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Energy Availabilities for State and Local Development: Projected Energy Patterns for 1980 and 1985

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ENERGY AVAILABILITIES FOR STATE AND LOCAL DEVELOPMENT: PROJECTED ENERGY PATTERNS FOR 1980 AND 1985

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ABSTRACT

This report is one of a continuing series developed by ORNL with financial support from the Economic Development Administration. It presents projections of the supply, demand and net imports of seven fuel types and four final consuming sectors for BEAs, states, census regions, and the nation for 1980 and 1985. The data are formatted to present regional energy availability from primary extraction, as well as from regional transformation processes. As constructed, the tables depict energy balances between availability and use for each of the specific fuels.

The objective of the program is to provide a consistent base of historic and projected energy information within a standard format. Such a framework should aid regional policymakers in their consideration of regional growth issues that may be influenced by the regional energy system. This basic data must be supplemented by region-specific information which only the local policy analyst can bring to bear in his assessment of the energy conditions which characterize each region. The energy data, coupled with specific knowledge of projected economic growth and employment patterns, can assist EDA in developing its grant-in-aid investment strategy.

I. INTRODUCTION

This volume supplements Energy Availabilities for State and Local Development: A Methodological and Data Overview (ORNL/TM-5890) and the historical data volumes for 1972, 1973 and 1974 published by Oak Ridge National Laboratory. The present volume contains projections for 1980 and 1985 of the energy supply and demand patterns of the U.S., 9 census regions, 50 states and 173 BEAs. The regional energy patterns are based on the Reference Case Scenario released by the Federal Energy Administration (FEA) in the 1976 National Energy Outlook.[1]

One objective of this project has been to develop a consistent reporting format that can be used to present energy supply and consumption information for both historic and projected periods. To meet this goal, we have developed the regional energy balance statement. We have used this format in the present volume to present energy consumption information for the years 1980 and 1985 for four final consumption sectors, as well as regional energy production and regional net imports for seven fuel types.

The previously published historic volumes employed this same format and are definitionally consistent with the projections in the present volume. This practice provides the ability to identify marginal changes in regional energy conditions that have in the past been measured or projected only at the national level.

However, these data are not intended to suggest historical or potential limits to growth for specific regions. Such a determination can only be made by a regional policy analyst, who is familiar with the region in question, and who can bring additional, region-specific

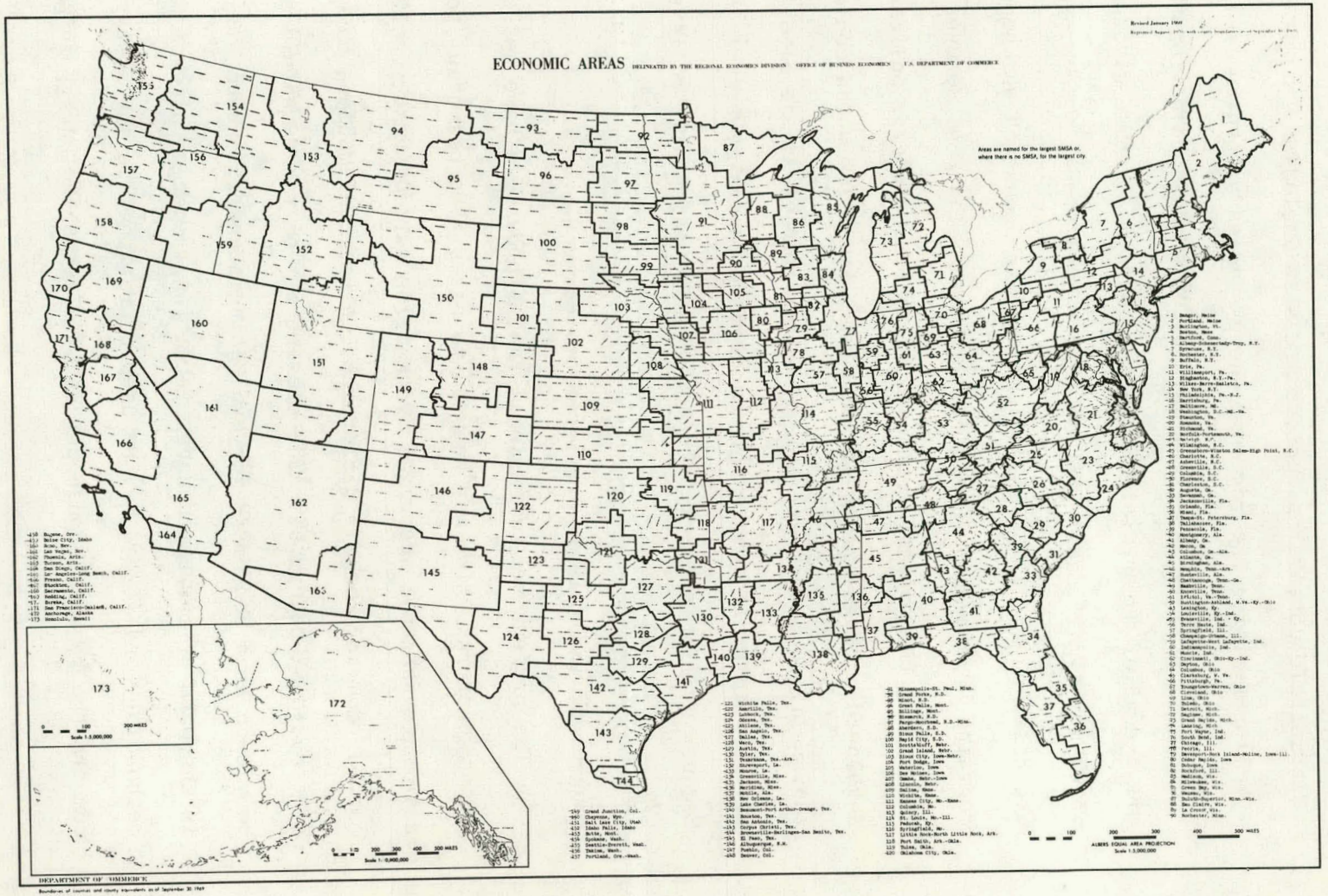
information to regional growth issues related to the energy system. For this purpose, these data provide a starting point, but not a conclusion.

Instead, these data series are intended to provide a consistent set of historic and projected energy series at a variety of regional levels. Coupled with other regional characteristics, such as economic and demographic structure, they provide a foundation for EDA in developing its grant-in-aid investment strategy.

ORNL has developed a computerized regional energy analysis system. In designing this system, we have focused primarily on the relationship between economic activity and energy usage. The selection of an appropriate regional grid, therefore, was based on a system of functional economic regions for which reliable economic data were available. BEA regions by design follow labor market boundaries and are approximate energy load centers, a concept commonly used in electricity consumption analysis (Figure 1). Moreover, OBERS employment-population projections are reported at the BEA spatial grid. BEAs can be disaggregated by county groups, and these BEA portions can be reaggregated to states to facilitate comparisons by state energy offices. By using each of the 173 regions as a basic unit of analysis, we have retained a sufficient level of detail to conduct meaningful regional economic analysis at the substate, state, and multistate level.

A brief description of the regional energy statements included in this report and an overview of the national energy forecast prepared by FEA precedes the presentation of the data. A bibliographic list of the major data sources, a brief discussion on the relationship between

Figure 1. BEA Economic Areas



the ORNL procedure and the FEA model, and a chapter showing the relevant BTU conversion factors are also included.

In examining the regional energy tables presented in this volume, one should bear in mind that any set of energy projections contains a great deal of uncertainty as to the course of future government policies which may significantly affect energy conditions. These projections are based on the 1976 FEA "Reference Case Scenario" which generally contains "Business as Usual" assumptions. The FEA, however, in addressing the potential effects of alternate energy policies has developed a large number of additional scenarios which could also be regionalized. Moreover, the procedures for examining alternative energy futures is continually undergoing change as better information becomes available, methodologies improve, and public policies change. Consequently, even reference scenarios undergo modifications, as new sources of information are incorporated.

The present set of regional tables provide a base set of regional energy patterns which may be used to assess the potential for changing alternate national scenarios by changing various energy policies. One can, of course, compare differences in regional tables, based on alternative national scenarios. The present set of tables should realistically be viewed as a benchmark for evaluating scenarios which will be developed in the wake of current changes in national energy policy. The present methodology and format may be used to regionalize any scenario to compare the regional consequences of alternative energy futures.

II. THE STRUCTURE OF THE REGIONAL ENERGY BALANCE STATEMENTS

The regional energy balance statements show where and in what fuel form energy is expected to be used and how this energy is likely to be provided to the region. The data are internally processed in thermal equivalent units, based on the average conversion measures listed in Section V.

The underlying structure of these statements is somewhat unique. Each table is separated into three major sections representing energy consumption, domestic production and energy imports of the region. Consumption in the final demand sectors is for final end use. The supply sector consists of fossil fuel production and electricity generated by hydropower, nuclear, solar, and geothermal sources. It was not felt essential to our goal of portraying regional energy conditions to trace the flow of uranium from point of extraction to point of processing to point of end use, since most BEAs using enriched uranium must import it.

The transformation sectors use energy in one form but provide it to final demand sectors in yet another form. Total energy usage in the transformation sector is, therefore, defined as the conversion loss in the transformation process and treated as part of the final regional demand. A positive number thus represents the input to the transformation process and a negative number represents the output of the process.

Regional Consumption

The regional energy tables indicate the total amount of fuel consumed in each sector, as well as the consumption of specific fuels. Tables I and II illustrate 1980 and 1985 forecasts of energy production

UNITED STATES

Table 1.

1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	3,111,177	1,087,904	-	2,082,690	-	5,833,167	156,118	4,573,111	16,844,167	22%
INDUSTRIAL	973,428	1,464,938	-	4,241,137	-	12,315,103	4,044,118	3,133,796	26,172,520	34%
TRANSPORTATION	2,505,490	638,485	12,763,749	3,505,106	-	680,589	3,162	14,749	20,111,330	26%
MISCELLANEOUS USES	50,033	140,759	-	19,990	-	303,652	-	90,280	504,714	1%
TOTAL FINAL DEMAND SECTORS	6,640,128	3,332,086	12,763,749	9,848,923	-	19,132,511	4,203,398	7,811,936	63,732,731	82%
TRANSFORMATION										
ELECTRICITY GEN.	744,890	2,271,763	-	-	-	3,613,862	11,485,402	-6,068,095	12,047,822	16%
PETROLEUM PRODUCTS	-6,787,238	-2,229,343	-12,556,230	-10,713,947	30,152,739	1,111,881	-	-	-1,022,138	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-6,042,348	42,420	-12,556,230	-10,713,947	30,152,739	4,725,743	11,485,402	-6,068,095	11,025,684	14%
TOTAL GROSS FLOWS	7,385,018	5,603,849	12,763,749	9,848,923	30,152,739	23,858,254	15,688,800	7,811,936	75,780,553	98%
LOSSES & OMISSIONS	-262,681	17,601	-21,905	2,035,288	-6	234,695	-2,200	789,681	2,790,473	4%
TOTAL NET USAGE	335,098	3,392,107	185,613	1,170,264	30,152,732	24,092,949	15,686,599	2,533,522	77,548,888	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	25,816,480	22,548,513	17,486,600	-	65,351,593	96%
HYDROELECTRIC	-	-	-	-	-	-	-	1,179,501	1,179,501	2%
NUCLEAR	-	-	-	-	-	-	-	1,322,550	1,322,550	2%
GEO.&SOLAR	-	-	-	-	-	-	-	31,472	31,472	0%
TOTAL SUPPLY	-	-	-	-	25,816,480	22,548,513	17,486,600	2,533,523	68,385,116	
NET IMPORTS OF REGION	335,098	3,392,107	185,613	1,170,264	4,336,251	1,544,436	-1,800,000	-0	9,463,771	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.50%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

UNITED STATES

Table 2.

1985

REGIONAL ENERGY BALANCE STATEMENT BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S).									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	4,266,385	1,312,947	-	2,505,087	-	6,115,767	114,074	6,308,870	20,623,130	23%
INDUSTRIAL	1,297,874	1,785,416	-	5,063,053	-	14,021,867	4,816,802	3,864,765	30,849,777	34%
TRANSPORTATION	2,875,399	634,700	14,440,224	4,816,730	-	811,140	2,382	14,415	23,194,990	25%
MISCELLANEOUS USES	50,004	168,045	-	19,984	-	324,557	-	125,047	687,638	1%
TOTAL FINAL DEMAND SECTORS	8,489,662	3,901,109	14,440,224	12,004,854	-	21,273,331	4,933,258	10,313,097	75,355,535	83%
TRANSFORMATION										
ELECTRICITY GEN.	401,807	2,296,051	-	-	-	3,047,275	15,385,017	-6,968,429	14,161,721	16%
PETROLEUM PRODUCTS	-8,713,947	-4,417,637	-14,342,457	-12,981,731	38,013,854	1,145,727	-	-	-1,296,191	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	260,760	-87,160	173,600	0%
NET FUEL USED IN TRANSFORMATION	-8,312,140	-2,121,586	-14,342,457	-12,981,731	38,013,854	4,193,002	15,645,777	-7,055,589	13,039,130	14%
TOTAL GROSS FLOWS	8,891,469	6,197,160	14,440,224	12,004,854	38,013,854	25,466,333	20,579,035	10,313,097	89,690,856	98%
LOSSES & OMISSIONS	-372	-1,546	-4,291	1,514,939	-3,563	270,511	-12,419	1,049,525	2,812,783	3%
TOTAL NET USAGE	177,149	1,777,976	93,475	538,062	38,010,290	25,736,844	20,566,615	4,307,033	91,207,448	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	28,130,675	24,341,054	22,366,616	-	74,838,345	95%
HYDROELECTRIC	-	-	-	-	-	-	-	1,285,385	1,285,385	2%
NUCLEAR	-	-	-	-	-	-	-	2,957,763	2,957,763	4%
GEO.&SOLAR	-	-	-	-	-	-	-	63,885	63,885	0%
TOTAL SUPPLY	-	-	-	-	28,130,675	24,341,054	22,366,616	4,307,033	79,145,378	
NET IMPORTS OF REGION	177,149	1,777,976	93,475	538,062	9,879,615	1,395,790	-1,800,000	0	12,062,070	

NOTES:

1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.02%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS =66.57%

and usage in the United States.[2] The total energy consumption of all final energy consuming sectors ("Total Final Demand") is forecasted to be 63.7 quadrillion BTUs (quads) in 1980 and 75.4 quads in 1985. For 1980, residential-commercial demand is 16.8 quads, with 26.2 quads for industrial uses, .20 quads for transportation and .6 quads for miscellaneous uses. The 1985 consumption values are higher, but the sectoral distributions are similar to those in 1980. Natural gas consumption (19.1 quads in 1980 and 21.3 quads in 1985) accounts for the greatest single share (of the listed fuels) of energy demand. Our analysis assumes that none of the final demand sectors consume unprocessed crude oil.

A portion of electricity generation is included as a transformation sector in which the output is total generated electricity by fossil fuel plants (in BTUs) less the BTU content of the fuels consumed. In this case the conversion rate used for electrical output is that of end use rather than fossil fuel equivalents. The projected output (indicated as negative demand) for electricity by fossil fuel plants in 1980 is 6.1 quads, requiring total fuel consumption of 3.6 quads of natural gas, 11.5 quads of coal, and 3.0 quads of petroleum products. The fuel loss in the conversion process, treated as consumption by this sector, was 12.1 quads, implying an efficiency in transformation of fossil fuels of approximately 33.5%.

The net consumption of fuel used in all transformation sectors is presented in the row labeled "Net Fuel Used in Transformation." In the 1980 forecast the transformation sector converts 30.2 quads of oil, 4.7 quads of gas, and 11.5 quads of coal into 29.3 quads of refined

petroleum products and 6.1 quads of electricity. The transformation process requires the consumption of 11.0 quads of energy.[3]

Two additional summary rows are presented in the consumption portion of the tables. The row labeled "Total Gross Flows" is the column sum of the positive elements in both the final demand and transformation sectors. This value represents the gross consumption of each fuel (neglecting the regional production of transformed energy products). This row is used primarily to allocate losses and omissions. The losses and omissions row has a different interpretation in the case of the forecasted data series than in the historic data.

In the historic data series a positive error value indicated an under-assignment of fuels to specific categories, inventory accumulations, or distribution loss. A negative error value indicated an over-assignment of consumption to a particular fuel or sector, an understatement of production, or a depletion of stocks. In the case of the projected data series, the interpretation of the error figures is less obvious. A portion of the error is due to pecularities of the FEA model. Limitations of the PIES systems to generate complete equality between supply and demand in the integrating component of the model introduces some error. (This is the cause of the error in other hydrocarbons for 1980 and 1985 and distillate oil in 1980). Minor differences in data format between FEA's model and our procedure create additional errors in the table. The overall error, indicated in the "Sector Total" column, was 4% of gross flows in 1980 and 3% in 1985, due to cancellation of positive and negative errors associated with specific products.

The total regional demand for fuel, less the supply of energy by the transformation sector, is presented in the row labeled "Total Net Usage"—77.5 quads in 1980 and 91.2 quads in 1985.[4] This energy demand is met by primary regional production and regional imports.

Regional Supply

The total supply of all forms of primary energy is given in the row labeled "Total Supply." Distillate oil, residual oil, gasoline, and other hydrocarbons have zero values, indicating that these products are not regarded as primary energy sources. Crude oil, natural gas, and coal constitute the fossil fuels, while the other primary fuels considered include electricity generated by hydroelectric power, nuclear, geothermal, and solar sources.[5]

Primary electricity generation from hydro and nuclear sources was converted to BTUs by the end use rate of 3412.8 BTUs per kilowatt hour, rather than fossil fuel equivalents, in order to maintain overall balance in the tables. The fossil fuel equivalent conversion rates are often used in supply-oriented analysis to address the potential effects of fuel switching in electrical generation. This approach would artifically inflate the total BTUs produced in a region, however, and might lead to a different impression of the importance of each fuel and its contribution to end use electrical consumption.

To investigate the implications of fuel switching in electrical generation, the increase in generation by hydro and nuclear power and the reduction in demand for fossil fuels can be derived by using the appropriate transformation loss for the region. No effort was made in this study to provide a direct comparison of the fossil fuel savings

attained from substituting nuclear, geothermal, solar, or hydroelectric inputs, though this can be done easily.

For example, the average transformation loss for fossil fuel generation of electricity in 1972 was approximately 68%. For every kilowatt hour generated by hydro or nuclear sources, there is a net savings in the system of energy of 7252 BTUs. To get the same end use availability of electricity, 7252 BTUs of energy do not have to be produced. Since the uranium refinement process itself requires electricity, the net saving in nuclear generation would be somewhat less than for hydro, geothermal, or solar.

Regional Imports

The data in the tables forecast the spatial patterns of consumption and production, but do not characterize the interrelationships of the flows. The concept of regional imports considered is a simple accounting statement of the difference between how much is used in a region and how much is produced.

The tables were constructed to balance such that the sum of row totals equals the sum of column totals. The last row thus represents the net regional imports by fuel (a negative number indicating exports). The number in the last row and column provides a measure of the net energy imports of the region, characterizing it as to its external reliance upon energy supplies.

At the national level, the tables report estimated net imports equal to forecasted imports (9.2 quads in 1980 and 12.1 quads in 1985). Any initial differences between estimated and forecasted net imports at the national level are then allocated to regions based on each region's

share of total gross usage of each fuel. These differences are reported in the row labeled "Loss, Errors, and Omissions."

Net regional imports by fuel type are computed as total net usage less regional supply. The regional imports are derived from the consumption and production data. Consequently they are not a direct measure of forecasted import/export flows of energy, as are 1974 national imports.

The interpretation of these regional imports must be qualified. A region may appear as a net importer of energy, though these imports may be supplied under long-term contractual agreement with producers in other regions. Consequently, even though a region may appear vulnerable to changes in the energy distribution system, the region could in actuality have a fairly stable energy position. In a number of cases there are substantial counterflows of energy, wherein a region may export as well as import a given fuel. Certainly not all of the regionally-produced energy is used to satisfy local demand, nor should that be inferred from the tables.

Though a region might not have its own electrical utility, it would still have access to electricity by importing it from adjacent regions. The tables forecast the amount of electricity imported, but do not indicate the source. To reiterate, there is no attempt made in the regional energy balance tables to depict energy flows between BEAs or states. We do hope to address the issue of energy flows in subsequent analysis for the Economic Development Administration.

III. THE NATIONAL ENERGY PROJECTIONS

Future regional patterns of energy consumption and production are determined jointly by regional factors and changes in national economic

activity, energy prices, and policies. The regionalization procedure adopted by ORNL uses historical and forecasted regional characteristics to allocate production and consumption totals estimated at a national level. In this way the model attempts to capture both local and national effects which are likely to determine the regional level of consumption and production of energy products. Consequently, the regional projections included in this volume are sensitive to the scenario chosen to provide the setting for the national energy future.

The regional projections were developed to provide a baseline (or reference) scenario when examining the effects of potential regional changes in energy conditions. An appropriate national forecast for such a regionalization is provided by the FEA Reference Scenario, which generally represents "business as usual" assumptions.

The projections for this scenario and a detailed discussion of the implications of the forecasts and assumptions used in developing the projections is provided in the 1976 National Energy Outlook and will not be detailed here. However, the regional forecasts need to be evaluated within the context of the particular national economic and energy setting; thus, it is necessary to provide an overview of the nature of FEA's projected energy future.

An Overview of the National Energy Outlook Projections

The FEA projections of energy consumption and production are prepared by the use of an extensive computer simulation model (PIES).[6] The PIES model is essentially a system of computer models. Included are an econometric demand model, a set of cost-minimization supply models for each major energy product, and an integrating model. Future

energy demands are estimated, given projections of economic activity and initial energy prices, and the minimum cost method of supplying these demands is then determined in the integrating model. Initial supplies and demands are then compared. If they are not equated at the initially estimated energy prices, prices are adjusted and demands re-estimated Demand and supply forecasts are iterated through the system until prices bring about market-clearing.

The procedure that FEA has adopted allows considerable flexibility in handling alternative policy constraints within the general framework of a market-oriented solution. The model permits the examination of a wide variety of alternative energy futures, through the imposition of auxiliary constraints. However, this flexibility in the development of scenarios requires that a description of the major conditions or assumptions imposed on the solution be presented to appropriately evaluate the results of a particular scenario.

For all the scenarios that FEA prepared for the 1976 NEO, one set of economic activity has been considered as the driving force behind the demand for energy. In the context of the reference scenario, no special conservation policies on energy consumption have been considered. The only impact on energy conservation, comes about through the "normal" demand responses to higher energy prices. Consequently, the key assumptions for setting the general framework for estimating energy demand lie in the forecasted level of economic activity for the United States in 1980 and 1985.

FEA developed its forecast of economic activity with the Data Resources Incorporated (DRI) econometric model. DRI's Control/Long

5/75 model is described and summary results presented in the 1976 National Energy Outlook. A summary of the major national economic and demographic activity projections from the DRI forecast which have been used in the reference scenario are presented in Table 3. Also included in this table are the forecasted growth rates for the "equilibrium" energy prices generated in the PIES integrating model.

Several special constraints have been placed on the PIES model for the reference case solution in the determination of energy supply. A summary of the key energy supply assumptions for the reference case is presented in Table 4.

For our purposes, the outputs (i.e., the predicted energy consumption and supply patterns) provided in the FEA scenarios are taken as given conditions for the regionalization. Thus, an overview of the national energy future which has been regionalized is provided by the energy balance statements for the nation. However, to place these forecasts in perspective as to the implications of predicted national changes, one should examine the growth rates in production and consumption of the various energy products. The average annual growth rates of the consumption and production of each fuel are presented in the framework of our energy balance statements. Table 5 indicates the growth rates from 1974 to 1980, and Table 6 shows the changes from 1980 to 1985.[7] These tables indicate the expected patterns of change for the nation as a whole. One may also compare the forecasted changes of individual regions to these national changes.

Special Characteristics of the Projected Data Series

The format and methodology used to construct the Regional Energy Balance Statements has been designed to provide a consistent framework

Table 3.

Projections of National Economic Activity
Used in Forecasting Energy Demands

	Average Annual Growth Rate (%)	
	1974–1980	1980–1985
Economic Activity Variables*		
Gross National Product	5.5	3.6
Gross Private-Domestic Investment	11.2	3.7
Federal Reserve Board Output Index	7.9	4.6
Personal Income	4.3	3.6
Exports	8.0	5.7
Imports	7.9	6.3
Demographic Variables		
Population	0.9	1.0
Prices		
Implicit GNP Deflator	4.7	4.6
Consumer Price Index	5.2	4.8
Wholesale Price Index	5.1	3.4
Index of Unit Labor Costs	4.2	4.6
Energy Prices (PIES Model Solution)** (World oil price is assumed to be $13 per barrel in 1976 dollars)		
Coal	2.2	2.2
Oil	0.7	0.7
Natural Gas	6.2	6.2
Electricity	2.1	2.1

Source: 1976 National Energy Outlook

*Economic activity variables are in real terms.

**The NEO reports the average annual growth rate for the entire period 1974 to 1985.

Table 4.

Special Energy Supply Constraints
Assumed in the Reference Scenario

Oil

1. World oil price of $13.00 a barrel
2. Decontrol of old oil
3. Oil production in special regions have some restrictions placed on output levels

Natural Gas

1. Deregulation of new natural gas and market clearing prices
2. Capacity of north slope natural gas limited to 1.31 billion BTUs in 1985 (this assumes either the Trans-Alaskan or the Trans-Canadian gas pipeline will be built)
3. Canadian natural gas continues to be supplied at scheduled rates Maximum levels of 1.093 billion BTUs in 1980 and .95 billion BTUs in 1985
4. A minimum of .44 billion BTU's of liquid natural gas will be imported in both 1980 and 1985 with a maximum of 1.63 billions BTUs in 1985

Electricity

1. Nuclear capacity additions limited to a maximum of 116 Gigawatt hours by 1985
2. Coal capacity additions limited to a maximum of 70 Gigawatt hours by 1980
3. Electricity peaking grows one-half a percent faster than average electricity demand

Other

1. Coal exports assumed to be 1800 billion BTUs in both 1980 and 1985
2. Synthetic fuels development is such that there are no synthetics in 1980, but 3.24 million barrels (oil equivalent) will be supplied in 1985

Source: 1976 National Energy Outlook

Table 5.

United States — REGIONAL ENERGY BALANCE STATEMENT BY SECTOR AND FUEL TYPE — 1974–1980

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL
	Average Annual Growth Rates (Percent)								
FINAL DEMAND SECTORS									
RESIDENTIAL,COMM.	1.35	3.38	-	.85	-	- 3.18	-10.19	5.56	.20
INDUSTRIAL	4.78	3.10	-	1.17	-	3.50	- .35	4.33	2.56
TRANSPORTATION	2.81	- 1.73	.05	8.27	-	- .10	7.15	.21	1.46
MISCELLANEOUS USES	- 2.82	- 6.81	-	-27.02	-	- 5.79	-	1.13	- 6.84
TOTAL FINAL DEMAND SECTORS	2.32	1.57	.05	2.58	-	.82	- .87	4.98	1.44
TRANSFORMATION									
ELECTRICITY GEN.	15.36	- 4.70	-	**	-	.53	4.77	(-) 3.54	2.11
PETROLEUM PRODUCTS	(-) 3.04	(-) 1.59	(-) .40	(-) 9.35	2.71	.20	-	-	+
NATURAL GAS	-	-	-	-	-	-	-	-	-
SYN-GAS	-	-	-	-	-	-	-	-	-
NET FUEL USED IN TRANSFORMATION	(-) 1.98	-35.28	(-) .40	(-) 5.79	2.71	- 4.27	4.77	(-) 3.54	.21
TOTAL GROSS FLOWS	3.27	- 1.32	.05	2.51	2.71	- .35	3.04	4.98	1.48
LOSSES & OMISSIONS	-	-	-	-	-	-	-	-	-
TOTAL NET USAGE	- 9.05	- .88	-11.46	30.44	2.55	.48	2.35	9.38	1.57
SUPPLY OF ENERGY									
FOSSIL FUEL	-	-	-	-	5.65	- .88	2.57	-	2.33
HYDROELECTRIC	-	-	-	-	-	-	-	2.15	2.15
NUCLEAR	-	-	-	-	-	-	-	22.63	22.63
GEO.&SOLAR	-	-	-	-	-	-	-	23.43	23.43
TOTAL SUPPLY	-	-	-	-	5.65	- .88	2.57	9.93	2.55
NET IMPORTS OF REGION	- 9.05	- .88	-11.46	30.44	- 8.43	7.17	(-) 4.62	**	- 4.17

NOTES:
* None on base year
** None on projection year
+ Years switch sign
(-) Negative entry on energy balance statement

Table 6.

United States — REGIONAL ENERGY BALANCE STATEMENT BY SECTOR AND FUEL TYPE — 1980–1985

Average Annual Growth Rates (Percent)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL
FINAL DEMAND SECTORS									
RESIDENTIAL,COMM.	6.52	3.83	-	3.76	-	.95	- 6.08	6.65	4.13
INDUSTRIAL	5.92	4.04	-	3.61	-	2.63	3.56	4.28	3.34
TRANSPORTATION	2.79	- .12	2.50	4.73	-	3.57	- 5.51	- .46	2.89
MISCELLANEOUS USES	- .01	3.61	-	- .01	-	1.34	-	6.73	2.60
TOTAL FINAL DEMAND SECTORS	5.04	3.20	2.50	4.04	-	2.14	3.25	5.71	3.41
TRANSFORMATION									
ELECTRICITY GEN.	-11.61	.21	-	-	-	- 3.35	6.02	(-) 2.81	3.29
PETROLEUM PRODUCTS	(-) 5.12	(-) 4.66	(-) 2.70	(-) 3.91	4.74	.60	-	-	(-) 4.87
NATURAL GAS	-	-	-	-	-	-	-	-	-
SYN-GAS	-	-	-	-	-	-	-	-	-
NET FUEL USED IN TRANSFORMATION	(-) 6.59	+	(-) 2.70	(-) 3.91	4.74	- 2.36	6.38	(-) 3.06	3.41
TOTAL GROSS FLOWS	3.78	2.03	2.50	4.04	4.74	1.31	5.58	5.71	3.43
LOSSES & OMISSIONS	-	-	-	-	-	-	-	-	-
TOTAL NET USAGE	-11.97	-12.12	-12.82	-14.39	4.74	1.33	5.57	11.20	2.97
SUPPLY OF ENERGY									
FOSSIL FUEL	-	-	-	-	1.73	1.54	5.05	-	2.59
HYDROELECTRIC	-	-	-	-	-	-	-	1.73	1.73
NUCLEAR	-	-	-	-	-	-	-	17.47	17.47
GEO.&SOLAR	-	-	-	-	-	-	-	15.21	15.21
TOTAL SUPPLY	-	-	-	-	1.73	1.54	5.05	11.20	2.97
NET IMPORTS OF REGION	-11.97	-12.12	-12.82	-14.39	17.90	- 2.00	✓	-	5.65

NOTES:
* Base year zero
+ Years switch signs
✓ No growth rate
(-) Negative entry on energy balance statement

for examining the variety of interactions that characterize energy production and consumption. Although we have attempted to maintain uniformity with the historic and projected data series on which our compilations are based, differences between sources have not always permitted maintaining an exact correspondence. Where this occurs, we have instead consistently modified each series in a desire to achieve compatability between our historic and projected data series. For this reason, differences between our statements and other sources such as the Bureau of Mines and Federal Energy Administration arise in several instances. The following discussion documents these modifications and is intended to provide the reader with sufficient information to reconcile our energy statements with those of other agencies.

The basis for our projected energy statement is the 1976 National Energy Outlook, in which the Federal Energy Administration projected a 2.8% annual rate of growth in total energy demand between 1974 and 1985 in its reference case. At this rate, total energy consumption could increase to 98.9 quadrillion BTUs by 1985.[8]

This figure represents the "gross" input of all fuel used by the nation and is comparable to the concept of "total net usage" (91.2 quads) reported above in Table 2 for 1985.

The difference between our measure of net usage and the FEA's total "gross energy inputs" results from our use of alternative conversion factors for electricity generated from nuclear, hydro and geothermal sources. The FEA, (as does the Bureau of Mines) uses a fossil fuel equivalents approach (the BTU value of fossil fuels needed to generate this electricity by conventional fossil fuel plants) to value electricity

produced through "unconventional" means, whereas we value electricity at the end use rate of 3412.8 BTUs per kilowatt hour.

For the 1974 data set, our approach resulted in a reduction of total net energy consumption by 2.5 quads. This was equal to 3.4% of "gross energy inputs" reported by the Bureau of Mines. Because the quantity of electricity generated through non-fossil fuel technologies is projected to increase, differences in the total energy consumption measured by the two techniques will similarily increase.

Under FEA projections, this increasing share will cause the fossil fuels equivalent approach to add an additional 4.1 quads (5% gross input) in 1980 and 7.7 quads (7.8% gross inputs) in 1985 to total net usage. Between 1974 and 1985, our procedure yields a 2.4% average annual rate of growth in total net usage, as compared to the FEA rate of 2.8%. This 0.4% difference, however, is explained by the shift to non-fossil fuel technologies, rather than increased fossil resource input. Therefore, energy policy makers viewing fossil fuels savings as a valid trade-off for the cost of larger investments to capture such "free" resources as solar, geothermal, and hydropower, should find our end-use statistic most appropriate. However, it should be noted that using nuclear fuel does require extensive energy inputs by the industrial sector, and to the extent the scope or energy intensity of this activity is not fully captured in our methodology, total fuel consumption may be understated. A more detailed treatment of the uranium fuel cycle is possible, but such an effort would require considerably more work.

With respect to net energy inputs, the figure reported by FEA is identical to that reported in our tables.[9] The Bureau of Mines in its historic data, however, allocates the transmission loss of electricity distribution to the final demand sectors, and thus obtains a slightly higher value for the historic final demand of electricity. Interestingly, the 1974 data reported by FEA appear to be consistent with the BOM usage, but FEA's forecasted data follows our approach and deducts the transmission loss before computing final demand.

Several other differences between our historic and projection data can be traced to the FEA's projection methodology. In transforming crude oil to petroleum products, the FEA model maintains a balance in terms of barrels rather than BTUs. That is, the number of barrels of petroleum produced equals the number of barrels of crude oil input. Because the BTU value of individual products exceeds that of an equivalent volume of crude oil, a net increase in BTUs from the conversion process is evident. While conservation of BTUs is generally accepted as the preferred constraint, we did not wish to adjust the FEA forecasts substantially and thus have reported the net increase. This is indicated in the tables by negative consumption for the petroleum transformation sector. One could modify these results by assuming the demand-driven estimates of final petroleum products are correct and by subsequently increasing imports of crude oil. The correction factor would be obtained by totaling BTUs of petroleum products and crude inputs and balancing the difference through additional imports. Because the FEA model calculates imports as a residual, this calculation should not upset other relationships in the model significantly.

A second difference stems from inadequate information. The computer output of the FEA model does not appear to contain sufficient information to regionalize the transformation process for the natural gas processing sector adequately. We therefore have not estimated this sector in our forecast series, although it is included in our historic data series.

The estimates of electric generation and fuel consumption for the utility transformation sector is also somewhat different. Because of the aggregate nature of the FEA model's output, we have chosen to use the census region level average heat rates and load factors[10] implicit in the FEA projections. To estimate generation and fuel use, these averages were applied to the planned capacity expansion data set compiled by the Federal Power Commission. This was done separately by fuel type and technology.[11] Any differences between forecasted generation (by fuel type and technology) and the FEA projections were resolved by adding or retiring generating capacity. Changes in capacity were apportioned regionally based on unmet demands for electricity.

Individuals attempting a detailed comparison between the forecasted and historic electricity transformation sector should bear in mind that average census region rates were used in the forecasted series, while the historic tables were based on accumulations of plant specific data. Consequently, to the extent that the individual plants in particular BEAs maintain heat rates and load factors significantly different from the forecasted census region averages, the projected fuel use and generation for the region may be incorrect,

Summary

The Regional Energy Balance Statements were developed to provide an overall view of the relationship of a region's net energy consumption and production patterns. To interpret the complete energy picture for a single region, one may wish to bring additional data to bear such as information as to actual flows and prior commitments.

IV. DATA SOURCES AND COMMENTS ON REGIONALIZATION OF THE FEA SCENARIO

The Regional Demand for Energy

The methodology that has been used to regionalize the FEA's projections at the census region level is described in detail in Volume I. Briefly, the procedure is to estimate regional demand by fuel and sector by multiplying historic data of energy use per worker (or per capita) times the projected regional level of activity (i.e., number of workers or persons).

The regional demands are then proportionally adjusted so that they add up to the census region projections by major sectors and fuels provided by the FEA. To derive the initial demand estimates, a set of regional activity projections and base year energy use weights are necessary. The regional projections of populations are based on the OBERS series of forecasts with the level of population for each region adjusted such that the census region population totals agree with the FEA scenario. Thus the level of populations in each area of the census region is determined by the FEA scenario. The distributions within the census region are determined by the OBERS forecasts.

The OBERS population forecasts are presented at the state and BEA level. To permit converting state and census region energy data to BEA regions, it was necessary to derive population forecasts for substate areas. Consequently, population projections for state-BEA portions were constructed from OBERS forecasts. These state-BEA portions consist of all counties within a state which are in the same BEA area. Thus, while the OBERS regional projections have been used as a basis for the regional forecast of residential activity, several modifications have been implemented to generate an estimated set of population projections for substate areas. The regional population forecasts, adjusted to be consistent with the FEA census region forecasts, are presented in Section VII.

Similar adjustments were made to the OBERS regional projections of economic activity. It also was necessary to convert the forecasted measure of industrial activity by sector (earnings) provided by OBERS to a series of regional employment projections by sector to maintain consistency with the methodology used in the historical regionalizations. The sectors and fuels for which the individual demands are estimated at the regional level are detailed in Volume I.[12] The regional weights for energy consumption used in the regionalization of the projections is the same data set which was used in the historic allocations and represent base year 1972 energy use patterns. The input data required to perform the regional demand disaggregation is extensive and difficult to document in detail. To perform the regional disaggregation of the basic Bureau of Mines state level energy data series, 236 level variables[13] and 12,036 state relative variables[14] were estimated. The published primary data sources do not provide a consistent series for

all sectors and fuels considered, such that many approximations and independent judgments were necessary. Consequently, the computer allocation procedure was in some cases overridden to provide an appropriate estimate.

For purposes of this report only, the major primary data sources are listed below. One of the outputs of the computer program is a complete list of the specific sources used to determine the values for the relative and level variables. Since this is a voluminous listing, it is not included in this document but is available at Oak Ridge National Laboratory as supporting documentation.

Data Sources for Projections

- Census Region Energy Projections:

  1976 National Energy Outlook, Federal Energy Administration, Washington, DC, 1976. (The 1980 projections which are not in the NEO are available from the FEA.)

- Projections of Regional Activity:

  1972 OBERS Projections: Economic Activity in the U.S., Series E Population, Washington, DC, 1974. (Prepared by the U.S. Department of Commerce, Bureau of Economic Analysis and the U.S. Department of Agriculture for the U.S. Water Resources Council.)

Historic Data to Generate Regional Energy Consumption Weights

- Regional Activity Data:

  County Business Patterns: 1971, 1972, U.S. Department of Commerce, Government Printing Office, Washington, DC, 1972 and 1973.

  Annual Survey of Manufactures: 1970-1971, U.S. Department of Commerce, Bureau of the Census, Government Printing Office, Washington, DC, 1973.

- Regional Population Data:

  Statistical Abstract of the United States: 1971, 1972, 1973, U.S. Department of Commerce, Government Printing Office, Washington, DC, 1972, 1973, 1974.

Federal-State Cooperative: 1973, Program for Population Estimates.

- Regional Energy Consumption Data:

Edison Electric Institute, Statistical Yearbook of the Elec Electric Utility-Industry, Edison Electric Institute, New York, NY, 1973.

Marquis R. Seidel, State Projections of Industrial Fuel Needs, Federal Power Commission, Office of Energy Systems, Washington, DC, August 1976.

American Gas Association, 1972 Gas Facts, Arlington, VA, 1973.

Mineral Industry Surveys, Sales of Fuel Oil and Kerosene in 1972, U.S. Department of the Interior, Bureau of Mines, Government Printing Office, Washington, DC, 1973.

Mineral Industry Surveys, Sales of Liquefied Petroleum Gases and Ethane in 1972, U.S. Department of the Interior, Bureau of Mines, Government Printing Office, Washington, DC, 1973.

Highway Statistics: 1972, U.S. Department of Transportation, Government Printing Office, Washington, DC, 1973.

Minerals Yearbook, Volume I, Metals, Minerals, and Fuels: 1971, 1972, U.S. Department of the Interior, Bureau of Mines, Government Printing Office, Washington, DC, 1973, 1974.

Fuels and Electric Energy Consumed, Special Report Series MC72 (SR-6), 1972 Census of Manufactures, U.S. Department of Commerce, Bureau of the Census, Government Printing Office, Washington, DC, 1973.

National Energy Accounts, Energy Flows in the United States 1974-1972, Jack Faucett Associates, Inc., Chevy Chase, MD, November 1975. This document was prepared for the Federal Energy Administration.

The Electric Utility Sector

The regional forecasts of electrical generation are primarily based on the announced plans of the utilities for planned capacity expansion and plant retirements. Such information is reported to the Federal Power Commission by the utilities for each plant and is available on computer tape from the FPC on request.[15]

The scheduled capacity as reported by the utility industry, however, must be reconciled with the forecast of FEA in its 1976 National Energy Outlook. This has been accomplished by using the FEA's census region projections of generation, capacity, and fuel consumption as regional control totals. The utilities' planned expansion for each census region can then be compared with the FEA forecast for selected prime mover and fuel type categories.

To make the comparison between actual utility plans and the FEA scenario, information as to each generation source should be similarly structured. Consequently, we developed a procedure to classify each plant according to its prime mover and major fuel consumed. The categories considered for this analysis are presented in Table 7. In some cases more detailed information in the FEA model as to the basic energy sources was aggregated (e.g., coal consumption by sulfur content was aggregated together).

To modify the planned expansion of the utilities, a simple siting scheme was employed. For each of the substate regions considered in the demand analysis, an estimate of scheduled generation of electricity was obtained by aggregating the FPC forecasts of each utility in the region. Estimated regional demands for electricity were then compared to the scheduled generation. Regions were then classified as to the level of excess demand for electricity.

The siting analysis then requires two basic steps: (1) where the projections indicate the number of plants for generating technology will be overbuilt, we proportionally decrease the forecasted capacity in all sub-areas within the census region; each technology is treated

Table 7. Classification of Electric Generation
By Plant and Fuel Type

Generation Class			Generation Characteristics (United States Averages)	
Class	Fuel Type	Prime Mover	Load Factor[1] Percent	Heat Rate[2] BTU/KWH
01	Coal	Conventional steam	50	10194
02	Coal	Advanced (combine cycle)	36	9750
03	Oil	Conventional steam	36	10701
04	Oil	Combustion turbine	10	11859
05	Gas	Conventional steam	42	10712
06	Gas	Combustion turbine	8	10815
07	Hydro	Conventional	62	9725
08	Hydro	Pump storage (and peaking)	8	13651
09	Nuclear	Conventional steam	70	•
10	Nuclear	Advanced (breeder and high temperature gas)	54	•
11	Other	Geothermal	80	•
12	Other	Solar	80	•
13	Other	Waste heat (steam turbine)	36	•
14	Other	Refuse (steam turbine)	36	•
15	Other	Synthetics	•	•

1. The load factor measures the percent of available generation capacity used in the year.

2. The heat rate measures fuel consumption for the generation of electricity in BTUs of fuel consumed per kilowatt hours generated. These values are presented in the table only for fossil fuel plants.

separately, and changes in capacity are allocated regionally independent of excess demand; and, (2) where additional units are required, according to the FEA projections, these plants are located in the regions of greatest need (i.e., forecasted demand in excess of scheduled supply). Rather than allocating all new capacity to one or two regions, however, we allocate the new capacity proportional to excess demand in each region.

A detailed siting analysis should consider factors other than excess demand. ORNL has developed several extensive procedures to do such analysis at the county level which consider population density, water availability, seismic risk, and air quality standards, among other variables.[16] However, such a detailed approach was not possible for this study. Any given region can be analyzed in more detail, of course, based on the information presented in these tables.

Previous ORNL studies indicate that significant changes need not be made to scheduled utility plans to achieve conformity with FEA.[17] The siting algorithm considers the addition or retirement of a small number of plants relative to total capacity.

Using utility planned expansions we can then estimate both generation and fuel consumption. These forecasts, however, must be consistent with the "average technology" imbedded in the FEA scenario. The assumption of an "average technology" in the electric utility sector by FEA is summarized in the assumed values for heat rates and load factors. For each category of generating technology considered, census region averages for heat rates and load factors were derived from the FEA NEO 1976 projections.

Load factors indicate the average amount of generation relative to potential capacity. Turbine generators, for example, are used primarily to satisfy peaking requirements, operate infrequently, and have low load factors. Nuclear plants and conventional fossil-fired steam plants are generally base load plants with high average utilization rates and high load factors. Table 7 presents the national values for heat rates for each plant type, as computed from the FEA forecasts. It should be noted, however, that the actual analysis incorporates census region factors.

The average load factors have been applied to the planned capacity of each plant to determine the probable generation of electricity. The plant estimates were then aggregated to provide total generation for each category in each census region.

Fuel consumption for each census region is estimated using average heat rates also computed from the FEA model. A heat rate indicates the amount of fuel consumed to produce one kilowatt hour of electricity. These heat rates were then applied to the plant generation estimates to derive total fuel consumption for each plant. The estimates of fuel consumption, electric generation, and capacity were then constrained to the FEA scenario.

Because of the nature of the approach used in our analysis, two considerations should be kept in mind when examining specific regional forecasts. The first relates to the use of "average" census region characteristics and the second to the implications of the simplified siting scheme.

Aggregate heat rates and load factors were used to maintain consistency with the FEA scenario. However, individual plants may have historically deviated from these averages. For example, a plant may be utilized to satisfy intermediate load requirements for a utility, although we classify it as a base load plant. Each plant is treated as an "average" plant in our analysis. It would be extremely difficult to retain and utilize historical characteristics for each plant, as well as to forecast the precise load structure for each plant in the future. Consequently, the concept of assuming each plant has average regional characteristics is the only feasible approach. The analysis should remain consistent with the FEA scenario, though individual plants may be incorrectly estimated. If a particular plant has a significantly different load factor and heat rate, we may misrepresent its generation and fuel use. For those regions in which there are few plants, the forecasts should be considered with utmost care. For those regions in which there are several plants, the totals presented for the region are more reliable.

Since the siting analysis ignores all factors except regional excess demand, projected additions to capacity should also be carefully examined. For example, our forecasted generation between 1980 and 1985 indicates some nuclear generation of electricity in Washington, DC. It is, of course, improbable that a nuclear plant will be built in the capital. Our results arise because the FEA forecasts for nuclear generation is greater than what the utilities have scheduled in that census region and we allocated additional capacity proportionately to excess demand. A more reasonable interpretation of the Washington, DC

forecast is that the area will derive some of its additional demand for electricity from nuclear sources. The actual generation will occur within the census region, but outside the District.

In summary, the forecasts presented in this report for the electric utility sector provide base line estimates of "average" characteristics, consistent with the FEA scenario using the schedules of the utilities. When considering specific regional projections, the projections should be complemented by region-specific information and consultation with local analysts.

Data Sources

FEA published its forecasts for the electric utility sector (generation, capacity, fuel use, heat rates, load factors, etc.) in the 1976 National Energy Outlook. The 1980 data was obtained directly from the Federal Energy Administration. The scheduled capacity of the electric utility sector, as reported to the Federal Power Commission, is available on computer tape (The Generating Unit Reference File) from the FPC in Washington, DC. It is noted that ORNL has made several revisions and corrections to the original data and has spatially located many plants for which the county location was not indicated on the original computer tape.

Supply and Transformation of Fossil Fuels

The projected supply and transformation of fossil fuels in 1980 and 1985 was based primarily upon broad regional projections of FEA in the 1976 National Energy Outlook, supplemented by state and county-level information on cumulative production, remaining reserves, and actual production in 1972, 1973 and 1974. In the case of refining capacity

and production, projections were based on the location and capacity of refineries (by county) on January 1, 1977, and the announced refinery expansions and additions by 1980 and 1985 published by FEA.[18]

Coal. FEA forecasts coal supply by 12 coal supply regions and includes bituminous coal, sub-bituminous coal, lignite, and anthracite. These 12 regions were then subdivided into states or state portions in the following manner:

1. Northern Appalachia was defined to include Pennsylvania, Maryland, Ohio, and part of West Virginia.
2. Central Appalachia was defined to include Virginia and part of Kentucky and West Virginia.
3. Southern Appalachia was defined to include Alabama, Georgia, and Tennessee.
4. Midwest was defined to include Illinois, Indiana, and part of Kentucky.
5. Central West was defined to include Kansas, Iowa, Missouri, Nebraska, Oklahoma, and Arkansas.
6. Gulf was defined as Texas.
7. Eastern Northern Great Plains was defined to include North Dakota, South Dakota, and part of Montana.
8. Western Northern Great Plains was defined to include Wyoming and parts of Colorado and Montana.
9. Rockies was defined to include Utah and part of Colorado.
10. Southwest was defined to include Arizona and New Mexico.
11. Northwest was defined to include Washington and Oregon.
12. Alaska is the only state in Region 12.

When regions could be identified as containing entire states, these regional supply forecasts were used as control totals for the constituent states (Regions 1, 2, and 4 were aggregated as were Regions 7, 8, and 9). Production of the region was allocated among the

states according to the average production during 1976. BEA forecasts of production within these states were based upon the average share of the state's coal production in 1973 and 1974. (The production estimates for BEAs were based upon county-specific information provided by the Bureau of Mines.)

While such allocation procedures certainly cannot account for unanticipated acceleration of production in any given BEA, they do make use of all available information which has typically characterized production trends. Since we have more abundant reserves of coal than any other fossil fuel, it was felt that the production of coal would be a better gauge of 1980 and 1985 production than reserves of coal.

Crude Oil and Natural Gas. FEA forecasts oil and gas supply for 8 onshore regions, 3 offshore regions, and Alaska. Given the nature of oil and gas deposits and the way in which FEA has defined the boundaries of these regions, it was not possible to disaggregate the regions into state portions. The Atlantic offshore region, for example, includes the area between Florida and Maine and all states in between. Therefore, the only regional number used as a control total was that of Alaska. The production estimates for both the onshore and offshore regions were aggregated and used as control totals for all other states. The disaggregation procedure was based upon the results of an econometric analysis of the determinates of state oil and gas production in 1972, 1973, and 1974. Among the explanatory variables separately examined for oil and gas were the associated exploratory drilling activity, cumulative production, oil or gas-in-place, remaining reserves, indicated and inferred reserves, and estimated ultimate production. Remaining

proven reserves of each state were used to allocate the regional control total of FEA for 1980. Proven, indicated, and inferred reserves of each state were used to allocate the regional control total of FEA for 1985. Natural gas was allocated similarly, though there are no indicated reserves of natural gas. The BEA production was estimated based upon the average share of the state's production in 1972, 1973, and 1974. This particular method of allocation was based upon the fact that we did not have BEA estimates of remaining reserves and the fact that our county production estimates for 1972, 1973, and 1974 represent actual production figures supplied by the oil and gas agencies in each state. It is noted, however, that such an allocation procedure might not be applicable after 1985 when resources of oil and gas are dwindling and remaining reserves may be the determining factor characterizing production. Current estimates of remaining proven reserves indicate we have between 10 and 12 years of oil and gas remaining if production remains at its 1976 level. By adding indicated and inferred reserves, we find it is more likely that there are between 18 and 20 years of oil and gas remaining. This procedure does not consider the development of substitutes or any reduction in demand from conservation efforts. Such policy changes as those contained in the National Energy Plan may well impact our estimates considerably.

Transformation of Crude Oil and Natural Gas. FEA forecasts the outputs of refineries and their demand for crude oil and natural gas inputs for seven refining regions. These regions may be disaggregated into states in the following manner:

PAD 1A - Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, and Rhode Island

PAD 1B - Delaware, Florida, Georgia, Maryland, Virginia, and West Virginia

PAD 2A - Illinois, Indiana, Kentucky, Michigan, Missouri, Ohio, and Tennessee

PAD 2B - Kansas, Minnesota, Nebraska, North Dakota, Oklahoma, and Wisconsin

PAD 3 - Alabama, Arkansas, Louisiana, Mississippi, New Mexico, and Texas

PAD 4 - Colorado, Idaho, Montana, Utah, and Wyoming

PAD 5 - Alaska, Arizona, California, Hawaii, Oregon, and Washington

The refining capacity of each of these states on January 1, 1977, was adjusted by the announced plans for refiners to expand facilities and build new plants by 1980 and 1985. Projected refinery capacity by state was then utilized to allocate the output of gasoline, distillate oil, residual oil, and other hydrocarbons forecast for each of the refining regions. It was determined that FEA included jet fuel in the distillate oil category. To be consistent with our historical data volumes, we disaggregated the jet fuel component and distillate oil component and included jet fuel with other hydrocarbons. The BEA production levels of these outputs was determined based on our projected estimates of refining capacity by county.

The demand for crude oil by refiners was estimated based upon the domestic production of crude oil and forecasted imports of oil by FEA. This seemed a reasonable assumption since we assume that all crude oil is processed, and none is consumed directly. The national estimate of the demand for crude oil was then allocated to states and BEAs based on projected refinery capacity in 1980 and 1985.

The demand for natural gas as an input of refiners was determined by FEA's unusual projection that refiners typically have a processing gain of 3% in total BTU value. Converting each of the outputs to thermal equivalent units, as well as the estimated demand for crude oil, we then determined the level of natural gas input of the refiners. This demand for natural gas was allocated to states and BEAs according to projected refinery capacity in 1980 and 1985. Whether it is reasonable to assume such a processing gain is debatable. The amount of energy involved, however, is relatively insignificant and it was felt that consistency with the FEA scenario was important to our analysis.

The conversion factors for gasoline, distillate oil, residual oil, jet fuel, crude oil, and natural gas liquids are those of the Bureau of Mines, which we also employed in the historic data volumes for 1972, 1973, and 1974. The conversion factor for other hydrocarbons, however, is a weighted average of all the "other hydrocarbons" examined by FEA. This factor was somewhat lower than that estimated by the Bureau of Mines but is indeed the estimate of FEA. These conversion factors are listed in Section V for comparison with the Bureau of Mines.

V. CONVERSION FACTORS

Table 8.

Crude oil	5,800,000	BTUs per barrel
Natural gas (consumption)	1,021,000	BTUs per thousand cubic feet
Natural gas (production)	1,093,000	BTUs per thousand cubic feet
Electricity	3,412,000	BTUs per thousand kilowatt hours
Distillate oil	5,825,000	BTUs per barrel
Residual oil	6,287,000	BTUs per barrel
Gasoline	5,248,000	BTUs per barrel
Kerosene and jet fuel	5,670,000	BTUs per barrel
Other hydrocarbons (1980)	5,068,600	BTUs per barrel
Other hydrocarbons (1985)	5,020,700	BTUs per barrel
Natural gas liquids	4,032,629	BTUs per barrel
Coal (1980)	21,890,000	BTUs per short ton
Coal (1985)	21,520,000	BTUs per short ton

Note: To convert each of these factors to metric units, the appropriate rate of conversion is 1 BTU = 1054.8 joules.

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VI. REGIONAL POPULATION PROJECTIONS

Table 9.

STATE POPULATION PROJECTIONS FOR 1980 AND 1985

STATENC	STATE	1980	1985
•	UNITED STATES TOTAL	222249000	231815000
1	ALABAMA	3739645	3912572
2	ALASKA	333914	361019
4	ARIZONA	2402770	2638723
5	ARKANSAS	2166393	2244343
6	CALIFORNIA	22450982	23656445
8	COLORADO	2790792	2937066
9	CONNECTICUT	3302954	3459813
10	DELAWARE	637897	679178
11	DISTRICT OF COLUMBIA	764600	766827
12	FLORIDA	9112435	10121287
13	GEORGIA	5251756	5634132
15	HAWAII	849315	910748
16	IDAHO	763392	776345
17	ILLINOIS	11524658	11729855
18	INDIANA	5508055	5667120
19	IOWA	2920060	2931602
20	KANSAS	2221384	2235494
21	KENTUCKY	3613862	3798574
22	LOUISIANA	3875742	3944504
23	MAINE	950767	957273
24	MARYLAND	4557689	4965121
25	MASSACHUSETTS	6170603	6439959
26	MICHIGAN	9286208	9519177
27	MINNESOTA	4125731	4301870
28	MISSISSIPPI	2325108	2386192
29	MISSOURI	5073454	5217163
30	MONTANA	722075	714746
31	NEBRASKA	1498976	1513761
32	NEVADA	665174	734555
33	NEW HAMPSHIRE	828867	862332
34	NEW JERSEY	7834988	8204892
35	NEW MEXICO	1133101	1170479
36	NEW YORK	18774316	19464457
37	NORTH CAROLINA	5848537	6219955
38	NORTH DAKOTA	574451	563558
39	OHIO	11078600	11285293
40	OKLAHOMA	2875907	2973529
41	OREGON	2346677	2436582
42	PENNSYLVANIA	12247696	12566652
44	RHODE ISLAND	1015902	1052417
45	SOUTH CAROLINA	2872111	3030160
46	SOUTH DAKOTA	646944	641532
47	TENNESSEE	4558385	4865662
48	TEXAS	12615958	13246625
49	UTAH	1247198	1322196
50	VERMONT	473908	489207
51	VIRGINIA	5401527	5826178
53	WASHINGTON	3552112	3674205
54	WEST VIRGINIA	1864448	1874163
55	WISCONSIN	4495478	4536555
56	WYOMING	355499	355891

Table 10.

CENSUS REGION POPULATION PROJECTIONS FOR 1980 AND 1985

CENSUSNO	CENSUS	1980	1985
•	US TOTAL	222249000	231815000
1	NEW ENGLAND	12743000	13261000
2	MIDDLE ATLANTIC	38857000	40236000
3	EAST NORTH CENTRAL	41893000	42738000
4	WEST NORTH CENTRAL	17061000	17405000
5	SOUTH ATLANTIC	36311000	39117000
6	EAST SOUTH CENTRAL	14237000	14963000
7	WEST SOUTH CENTRAL	21534000	22409000
8	MOUNTAIN	10080000	10647000
9	PACIFIC	29533000	31039000

Table 11.

BEA AREA POPULATION PROJECTIONS FOR 1980 AND 1985

BEANO	BEA	1980	1985
•	UNITED STATES TOTAL	222249000	231815000
1	BANGOR MAINE	297061	293534
2	PORTLAND-SOUTH PORTLAND MAINE	732961	744272
3	BURLINGTON VERMONT	539020	552471
4	BOSTON MASSACHUSETT	6918108	7229848
5	HARTFORD CONNECTICUT	3188560	3317960
6	ALBANY-SCHENECTADY-TROY NEW YORK	1404741	1440749
7	SYRACUSE NEW YORK	1482257	1513735
8	ROCHESTER NEW YORK	1175506	1267987
9	BUFFALO NEW YORK	1704925	1727193
10	ERIE PENNSYLVANIA	502361	522818
11	WILLIAMSPORT PENNSYLVANIA	421867	427786
12	BINGHAMTON NEW YORK-PENNSYLVANIA	756160	765955
13	WILKES-BARRE-HAZLETON PENNSYLVANIA	763046	800854
14	NEW YORK NEW YORK	19198316	20048424
15	PHILADELPHIA PENNSYLVANIA-NEW JERSEY	7808410	8086364
16	HARRISBURG PENNSYLVANIA	1848845	1930403
17	BALTIMORE MARYLAND	2877924	3003326
18	WASHINGTON-DC MARYLAND-VIRGINIA	3828398	4304385
19	STAUNTON VIRGINIA	465092	494971
20	ROANOKE VIRGINIA	981058	1038458
21	RICHMOND VIRGINIA	1185160	1261123
22	NORFOLK-PORTSMOUTH VIRGINIA	1248267	1301264
23	RALEIGH NORTH CAROLINA	1822964	1936065
24	WILMINGTON NORTH CAROLINA	480691	503755
25	GREENSBORO-WINSTON SALEM-HIGH POINT N.C.	1411487	1524849
26	CHARLOTTE NORTH CAROLINA	1743842	1850982
27	ASHEVILLE NORTH CAROLINA	456121	478118
28	GREENVILLE SOUTH CAROLINA	968314	1034372
29	COLUMBIA SOUTH CAROLINA	690706	737655
30	FLORENCE SOUTH CAROLINA	446416	465146
31	CHARLESTON SOUTH CAROLINA	415851	429805
32	AUGUSTA GEORGIA	467845	479548
33	SAVANNAH GEORGIA	431653	443696
34	JACKSONVILLE FLORIDA	1258156	1354888
35	ORLANDO FLORIDA	1232770	1347840
36	MIAMI FLORDIA	3474838	3959050
37	TAMPA-SAINT PETERSBURG FLORIDA	2487664	2748793
38	TALLAHASSEE FLORIDA	422885	459017
39	PENSACOLA FLORIDA	401797	423942
40	MONTGOMERY ALABAMA	694794	717938
41	ALBANY GEORGIA	494148	512539
42	MACON GEORGIA	544409	574129
43	COLUMBUS GEORGIA-ALABAMA	483847	501583
44	ATLANTA GEORGIA	2818259	3098454
45	BIRMINGHAM ALABAMA	1903850	1967694
46	MEMPHIS TENNESSEE-ARKANSAS	1886794	1977379
47	HUNTSVILLE ALABAMA	775799	843555
48	CHATTANOOGA TENNESSEE-GEORGIA	871362	931631
49	NASHVILLE TENNESSEE	1647120	1774460
50	KNOXVILLE TENNESSEE	1016208	1055320
51	BRISTOL VIRGINIA-TENNESSEE	902703	950667
52	HUNTINGTON-ASHLAND WEST VIRGINIA-KENTUCKY-OHIO	1332461	1306769
53	LEXINGTON KENTUCKY	869319	919486

Table 11. (Continued)

BEA AREA POPULATION PROJECTIONS FOR 1980 AND 1985

BEANO	BEA	POP 1980	1985
54	LOUISVILLE KENTUCKY-INDIANA	1379317	1482439
55	EVANSVILLE INDIANA-KENTUCKY	840838	862062
56	TERRE HAUTE INDIANA	251395	251992
57	SPRINGFIELD ILLINOIS	529878	553172
58	CHAMPAIGN-URBANA ILLINOIS	394248	399648
59	LAFAYETTE-WEST LAFAYETTE INDIANA	247879	249384
60	INDIANAPOLIS INDIANA	1737811	1811364
61	ANDERSON INDIANA	569892	568729
62	CINCINNATI OHIO-KENTUCKY-INDIANA	1982890	2034789
63	DAYTON OHIO	1209738	1244218
64	COLUMBUS OHIO	1961073	2051652
65	CLARKSBURG WEST VIRGINIA	361920	367908
66	PITTSBURGH PENNSYLVANIA	3684494	3689115
67	YOUNGSTOWN-WARREN OHIO	801521	807949
68	CLEVELAND OHIO	4332456	4356347
69	LIMA OHIO	279339	285622
70	TOLEDO OHIO	1123247	1157022
71	DETROIT MICHIGAN	5499424	5651243
72	SAGINAW MICHIGAN	819577	838049
73	GRAND RAPIDS MICHIGAN	1136934	1151060
74	LANSING MICHIGAN	1108040	1150967
75	FORT WAYNE INDIANA	642317	674557
76	SOUTH BEND INDIANA	751809	763337
77	CHICAGO ILLINOIS	8581558	8780326
78	PEORIA ILLINOIS	652012	667477
79	DAVENPORT-ROCK ISLAND-MOLINE IOWA-ILLINOIS	609714	607117
80	CEDAR RAPIDS IOWA	355393	365087
81	DUBUQUE IOWA	299831	302359
82	ROCKFORD ILLINOIS	571128	580840
83	MADISON WISCONSIN	510869	542552
84	MILWAUKEE WISCONSIN	2073797	2067548
85	APPLETON-OSHKOSH WISCONSIN	928689	937449
86	WAUSAU WISCONSIN	349957	352789
87	DULUTH-SUPERIOR MINNESOTA-WISCONSIN	412593	402624
88	EAU CLAIRE WISCONSIN	226493	227119
89	LA CROSSE WISCONSIN	267098	266139
90	ROCHESTER MINNESOTA	264441	273790
91	MINNEAPOLIS-SAINT PAUL MINNESOTA	3260304	3444502
92	GRAND FORKS NORTH DAKOTA	205743	201588
93	MINOT NORTH DAKOTA	165408	157677
94	GREAT FALLS MONTANA	224420	224150
95	BILLINGS MONTANA	271052	269195
96	BISMARK NORTH DAKOTA	135118	133853
97	FARGO-MOORHEAD NORTH DAKOTA-MINNESOTA	325243	318444
98	ABERDEEN SOUTH DAKOTA	118798	115066
99	SIOUX FALLS SOUTH DAKOTA	371320	368369
100	RAPID CITY SOUTH DAKOTA	214624	209698
101	SCOTTSBLUFF NEBRASKA	94627	90671
102	GRAND ISLAND NEBRASKA	309517	304819
103	SIOUX CITY IOWA-NEBRASKA	447447	437587
104	FORT DODGE IOWA	270552	269414
105	WATERLOO IOWA	427413	419487
106	DES MOINES IOWA	839802	855383
107	OMAHA NEBRASKA-IOWA	836997	861350

Table 11. (Continued)

BEA AREA POPULATION PROJECTIONS FOR 1980 AND 1985

BEANO	BEA	1980	1985
108	LINCOLN NEBRASKA	335961	340224
109	SALINA KANSAS	332956	321129
110	WICHITA KANSAS	640870	630125
111	KANSAS CITY MISSOURI-KANSAS	2453294	2541187
112	COLUMBIA MISSOURI	428515	442261
113	QUINCY ILLINOIS	302174	303426
114	ST. LOUIS MISSOURI-ILLINOIS	3410814	3456791
115	PADUCAH KENTUCKY	609340	621506
116	SPRINGFIELD MISSOURI	902731	917412
117	LITTLE ROCK-NORTH LITTLE ROCK ARKANSAS	1012817	1062392
118	FORT SMITH ARKANSAS-OKLAHOMA	334112	346737
119	TULSA OKLAHOMA	1146669	1178556
120	OKLAHOMA CITY OKLAHOMA	1352844	1429246
121	WICHITA FALLS TEXAS	434657	436491
122	AMARILLO TEXAS	423866	414203
123	LUBBOCK TEXAS	318963	307638
124	ODESSA TEXAS	298107	295361
125	ABILENE TEXAS	268950	265650
126	SAN ANGELO TEXAS	129391	129885
127	DALLAS TEXAS	3231343	3476244
128	KILLEEN-TEMPLE TEXAS	413282	424936
129	AUSTIN TEXAS	680676	714417
130	TYLER TEXAS	663555	694300
131	TEXARKANA TEXAS-ARKANSAS	355175	361387
132	SHREVEPORT LOUISIANA	482284	492096
133	MONROE LOUISIANA	564256	564415
134	GREENVILLE MISSISSIPPI	493463	486240
135	JACKSON MISSISSIPPI	559821	588615
136	MERIDIAN MISSISSIPPI	412931	420026
137	MOBILE ALABAMA	769390	804788
138	NEW ORLEANS LOUISIANA	2360918	2427716
139	LAKE CHARLES LOUISIANA	721973	721432
140	BEAUMONT-PORT ARTHUR-ORANGE TEXAS	449080	472598
141	HOUSTON TEXAS	2938943	3183875
142	SAN ANTONIO TEXAS	1292766	1338977
143	CORPUS CHRISTI TEXAS	534372	541306
144	MCALLEN-PHARR-EDINBURG TEXAS	359015	355816
145	EL PASO TEXAS	693661	705991
146	ALBUQUERQUE NEW MEXICO	679844	710722
147	COLORADO SPRINGS COLORADO	546207	564406
148	DENVER COLORADO	2054235	2179956
149	GRAND JUNCTION COLORADO	272672	277043
150	CHEYENNE WYOMING	244174	243823
151	SALT LAKE CITY UTAH	1244833	1317808
152	IDAHO FALLS IDAHO	318872	325636
153	BUTTE MONTANA	245145	243071
154	SPOKANE WASHINGTON	724547	722537
155	SEATTLE-EVERETT WASHINGTON	2448232	2553334
156	YAKIMA WASHINGTON	414786	415722
157	PORTLAND OREGON-WASHINGTON	1864485	1959903
158	EUGENE OREGON	589760	598031
159	BOISE CITY IDAHO	291264	301748
160	RENO NEVADA	282711	314347
161	LAS VEGAS NEVADA	426387	466683

Table 11. (Continued)

BEA AREA POPULATION PROJECTIONS FOR 1980 AND 1985

BEANO	BEA	1980	1985
162	PHOENIX ARIZONA	1812629	2000471
163	TUCSON ARIZONA	590141	635253
164	SAN DIEGO CALIFORNIA	1519648	1641486
165	LOS ANGELES-LONG BEACH CALIFORNIA	11811944	12419454
166	FRESNO CALIFORNIA	1057560	1074157
167	STOCKTON CALIFORNIA	695987	716438
168	SACRAMENTO CALIFORNIA	1200466	1257166
169	REDDING CALIFORNIA	185697	190910
170	EUREKA CALIFORNIA	132383	134607
171	SAN FRANCISCO-OAKLAND CALIFORNIA	5847297	6222228
172	ANCHORAGE ALASKA	333914	361019
173	HONOLULU HAWAII	849315	910748

FOOTNOTES

1. 1976 National Energy Outlook, Federal Energy Administration, Washington, DC, February 1976. The FEA has, of course, been absorbed into the newly organized Department of Energy. However, as the relevent reference documents where released by the FEA, for the purposes of this paper we will continue to cite them to the FEA for clarity.

2. The definitions of energy consumption used in this report differ slightly from other sources. A discussion of the differences is provided in Chapter III.

3. The PIES model used by FEA allows a net increase in BTUs when crude oil is transformed into petroleum products. This point is further discussed in Chapter IV.

4. A discussion of the concept of "total net usage" is presented in Chapter IV.

5. Electricity generated from waste heat, refuse and wood has been included with geothermal and solar generation.

6. The Project Independence Evaluations Systems (PIES) is described in the 1976 National Energy Outlook. The level of regional detail presented in the PIES model is below the national level. Demand projections and electric utility generation characteristics are presented by census regions. The supply of fuels are presented by several aggregated fuel specific regions. In all cases the level of regional detail is very aggregate relative to the concerns in this report; hence the PIES model is considered a "national" as opposed to a "regional" model.

7. The choice of 1974 as a base year for the growth rate comparisons is perhaps undesireable. The year not only was the first full year following the oil boycott and its restructuring of demand patterns, but also was a year in which there was a downturn of economic activity. A better base year might be 1972. However to maintain consistency with the reported growth rates in the 1976 National Energy Outlook, we have used 1974.

8. 1976 National Energy Outlook, p. 15.

9. Ibid, Appendix C, p. 2.

10. Heat rates measure the level of fuel consumption necessary to produce a kilowatt hour of electricity. Load factors measure the utilization rate of the generating equipment.

11. The classification of electric generation by type of prime mover and fuel used is presented in Chapter IV.

12. Energy Availabilities for State and Local Development: A Methodological and Data Overview, ORNL/TM-5890.

13. The level variables measure the average per worker (per capita) use of a fuel in each consuming sector.

14. The relative variables measure the energy use per unit of activity for a state relative to the national average. The way in which the level and relative variables are used in the demand estimates is explained in Volume I of this series.

15. This information is available from FPC computer tape and is cateloged as the Generating Unit Reference File.

16. A Nationwide Assessment of Water Quality Impacts of the National Energy Plan Volume I: Summary and Conclusions, J. Dobson et. al., ORNL/TM-6098, ORNL/OEEPA-3; Regional Water Requirements for Energy in 1985 and 2000 (draft report), ORNL/TM-6120, J. E. Dobson; and Regional Implications of National Energy Scenarios: Projected Energy Demands for Water Subareas (draft report), ORNL/TM-6124.

17. Ibid.

18. Trends in Refinery Capacity and Utilizations, Federal Energy Administration, Washington, D.C., June 1975.

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REGIONAL ENERGY BALANCE STATEMENTS FOR 1980

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CENSUS REGION 1 NEW ENGLAND 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	611,024	294,286	-	81,500	-	204,046	-	214,341	1,405,197	42%
INDUSTRIAL	40,266	185,413	-	112,762	-	81,647	10,265	89,291	519,644	16%
TRANSPORTATION	57,874	84,334	565,730	140,472	-	10,237	-	-	858,647	26%
MISCELLANEOUS USES	3,041	30,811	-	1,214	-	7,029	-	1,147	43,242	1%
TOTAL FINAL DEMAND SECTORS	712,205	594,844	565,730	335,948	-	302,959	10,265	304,779	2,826,730	85%
TRANSFORMATION										
ELECTRICITY GEN.	-	574,292	-	-	-	31,317	75,372	-230,146	450,835	13%
PETROLEUM PRODUCTS	-79,667	-36,855	-126,001	-324,923	529,939	19,542	-	-	-17,965	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-79,667	537,437	-126,001	-324,923	529,939	50,859	75,372	-230,146	432,870	13%
TOTAL GROSS FLOWS	712,205	1,169,136	565,730	335,948	529,939	353,818	85,637	304,779	3,277,565	98%
LOSSES & OMISSIONS	-25,326	3,689	-970	69,432	-34	3,481	-7	30,809	81,073	2%
TOTAL NET USAGE	607,211	1,135,970	438,758	80,457	529,904	357,299	85,629	105,442	3,340,673	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	16,053	16,053	15%
NUCLEAR	-	-	-	-	-	-	-	88,484	88,484	84%
GEO.&SOLAR	-	-	-	-	-	-	-	1,397	1,397	1%
TOTAL SUPPLY	-	-	-	-	-	-	-	105,934	105,934	
NET IMPORTS OF REGION	607,211	1,135,970	438,758	80,457	529,904	357,299	85,629	-491	3,234,739	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.20%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

CENSUS REGION 2 MID ATLANTIC 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	1,032,680	514,625	-	205,342	-	867,124	56,749	622,542	3,299,062	28%
INDUSTRIAL	111,617	303,557	-	948,538	-	710,002	786,392	509,522	3,369,628	29%
TRANSPORTATION	214,352	342,468	1,630,524	530,844	-	69,075	3,162	14,749	2,865,274	24%
MISCELLANEOUS USES	9,483	53,673	-	3,792	-	28,608	-	11,190	106,746	1%
TOTAL FINAL DEMAND SECTORS	1,368,132	1,214,323	1,630,624	1,748,516	-	1,674,809	846,303	1,158,003	9,640,710	82%
TRANSFORMATION										
ELECTRICITY GEN.	400,624	669,047	-	-	-	230,647	1,445,020	-900,152	1,845,186	16%
PETROLEUM PRODUCTS	-480,360	-222,322	-759,735	-1,959,157	3,195,330	117,828	-	-	-108,316	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-79,736	446,325	-759,735	-1,959,157	3,195,330	348,475	1,445,020	-900,152	1,736,870	15%
TOTAL GROSS FLOWS	1,768,756	1,883,370	1,630,624	1,748,516	3,195,330	2,023,284	2,291,323	1,158,003	11,485,895	97%
LOSSES & OMISSIONS	-62,897	5,942	-2,798	361,376	-209	19,909	-188	117,059	438,194	4%
TOTAL NET USAGE	1,225,498	1,667,090	868,090	150,735	3,195,120	2,043,193	2,291,134	374,910	11,815,774	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	91,891	231,234	1,920,630	-	2,243,755	86%
HYDROELECTRIC	-	-	-	-	-	-	-	109,248	109,248	4%
NUCLEAR	-	-	-	-	-	-	-	260,396	260,396	10%
GEO.&SOLAR	-	-	-	-	-	-	-	2,788	2,788	0%
TOTAL SUPPLY	-	-	-	-	91,891	231,234	1,920,630	372,432	2,616,187	
NET IMPORTS OF REGION	1,225,498	1,667,090	868,090	150,735	3,103,229	1,811,959	370,504	2,478	9,199,587	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.21%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

CENSUS REGION 3 E.N.CENTRAL 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	626,375	95,342	-	373,637	-	1,916,357	91,731	819,825	3,923,267	25%
INDUSTRIAL	183,338	232,933	-	828,377	-	2,146,794	1,604,315	591,989	5,587,746	35%
TRANSPORTATION	368,732	756	2,225,778	469,253	-	166,908	-	-	3,231,427	21%
MISCELLANEOUS USES	13,673	15,222	-	5,459	-	80,429	-	13,577	128,360	1%
TOTAL FINAL DEMAND SECTORS	1,192,118	344,253	2,225,778	1,676,726	-	4,310,488	1,696,046	1,425,391	12,870,800	82%
TRANSFORMATION										
ELECTRICITY GEN.	197,866	159,178	-	-	-	157,969	3,311,024	-1,276,647	2,549,390	16%
PETROLEUM PRODUCTS	-1,097,274	-254,463	-2,312,154	-1,404,512	4,733,401	174,544	-	-	-160,458	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-899,408	-95,285	-2,312,154	-1,404,512	4,733,401	332,513	3,311,024	-1,276,647	2,388,932	15%
TOTAL GROSS FLOWS	1,389,984	503,431	2,225,778	1,676,726	4,733,401	4,643,001	5,007,070	1,425,391	15,420,190	98%
LOSSES & OMISSIONS	-49,428	1,588	-3,819	346,538	-310	45,688	-411	144,088	483,935	3%
TOTAL NET USAGE	243,281	250,556	-90,195	618,752	4,733,090	4,688,689	5,006,658	292,832	15,743,667	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	456,705	412,892	3,176,895	-	4,046,492	93%
HYDROELECTRIC	-	-	-	-	-	-	-	10,181	10,181	0%
NUCLEAR	-	-	-	-	-	-	-	284,021	284,021	7%
GEO.&SOLAR	-	-	-	-	-	-	-	691	691	0%
TOTAL SUPPLY	-	-	-	-	456,705	412,892	3,176,895	294,893	4,341,385	
NET IMPORTS OF REGION	243,281	250,556	-90,195	618,752	4,276,385	4,275,797	1,829,763	-2,060	11,402,282	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.63%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

CENSUS REGION 4 W.N. CENTRAL 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	220,032	15,299	-	266,324	-	644,456	246	348,514	1,494,871	26%
INDUSTRIAL	60,003	73,934	-	212,465	-	781,160	196,846	202,816	1,527,224	27%
TRANSPORTATION	226,862	180	1,107,018	186,516	-	52,322	-	-	1,573,898	27%
MISCELLANEOUS USES	3,381	3,167	-	1,345	-	34,433	-	3,712	46,038	1%
TOTAL FINAL DEMAND SECTORS	510,278	92,580	1,107,018	666,650	-	1,513,371	197,092	555,042	4,642,031	81%
TRANSFORMATION										
ELECTRICITY GEN.	20,550	3,029	-	-	-	110,634	1,293,265	-484,143	943,335	16%
PETROLEUM PRODUCTS	-190,286	-55,264	-431,678	-257,592	873,032	32,194	-	-	-29,594	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-169,736	-52,235	-431,678	-257,592	873,032	142,828	1,293,265	-484,143	913,741	16%
TOTAL GROSS FLOWS	530,828	95,609	1,107,018	566,650	873,032	1,656,199	1,490,357	555,042	5,585,366	97%
LOSSES & OMISSIONS	-18,876	301	-1,899	137,780	-57	15,297	-122	56,107	189,531	3%
TOTAL NET USAGE	321,665	40,646	673,440	546,838	872,974	1,672,496	1,490,234	127,006	5,745,303	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	736,850	1,521,576	932,732	-	3,191,158	96%
HYDROELECTRIC	-	-	-	-	-	-	-	54,444	54,444	2%
NUCLEAR	-	-	-	-	-	-	-	70,698	70,698	2%
GEO.&SOLAR	-	-	-	-	-	-	-	596	596	0%
TOTAL SUPPLY	-	-	-	-	736,850	1,521,576	932,732	125,738	3,316,895	
NET IMPORTS OF REGION	321,665	40,646	673,440	546,838	136,124	150,920	557,502	1,268	2,428,407	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.03%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

CENSUS REGION 5 S.ATLANTIC 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	357,383	97,236	-	316,560	-	443,760	2,217	909,138	2,126,294	20%
INDUSTRIAL	175,226	341,798	-	494,090	-	966,016	630,388	464,710	3,072,228	29%
TRANSPORTATION	301,101	65,149	1,931,117	555,044	-	46,608	-	-	2,899,019	27%
MISCELLANEOUS USES	6,802	21,841	-	2,723	-	35,973	-	26,728	94,067	1%
TOTAL FINAL DEMAND SECTORS	840,512	526,024	1,931,117	1,368,417	-	1,492,357	632,605	1,400,576	8,191,608	76%
TRANSFORMATION										
ELECTRICITY GEN.	4,197	572,173	-	-	-	109,903	2,590,150	-1,096,500	2,179,923	20%
PETROLEUM PRODUCTS	-153,773	-62,643	-200,555	-603,937	953,429	35,157	-	-	-32,322	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-149,576	509,530	-200,555	-603,937	953,429	145,060	2,590,150	-1,096,500	2,147,601	20%
TOTAL GROSS FLOWS	844,709	1,098,197	1,931,117	1,368,417	953,429	1,637,417	3,222,755	1,400,576	10,371,531	96%
LOSSES & OMISSIONS	-30,037	3,465	-3,314	282,818	-62	16,112	-264	141,580	410,297	4%
TOTAL NET USAGE	660,898	1,039,019	1,727,247	1,047,298	953,366	1,653,529	3,222,490	445,656	10,749,506	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	298,643	327,868	3,587,771	-	4,214,282	90%
HYDROELECTRIC	-	-	-	-	-	-	-	68,131	68,131	1%
NUCLEAR	-	-	-	-	-	-	-	378,781	378,781	8%
GEO.&SOLAR	-	-	-	-	-	-	-	596	596	0%
TOTAL SUPPLY	-	-	-	-	298,643	327,868	3,587,771	447,508	4,661,790	
NET IMPORTS OF REGION	660,898	1,039,019	1,727,247	1,047,298	654,723	1,325,661	-365,280	-1,851	6,087,716	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.53%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

CENSUS REGION 6 E.S.CENTRAL 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	41,538	7,285	-	177,320	-	294,989	2,391	344,267	867,830	16%
INDUSTRIAL	79,236	32,095	-	253,074	-	666,017	638,108	438,558	2,107,088	38%
TRANSPORTATION	213,331	7,551	808,253	88,498	-	42,355	-	-	1,160,038	21%
MISCELLANEOUS USES	3,232	2,393	-	1,288	-	21,100	-	2,933	30,946	1%
TOTAL FINAL DEMAND SECTORS	337,437	49,324	808,253	520,180	-	1,024,461	640,489	785,758	4,165,902	76%
TRANSFORMATION										
ELECTRICITY GEN.	34,125	88,514	-	-	-	113,332	1,581,947	-623,162	1,194,756	22%
PETROLEUM PRODUCTS	-261,291	-74,849	-516,929	-361,975	1,134,727	41,841	-	-	-38,467	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-227,166	13,670	-516,929	-361,975	1,134,727	155,173	1,581,947	-623,162	1,156,289	21%
TOTAL GROSS FLOWS	371,562	137,838	808,253	520,180	1,134,727	1,179,534	2,222,436	785,758	5,360,658	97%
LOSSES & OMISSIONS	-13,212	434	-1,387	107,508	-74	11,507	-182	79,430	184,124	3%
TOTAL NET USAGE	97,058	63,432	289,936	265,713	1,134,652	1,191,241	2,222,253	242,026	5,506,315	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	322,170	311,078	3,404,988	-	4,038,236	94%
HYDROELECTRIC	-	-	-	-	-	-	-	67,924	67,924	2%
NUCLEAR	-	-	-	-	-	-	-	175,052	175,052	4%
GEO.&SOLAR	-	-	-	-	-	-	-	598	598	0%
TOTAL SUPPLY	-	-	-	-	322,170	311,078	3,404,988	243,574	4,281,810	
NET IMPORTS OF REGION	97,058	63,432	289,936	265,713	812,482	880,163	-1,182,734	-1,547	1,224,505	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.72%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATUERAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	46,818	8,356	-	290,179	-	464,846	-	478,444	1,288,643	10%
INDUSTRIAL	108,227	78,345	-	864,588	-	5,373,694	20,286	360,884	6,806,024	55%
TRANSPORTATION	496,787	64,896	1,318,512	387,135	-	192,558	-	-	2,459,888	20%
MISCELLANEOUS USES	3,721	2,706	-	1,492	-	29,640	-	11,158	48,717	0%
TOTAL FINAL DEMAND SECTORS	655,553	154,303	1,318,512	1,543,394	-	6,060,738	20,286	850,486	10,603,272	85%
TRANSFORMATION										
ELECTRICITY GEN.	50,517	-	-	-	-	2,224,893	341,348	-871,827	1,744,931	14%
PETROLEUM PRODUCTS	-2,682,786	-845,208	-5,178,384	-3,857,983	11,733,907	432,686	-	-	-397,768	-2%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-2,632,269	-845,208	-5,178,384	-3,857,983	11,733,907	2,657,579	341,348	-871,827	1,347,163	11%
TOTAL GROSS FLOWS	706,070	154,303	1,318,512	1,543,394	11,733,907	8,718,317	361,634	850,486	12,348,203	99%
LOSSES & OMISSIONS	-25,107	486	-2,262	318,982	-768	85,790	-29	85,973	463,063	4%
TOTAL NET USAGE	-2,001,823	-690,418	-3,862,134	-1,995,606	11,733,138	8,804,107	361,604	64,632	12,413,498	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	15,077,156	16,696,329	429,067	-	32,202,552	100%
HYDROELECTRIC	-	-	-	-	-	-	-	14,746	14,746	0%
NUCLEAR	-	-	-	-	-	-	-	42,193	42,193	0%
GEO.&SOLAR	-	-	-	-	-	-	-	5,867	5,867	0%
TOTAL SUPPLY	-	-	-	-	15,077,156	16,696,329	429,067	62,806	32,265,358	
NET IMPORTS OF REGION	-2,001,823	-690,418	-3,862,134	-1,995,606	-3,344,017	-7,892,221	-67,462	1,826	-19,851,859	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.68%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

CENSUS REGION 8 MOUNTAIN 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	61,551	10,787	-	120,886	-	314,594	2,711	260,956	771,485	22%
INDUSTRIAL	91,587	41,691	-	76,471	-	484,218	113,005	114,822	921,794	26%
TRANSPORTATION	213,841	135	626,164	202,053	-	28,130	-	-	1,070,323	30%
MISCELLANEOUS USES	1,065	2,173	-	422	-	25,096	-	5,982	34,738	1%
TOTAL FINAL DEMAND SECTORS	368,044	54,786	626,164	399,832	-	852,038	115,716	381,760	2,798,340	80%
TRANSFORMATION										
ELECTRICITY GEN.	1,387	-	-	-	-	178,010	800,957	-345,444	634,910	18%
PETROLEUM PRODUCTS	-225,021	-82,038	-677,430	-256,667	1,168,464	43,087	-	-	-39,605	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-223,634	-82,038	-677,430	-256,667	1,168,464	221,097	800,957	-345,444	595,305	17%
TOTAL GROSS FLOWS	369,431	54,786	626,164	399,832	1,168,464	1,073,135	916,673	381,760	3,433,250	98%
LOSSES & OMISSIONS	-13,137	172	-1,074	82,635	-76	10,559	-75	38,591	117,595	3%
TOTAL NET USAGE	131,272	-27,079	-52,340	215,800	1,168,387	1,083,694	916,597	74,907	3,511,240	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	2,120,352	2,393,232	4,011,998	-	8,525,582	99%
HYDROELECTRIC	-	-	-	-	-	-	-	67,115	67,115	1%
NUCLEAR	-	-	-	-	-	-	-	6,887	6,887	0%
GEO.&SOLAR	-	-	-	-	-	-	-	100	100	0%
TOTAL SUPPLY	-	-	-	-	2,120,352	2,393,232	4,011,998	74,102	8,599,684	
NET IMPORTS OF REGION	131,272	-27,079	-52,340	215,800	-951,964	-1,309,537	-3,095,400	805	-5,088,443	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =54.76%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

CENSUS REGION 9 PACIFIC 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	113,726	44,684	-	250,946	-	682,978	83	575,081	1,667,498	19%
INDUSTRIAL	123,867	175,107	-	450,561	-	1,105,529	44,505	361,201	2,260,770	26%
TRANSPORTATION	412,550	73,019	2,550,553	885,294	-	71,396	-	-	3,992,812	46%
MISCELLANEOUS USES	5,635	8,757	-	2,255	-	41,339	-	13,859	71,845	1%
TOTAL FINAL DEMAND SECTORS	655,778	301,567	2,550,553	1,589,056	-	1,901,242	44,588	950,141	7,992,925	92%
TRANSFORMATION										
ELECTRICITY GEN.	35,624	205,531	-	-	-	457,161	46,318	-240,076	504,558	6%
PETROLEUM PRODUCTS	-1,616,780	-595,810	-2,353,364	-1,677,201	5,830,510	215,001	-	-	-197,644	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-1,581,156	-390,279	-2,353,364	-1,677,201	5,830,510	672,162	46,318	-240,076	306,914	4%
TOTAL GROSS FLOWS	691,402	507,098	2,550,553	1,589,056	5,830,510	2,573,404	90,906	950,141	8,497,483	97%
LOSSES & OMISSIONS	-24,586	1,600	-4,377	328,419	-381	25,322	-7	96,047	422,036	5%
TOTAL NET USAGE	-949,964	-87,111	192,811	240,274	5,830,128	2,598,726	90,898	806,112	8,721,875	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	6,710,746	654,335	23,422	-	7,388,503	90%
HYDROELECTRIC	-	-	-	-	-	-	-	771,661	771,661	9%
NUCLEAR	-	-	-	-	-	-	-	16,040	16,040	0%
GEO.&SOLAR	-	-	-	-	-	-	-	18,837	18,837	0%
TOTAL SUPPLY	-	-	-	-	6,710,746	654,335	23,422	806,538	8,195,041	
NET IMPORTS OF REGION	-949,964	-87,111	192,811	240,274	-880,617	1,944,391	67,476	-425	526,834	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.76%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

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State Tables for 1980

STATE 1 ALABAMA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	9,025	2,771	-	45,630	-	70,652	276	91,391	219,745	14%
INDUSTRIAL	35,453	13,610	-	65,633	-	217,158	265,610	95,674	693,148	44%
TRANSPORTATION	48,597	5,428	212,733	11,264	-	11,126	-	-	289,148	19%
MISCELLANEOUS USES	849	846	-	339	-	6,185	-	45	8,264	1%
TOTAL FINAL DEMAND SECTORS	93,924	22,655	212,733	122,866	-	305,131	265,886	187,110	1,210,305	77%
TRANSFORMATION										
ELECTRICITY GEN.	7,885	9,534	-	-	-	11,065	457,656	-166,429	319,691	20%
PETROLEUM PRODUCTS	-34,978	-11,029	-66,872	-50,400	152,486	5,623	-	-	-5,170	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-27,093	-1,495	-66,872	-50,400	152,486	15,688	457,656	-166,429	314,521	20%
TOTAL GROSS FLOWS	101,809	32,189	212,733	122,866	152,486	321,799	723,542	187,110	1,529,996	98%
LOSSES & OMISSIONS	-3,620	101	-365	25,393	-9	3,166	-59	18,914	43,521	3%
TOTAL NET USAGE	63,210	21,261	145,495	97,859	152,476	324,965	723,482	39,595	1,568,387	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	61,472	86,620	357,026	-	505,118	81%
HYDROELECTRIC	-	-	-	-	-	-	-	31,624	31,624	5%
NUCLEAR	-	-	-	-	-	-	-	88,956	88,956	14%
GEO.&SOLAR	-	-	-	-	-	-	-	141	141	0%
TOTAL SUPPLY	-	-	-	-	61,472	86,620	357,026	120,721	625,839	
NET IMPORTS OF REGION	63,210	21,261	145,495	97,359	91,004	238,345	366,456	-81,125	942,508	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.76%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 2 ALASKA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	12,314	117	-	3,251	-	12,329	7	4,679	32,697	9%
INDUSTRIAL	31,253	64,181	-	9,790	-	51,020	348	2,836	159,428	44%
TRANSPORTATION	8,109	1,222	22,096	107,726	-	807	-	-	139,960	39%
MISCELLANEOUS USES	64	87	-	25	-	3,998	-	239	4,413	1%
TOTAL FINAL DEMAND SECTORS	51,740	65,607	22,096	120,792	-	68,154	355	7,754	336,498	93%
TRANSFORMATION										
ELECTRICITY GEN.	3,076	355	-	-	-	3,731	-	-2,166	4,996	1%
PETROLEUM PRODUCTS	-50,206	-18,502	-73,079	-52,082	181,055	6,676	-	-	-6,138	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-47,130	-18,147	-73,079	-52,082	181,055	10,407	-	-2,166	-1,142	0%
TOTAL GROSS FLOWS	54,816	65,962	22,096	120,792	181,055	78,561	355	7,754	341,494	95%
LOSSES & OMISSIONS	-1,949	208	-37	24,964	-11	773	-0	783	24,730	7%
TOTAL NET USAGE	2,660	47,668	-51,020	93,674	181,043	79,334	354	6,371	360,086	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	3,462,281	-	2,189	-	3,464,470	100%
HYDROELECTRIC	-	-	-	-	-	-	-	958	958	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	5	5	0%
TOTAL SUPPLY	-	-	-	-	3,462,281	-	2,189	963	3,465,433	
NET IMPORTS OF REGION	2,660	47,668	-51,020	93,674	-3,281,237	79,334	-1,834	5,408	-3,105,346	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =69.76%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 4 ARIZONA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	2,795	5,472	-	27,478	-	49,363	421	68,013	153,542	25%
INDUSTRIAL	5,954	2,681	-	5,953	-	51,803	22,642	10,530	99,603	16%
TRANSPORTATION	33,591	3	140,230	38,484	-	6,706	-	-	219,064	36%
MISCELLANEOUS USES	253	944	-	101	-	3,706	-	1,429	6,433	1%
TOTAL FINAL DEMAND SECTORS	42,593	9,100	140,230	72,016	-	111,678	23,063	79,972	478,642	78%
TRANSFORMATION										
ELECTRICITY GEN.	1,052	-	-	-	-	22,806	156,350	-64,650	115,558	19%
PETROLEUM PRODUCTS	-4,106	-1,513	-5,977	-4,259	14,809	556	-	-	-500	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-3,054	-1,513	-5,977	-4,259	14,809	23,362	156,350	-64,650	115,058	19%
TOTAL GROSS FLOWS	43,645	9,100	140,280	72,016	14,809	134,970	179,413	79,972	594,200	96%
LOSSES & OMISSIONS	-1,552	28	-240	14,883	-0	1,328	-14	8,084	22,516	4%
TOTAL NET USAGE	37,986	7,615	134,062	82,640	14,808	136,298	179,398	23,406	616,286	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	6,495	11,542	26,487	-	44,524	67%
HYDROELECTRIC	-	-	-	-	-	-	-	22,219	22,219	33%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	16	16	0%
TOTAL SUPPLY	-	-	-	-	6,495	11,542	26,487	22,235	66,759	
NET IMPORTS OF REGION	37,986	7,615	134,062	82,640	8,313	124,756	152,911	1,171	549,457	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =64.12%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.26%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 5 ARKANSAS 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	6,639	2,254	-	30,212	-	59,228	-	39,486	137,819	19%
INDUSTRIAL	26,511	15,306	-	66,264	-	77,648	2,007	29,591	218,327	31%
TRANSPORTATION	78,008	161	127,823	18,458	-	19,372	-	-	243,822	34%
MISCELLANEOUS USES	374	444	-	149	-	3,874	-	538	5,379	1%
TOTAL FINAL DEMAND SECTORS	111,532	18,165	127,823	115,083	-	160,122	2,007	69,615	605,347	85%
TRANSFORMATION										
ELECTRICITY GEN.	5,204	-	-	-	-	87,950	25,911	-41,907	77,158	11%
PETROLEUM PRODUCTS	-22,458	-7,081	-42,935	-32,359	97,904	3,610	-	-	-3,319	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-17,254	-7,081	-42,935	-32,359	97,904	91,560	25,911	-41,907	73,839	10%
TOTAL GROSS FLOWS	116,736	19,165	127,823	115,083	97,904	251,682	27,918	69,615	682,505	96%
LOSSES & OMISSIONS	-4,151	60	-219	23,784	-6	2,476	-2	7,037	28,979	4%
TOTAL NET USAGE	90,126	12,144	84,668	106,508	97,897	254,158	27,915	34,745	708,165	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	117,978	211,672	9,434	-	339,084	94%
HYDROELECTRIC	-	-	-	-	-	-	-	5,657	5,657	2%
NUCLEAR	-	-	-	-	-	-	-	17,780	17,780	5%
GEO.&SOLAR	-	-	-	-	-	-	-	49	49	0%
TOTAL SUPPLY	-	-	-	-	117,978	211,672	9,434	23,486	362,570	
NET IMPORTS OF REGION	90,126	12,144	84,668	106,508	-20,080	42,486	18,481	11,259	345,595	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =64.80%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 6 CALIFORNIA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	16,482	7,773	-	188,147	-	538,442	1	385,752	1,136,597	19%
INDUSTRIAL	28,319	24,290	-	357,702	-	809,699	30,243	168,883	1,419,136	24%
TRANSPORTATION	256,480	64,012	1,953,682	525,867	-	54,276	-	-	2,864,317	48%
MISCELLANEOUS USES	4,283	2,844	-	1,714	-	31,862	-	11,089	51,792	1%
TOTAL FINAL DEMAND SECTORS	315,564	98,919	1,953,682	1,073,430	-	1,434,279	30,244	565,724	5,471,842	92%
TRANSFORMATION										
ELECTRICITY GEN.	25,086	194,258	-	-	-	267,706	-	-158,757	328,293	6%
PETROLEUM PRODUCTS	-1,284,382	-473,316	-1,869,529	-1,332,381	4,631,801	170,798	-	-	-157,009	-2%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-1,259,296	-279,058	-1,869,529	-1,332,381	4,631,801	438,504	-	-158,757	171,284	3%
TOTAL GROSS FLOWS	340,650	293,177	1,953,682	1,073,430	4,631,801	1,872,783	30,244	565,724	5,800,135	98%
LOSSES & OMISSIONS	-2,113	925	-3,352	221,852	-303	18,428	-2	57,187	282,620	5%
TOTAL NET USAGE	-955,845	-179,213	80,800	-37,098	4,631,497	1,891,211	30,241	464,154	5,925,746	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	3,248,465	654,335	-	-	3,902,800	94%
HYDROELECTRIC	-	-	-	-	-	-	-	215,264	215,264	5%
NUCLEAR	-	-	-	-	-	-	-	9,992	9,992	0%
GEO.&SOLAR	-	-	-	-	-	-	-	18,589	18,589	0%
TOTAL SUPPLY	-	-	-	-	3,248,465	654,335	-	243,845	4,146,645	
NET IMPORTS OF REGION	-955,845	-179,213	80,800	-37,098	1,383,032	1,236,876	30,241	220,309	1,779,101	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.4C%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 8 COLORADO 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
				(ALL UNITS IN 10**9 BTU'S)						
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	10,805	1,650	-	32,767	-	122,023	712	61,034	228,991	28%
INDUSTRIAL	24,541	9,303	-	16,013	-	68,250	27,230	9,155	154,492	19%
TRANSPORTATION	26,541	8	159,150	89,835	-	7,788	-	-	283,322	34%
MISCELLANEOUS USES	295	384	-	117	-	10,170	-	1,808	12,774	2%
TOTAL FINAL DEMAND SECTORS	62,182	11,345	159,150	138,732	-	208,231	27,942	71,997	679,579	83%
TRANSFORMATION										
ELECTRICITY GEN.	265	-	-	-	-	21,410	150,817	-62,072	110,420	13%
PETROLEUM PRODUCTS	-20,863	-7,821	-68,378	-23,668	112,751	4,158	-	-	-3,821	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-20,598	-7,821	-68,378	-23,668	112,751	25,568	150,817	-62,072	106,599	13%
TOTAL GROSS FLOWS	62,447	11,345	159,150	138,732	112,751	233,799	178,759	71,997	789,999	96%
LOSSES & OMISSIONS	-2,220	35	-273	28,672	-7	2,300	-14	7,277	35,771	4%
TOTAL NET USAGE	39,363	3,559	90,498	143,736	112,743	236,099	178,744	17,202	821,949	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	259,660	231,235	688,221	-	1,179,116	99%
HYDROELECTRIC	-	-	-	-	-	-	-	4,901	4,901	0%
NUCLEAR	-	-	-	-	-	-	-	6,887	6,887	1%
GEO.&SOLAR	-	-	-	-	-	-	-	14	14	0%
TOTAL SUPPLY	-	-	-	-	259,660	231,235	688,221	11,802	1,190,918	
NET IMPORTS OF REGION	39,363	3,559	90,498	143,736	-146,916	4,864	-509,476	5,400	-368,968	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =64.01%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 9 CONNECTICUT 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	114,843	33,546	-	20,023	-	47,007	-	61,934	277,353	35%
INDUSTRIAL	12,632	60,344	-	40,209	-	25,559	3,822	21,403	163,969	21%
TRANSPORTATION	17,707	3,138	148,371	33,553	-	2,653	-	-	205,422	26%
MISCELLANEOUS USES	788	3,232	-	315	-	1,474	-	25	5,834	1%
TOTAL FINAL DEMAND SECTORS	145,970	100,260	148,371	94,100	-	76,693	3,822	83,362	652,578	83%
TRANSFORMATION										
ELECTRICITY GEN.	-	156,410	-	-	-	8,503	-	-56,200	108,713	14%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-	156,410	-	-	-	8,503	-	-56,200	108,713	14%
TOTAL GROSS FLOWS	145,970	256,670	148,371	94,100	-	85,196	3,822	83,362	761,291	97%
LOSSES & OMISSIONS	-5,190	809	-254	19,448	-	838	-0	8,426	24,077	3%
TOTAL NET USAGE	140,779	257,479	148,116	113,548	-	86,034	3,821	35,588	785,368	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	1,058	1,058	2%
NUCLEAR	-	-	-	-	-	-	-	46,470	46,470	97%
GEO.&SOLAR	-	-	-	-	-	-	-	162	162	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	47,690	47,690	
NET IMPORTS OF REGION	140,779	257,479	148,116	113,548	-	86,034	3,821	-12,101	737,678	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.32%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 11 WASHINGTON, D.C. 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	12,449	19,124	-	7,388	-	17,133	9	19,941	76,044	47%
INDUSTRIAL	148	240	-	1,367	-	521	562	954	3,792	2%
TRANSPORTATION	5,358	30	30,023	11,534	-	981	-	-	47,926	29%
MISCELLANEOUS USES	143	5,925	-	57	-	2,530	-	14	8,669	5%
TOTAL FINAL DEMAND SECTORS	18,098	25,319	30,023	20,346	-	21,165	571	20,909	136,431	84%
TRANSFORMATION										
ELECTRICITY GEN.	115	18,932	-	-	-	947	11,397	-11,051	20,340	12%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	115	18,932	-	-	-	947	11,397	-11,051	20,340	12%
TOTAL GROSS FLOWS	18,213	44,251	30,023	20,346	-	22,112	11,968	20,909	156,771	96%
LOSSES & OMISSIONS	-647	139	-51	4,205	-	217	-0	2,113	5,975	4%
TOTAL NET USAGE	17,565	44,390	29,971	24,551	-	22,329	11,967	11,971	162,746	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	103	103	93%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	8	8	7%
TOTAL SUPPLY	-	-	-	-	-	-	-	111	111	
NET IMPORTS OF REGION	17,565	44,390	29,971	24,551	-	22,329	11,967	11,860	162,635	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =64.80%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 10 DELAWARE 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	23,610	1,859	-	8,103	-	8,928	44	30,825	73,369	20%
INDUSTRIAL	10,836	29,781	-	52,575	-	48,187	3,900	40,730	192,009	50%
TRANSPORTATION	2,195	5,134	30,376	1,025	-	819	-	-	39,549	11%
MISCELLANEOUS USES	119	299	-	48	-	400	-	18	884	0%
TOTAL FINAL DEMAND SECTORS	36,760	37,073	30,376	61,751	-	58,334	3,944	71,573	295,811	81%
TRANSFORMATION										
ELECTRICITY GEN.	120	21,949	-	-	-	8,893	72,615	-33,155	65,422	18%
PETROLEUM PRODUCTS	-80,135	-32,647	-104,514	-314,726	496,857	18,322	-	-	-16,843	-4%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-80,015	-10,698	-104,514	-314,726	496,857	27,215	72,615	-33,155	48,579	13%
TOTAL GROSS FLOWS	35,880	59,022	30,376	61,751	496,857	76,549	76,559	71,573	361,233	99%
LOSSES & OMISSIONS	-1,311	186	-52	12,762	-32	753	-6	7,235	19,534	5%
TOTAL NET USAGE	-44,566	26,561	-74,190	-240,212	496,824	77,302	76,552	45,653	363,924	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	426	426	93%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	33	33	7%
TOTAL SUPPLY	-	-	-	-	-	-	-	459	459	
NET IMPORTS OF REGION	-44,566	26,561	-74,190	-240,212	496,824	77,302	76,552	45,194	363,465	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.37%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 12 FLORIDA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	29,988	13,321	-	70,587	-	35,890	630	261,960	412,476	20%
INDUSTRIAL	34,596	61,420	-	73,979	-	123,378	27,457	50,262	371,092	18%
TRANSPORTATION	40,315	12,569	455,745	256,235	-	11,696	-	-	776,560	37%
MISCELLANEOUS USES	1,707	2,325	-	684	-	2,866	-	7,247	14,829	1%
TOTAL FINAL DEMAND SECTORS	106,606	89,635	455,745	401,585	-	173,830	28,087	319,469	1,574,957	75%
TRANSFORMATION										
ELECTRICITY GEN.	1,769	311,323	-	-	-	40,128	293,010	-223,216	423,014	20%
PETROLEUM PRODUCTS	-3,263	-1,329	-4,255	-12,814	20,229	746	-	-	-686	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-1,494	309,994	-4,255	-12,814	20,229	40,874	293,010	-223,216	422,328	20%
TOTAL GROSS FLOWS	108,375	400,958	455,745	401,585	20,229	214,704	321,097	319,469	1,997,971	95%
LOSSES & OMISSIONS	-3,853	1,265	-782	82,997	-1	2,112	-26	32,294	114,006	5%
TOTAL NET USAGE	101,258	400,894	450,707	471,768	20,227	216,816	321,070	128,547	2,111,291	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	223,427	31,544	-	-	254,971	80%
HYDROELECTRIC	-	-	-	-	-	-	-	1,922	1,922	1%
NUCLEAR	-	-	-	-	-	-	-	60,239	60,239	19%
GEO.&SOLAR	-	-	-	-	-	-	-	128	128	0%
TOTAL SUPPLY	-	-	-	-	223,427	31,544	-	62,289	317,260	
NET IMPORTS OF REGION	101,258	400,894	450,707	471,768	-203,199	185,272	321,070	66,258	1,794,031	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.46%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 13 GEORGIA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	20,423	12,875	-	41,201	-	99,938	70	131,953	306,460	19%
INDUSTRIAL	22,022	50,860	-	49,805	-	197,374	36,043	66,682	422,786	26%
TRANSPORTATION	64,035	1,384	274,755	121,882	-	6,741	-	-	468,797	29%
MISCELLANEOUS USES	985	2,400	-	393	-	6,888	-	277	10,943	1%
TOTAL FINAL DEMAND SECTORS	107,465	67,519	274,755	213,281	-	310,941	36,113	198,912	1,208,986	74%
TRANSFORMATION										
ELECTRICITY GEN.	500	13,003	-	-	-	24,530	491,374	-173,601	355,805	22%
PETROLEUM PRODUCTS	-10,303	-4,198	-13,437	-40,465	63,882	2,355	-	-	-2,166	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-9,803	8,805	-13,437	-40,465	63,882	26,885	491,374	-173,601	353,640	22%
TOTAL GROSS FLOWS	107,965	80,522	274,755	213,281	63,882	337,826	527,487	198,912	1,564,792	96%
LOSSES & OMISSIONS	-3,839	254	-471	44,080	-4	3,324	-43	20,107	63,407	4%
TOTAL NET USAGE	93,822	76,578	260,846	216,896	63,877	341,150	527,443	45,418	1,626,033	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	19,201	19,201	28%
NUCLEAR	-	-	-	-	-	-	-	48,635	48,635	72%
GEO.&SOLAR	-	-	-	-	-	-	-	85	85	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	67,921	67,921	
NET IMPORTS OF REGION	93,822	76,578	260,846	216,896	63,877	341,150	527,443	-22,502	1,558,112	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.21%
2 TRANSFORMATION LOSS FOR PEIROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 15 HAWAII 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	511	584	-	7,113	-	12,717	15	10,877	31,817	10%
INDUSTRIAL	9,728	12,577	-	10,115	-	2,734	564	2,537	38,255	12%
TRANSPORTATION	8,816	4,306	48,633	140,346	-	2,053	-	-	204,154	66%
MISCELLANEOUS USES	162	210	-	65	-	150	-	612	1,199	0%
TOTAL FINAL DEMAND SECTORS	19,217	17,677	48,633	157,639	-	17,654	579	14,026	275,425	89%
TRANSFORMATION										
ELECTRICITY GEN.	-	8,355	-	-	-	6,502	-	-4,944	9,913	3%
PETROLEUM PRODUCTS	-65,675	-24,202	-95,596	-68,129	236,841	8,734	-	-	-8,027	-2%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-65,675	-15,847	-95,596	-68,129	236,841	15,236	-	-4,944	1,886	1%
TOTAL GROSS FLOWS	19,217	26,032	48,633	157,639	236,841	32,890	579	14,026	285,338	92%
LOSSES & OMISSIONS	-683	82	-83	32,580	-15	323	-0	1,417	33,621	11%
TOTAL NET USAGE	-47,141	1,912	-47,046	122,090	236,825	33,213	578	10,499	310,932	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	1,671	1,671	99%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	9	9	1%
TOTAL SUPPLY	-	-	-	-	-	-	-	1,680	1,680	
NET IMPORTS OF REGION	-47,141	1,912	-47,046	122,090	236,825	33,213	578	8,819	309,252	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.72%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 16 IDAHO 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
				(ALL UNITS IN 10**9 BTU'S)						
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	16,853	469	-	10,528	-	12,781	134	28,208	68,973	31%
INDUSTRIAL	5,903	2,762	-	4,310	-	15,705	10,768	23,508	62,956	28%
TRANSPORTATION	14,663	-	48,543	1,366	-	2,130	-	-	66,702	30%
MISCELLANEOUS USES	80	97	-	32	-	1,001	-	360	1,570	1%
TOTAL FINAL DEMAND SECTORS	37,499	3,328	48,543	16,236	-	31,617	10,902	52,076	200,201	89%
TRANSFORMATION										
ELECTRICITY GEN.	-	-	-	-	-	21,306	-	-5,222	16,084	7%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-	-	-	-	-	21,306	-	-5,222	16,084	7%
TOTAL GROSS FLOWS	37,499	3,328	48,543	16,236	-	52,923	10,902	52,076	216,285	97%
LOSSES & OMISSIONS	-1,333	10	-83	3,355	-	520	-0	5,264	7,733	3%
TOTAL NET USAGE	36,165	3,338	48,459	19,591	-	53,443	10,901	52,118	224,018	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	17,208	17,208	100%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	17	17	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	17,225	17,225	
NET IMPORTS OF REGION	36,165	3,338	48,459	19,591	-	53,443	10,901	34,893	206,793	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =75.49%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 17 ILLINOIS 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
				(ALL UNITS IN 10**9 BTU'S)						
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	142,764	57,257	-	101,058	-	561,419	26,309	229,516	1,118,323	29%
INDUSTRIAL	51,689	54,675	-	249,691	-	464,313	231,061	117,066	1,168,495	30%
TRANSPORTATION	103,834	190	557,112	133,440	-	45,916	-	-	840,492	22%
MISCELLANEOUS USES	3,761	7,082	-	1,501	-	21,814	-	6,870	41,028	1%
TOTAL FINAL DEMAND SECTORS	302,048	119,204	557,112	485,690	-	1,093,462	257,370	353,452	3,168,338	83%
TRANSFORMATION										
ELECTRICITY GEN.	47,829	56,173	-	-	-	42,293	768,651	-305,197	609,749	16%
PETROLEUM PRODUCTS	-517,484	-119,680	-1,089,527	-661,967	2,230,777	82,261	-	-	-75,620	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-469,655	-63,507	-1,089,527	-661,967	2,230,777	124,554	768,651	-305,197	534,129	14%
TOTAL GROSS FLOWS	349,877	175,377	557,112	485,690	2,230,777	1,218,016	1,026,021	353,452	3,778,087	98%
LOSSES & OMISSIONS	-12,441	553	-956	100,380	-146	11,985	-84	35,729	135,020	4%
TOTAL NET USAGE	-180,048	56,250	-533,371	-75,896	2,230,630	1,230,001	1,025,936	83,984	3,837,487	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	143,610	46,146	1,467,944	-	1,657,700	92%
HYDROELECTRIC	-	-	-	-	-	-	-	303	303	0%
NUCLEAR	-	-	-	-	-	-	-	143,830	143,830	8%
GEO.&SOLAR	-	-	-	-	-	-	-	146	146	0%
TOTAL SUPPLY	-	-	-	-	143,610	46,146	1,467,944	144,279	1,801,979	
NET IMPORTS OF REGION	-180,048	56,250	-533,371	-75,896	2,087,020	1,183,855	-442,007	-60,294	2,035,508	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.64%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 18 INDIANA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	108,394	23,371	-	50,648	-	199,365	16,006	111,062	508,845	19%
INDUSTRIAL	53,135	77,892	-	173,499	-	383,681	249,324	94,643	1,032,174	38%
TRANSPORTATION	72,396	126	322,988	185,933	-	21,947	-	-	603,390	22%
MISCELLANEOUS USES	1,799	3,281	-	716	-	9,051	-	246	15,093	1%
TOTAL FINAL DEMAND SECTORS	235,724	104,670	322,988	410,796	-	614,044	265,330	205,951	2,159,503	79%
TRANSFORMATION										
ELECTRICITY GEN.	26,545	24,921	-	-	-	22,205	672,524	-250,598	495,597	18%
PETROLEUM PRODUCTS	-243,898	-56,407	-513,512	-311,996	1,051,400	38,769	-	-	-35,644	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-217,353	-31,486	-513,512	-311,996	1,051,400	60,974	672,524	-250,598	459,953	17%
TOTAL GROSS FLOWS	262,269	129,591	322,988	410,796	1,051,400	675,018	937,854	205,951	2,655,100	98%
LOSSES & OMISSIONS	-9,326	408	-554	84,901	-68	6,642	-76	20,818	102,745	4%
TOTAL NET USAGE	9,044	73,592	-191,078	183,701	1,051,331	681,660	937,777	-23,828	2,722,201	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	20,398	5,585	591,468	-	617,451	100%
HYDROELECTRIC	-	-	-	-	-	-	-	498	498	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	88	88	0%
TOTAL SUPPLY	-	-	-	-	20,398	5,585	591,468	586	618,037	
NET IMPORTS OF REGION	9,044	73,592	-191,078	183,701	1,030,933	676,075	346,309	-24,414	2,104,164	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.42%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 19 IOWA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	36,566	695	-	45,555	-	125,443	24	56,943	265,226	27%
INDUSTRIAL	12,002	5,576	-	26,988	-	118,149	67,935	46,748	281,298	28%
TRANSPORTATION	43,224	8	188,574	10,023	-	9,128	-	-	250,957	25%
MISCELLANEOUS USES	578	303	-	230	-	6,287	-	412	7,810	1%
TOTAL FINAL DEMAND SECTORS	92,370	10,582	188,574	82,696	-	259,007	67,959	104,103	805,291	81%
TRANSFORMATION										
ELECTRICITY GEN.	5,178	763	-	-	-	5,838	231,812	-83,589	160,002	16%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	5,178	763	-	-	-	5,838	231,812	-83,589	160,002	16%
TOTAL GROSS FLOWS	97,548	11,345	188,574	82,696	-	264,845	299,771	104,103	965,293	97%
LOSSES & OMISSIONS	-3,468	35	-323	17,091	-	2,606	-24	10,523	26,439	3%
TOTAL NET USAGE	94,079	11,380	188,250	99,787	-	267,451	299,746	31,037	991,732	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	15,761	-	15,761	53%
HYDROELECTRIC	-	-	-	-	-	-	-	2,853	2,853	10%
NUCLEAR	-	-	-	-	-	-	-	10,799	10,799	37%
GEO.&SOLAR	-	-	-	-	-	-	-	111	111	0%
TOTAL SUPPLY	-	-	-	-	-	-	15,761	13,763	29,524	
NET IMPORTS OF REGION	94,079	11,380	188,250	99,787	-	267,451	283,985	17,274	962,208	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.68%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 20 KANSAS 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	4,468	369	-	33,969	-	102,526	16	52,643	193,991	19%
INDUSTRIAL	5,049	8,041	-	54,162	-	292,749	7,662	39,742	407,405	41%
TRANSPORTATION	36,785	16	158,093	9,671	-	6,943	-	-	211,508	21%
MISCELLANEOUS USES	440	237	-	175	-	6,557	-	331	7,740	1%
TOTAL FINAL DEMAND SECTORS	46,742	8,663	158,093	97,977	-	408,775	7,678	92,716	820,644	82%
TRANSFORMATION										
ELECTRICITY GEN.	1,423	138	-	-	-	74,053	161,247	-75,410	161,451	16%
PETROLEUM PRODUCTS	-89,180	-27,592	-206,380	-132,856	417,089	15,380	-	-	-14,139	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-87,757	-27,454	-206,380	-132,856	417,089	89,433	161,247	-75,410	147,312	15%
TOTAL GROSS FLOWS	48,165	8,801	158,093	97,977	417,089	498,208	168,925	92,716	982,095	98%
LOSSES & OMISSIONS	-1,712	27	-271	20,249	-27	4,902	-13	9,372	32,526	3%
TOTAL NET USAGE	-42,727	-18,763	-49,158	-4,629	417,061	503,110	168,911	26,678	1,000,482	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	567,222	1,463,745	24,954	-	2,055,921	100%
HYDROELECTRIC	-	-	-	-	-	-	-	698	698	0%
NUCLEAR	-	-	-	-	-	-	-	340	340	0%
GEO.&SOLAR	-	-	-	-	-	-	-	101	101	0%
TOTAL SUPPLY	-	-	-	-	567,222	1,463,745	24,954	1,139	2,057,060	
NET IMPORTS OF REGION	-42,727	-18,763	-49,158	-4,629	-150,160	-960,634	143,957	25,539	-1,056,577	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.76%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 21 KENTUCKY 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	10,866	1,260	-	45,166	-	106,136	726	73,270	237,424	16%
INDUSTRIAL	13,671	3,782	-	55,531	-	116,278	143,872	163,393	496,527	33%
TRANSPORTATION	48,825	245	197,420	32,032	-	10,751	-	-	289,273	19%
MISCELLANEOUS USES	819	514	-	327	-	6,696	-	2,349	10,705	1%
TOTAL FINAL DEMAND SECTORS	74,181	5,801	197,420	133,056	-	239,861	144,598	239,012	1,033,929	69%
TRANSFORMATION										
ELECTRICITY GEN.	11,128	25,810	-	-	-	10,877	597,093	-221,956	422,952	28%
PETROLEUM PRODUCTS	-70,838	-16,382	-149,144	-90,616	305,369	11,260	-	-	-10,351	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-59,710	9,428	-149,144	-90,616	305,369	22,137	597,093	-221,956	412,601	28%
TOTAL GROSS FLOWS	85,309	31,611	197,420	133,056	305,369	261,998	741,691	239,012	1,456,881	97%
LOSSES & OMISSIONS	-3,033	99	-338	27,499	-20	2,578	-60	24,161	50,885	3%
TOTAL NET USAGE	11,437	15,328	47,937	69,939	305,348	264,576	741,630	41,217	1,497,415	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	49,587	94,500	2,874,156	-	3,018,243	100%
HYDROELECTRIC	-	-	-	-	-	-	-	8,704	8,704	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	188	188	0%
TOTAL SUPPLY	-	-	-	-	49,587	94,500	2,874,156	8,892	3,027,135	
NET IMPORTS OF REGION	11,437	15,328	47,937	69,939	255,761	170,076	-2,132,525	32,325	-1,529,719	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.58%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 22 LOUISIANA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	1,863	78	-	48,759	-	65,978	-	78,693	195,371	6%
INDUSTRIAL	42,327	32,459	-	180,894	-	2,206,776	2,661	100,221	2,565,338	75%
TRANSPORTATION	57,925	23,998	186,157	52,413	-	34,658	-	-	355,151	10%
MISCELLANEOUS USES	669	278	-	268	-	3,524	-	1,777	6,516	0%
TOTAL FINAL DEMAND SECTORS	102,784	56,813	186,157	282,334	-	2,310,936	2,661	180,691	3,122,376	92%
TRANSFORMATION										
ELECTRICITY GEN.	10,923	-	-	-	-	410,708	30,811	-144,179	308,263	9%
PETROLEUM PRODUCTS	-808,438	-254,913	-1,545,586	-1,164,878	3,524,379	129,961	-	-	-119,475	-3%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-797,515	-254,913	-1,545,586	-1,164,878	3,524,379	540,669	30,811	-144,179	188,788	6%
TOTAL GROSS FLOWS	113,707	56,813	186,157	282,334	3,524,379	2,851,605	33,472	180,691	3,430,639	101%
LOSSES & OMISSIONS	-4,043	179	-319	58,351	-230	28,060	-2	18,265	100,260	3%
TOTAL NET USAGE	-693,774	-197,920	-1,359,748	-824,192	3,524,148	2,879,665	33,469	54,777	3,411,424	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	4,241,340	7,042,964	-	-	11,284,304	100%
HYDROELECTRIC	-	-	-	-	-	-	-	794	794	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	2,063	2,063	0%
TOTAL SUPPLY	-	-	-	-	4,241,340	7,042,964	-	2,857	11,287,161	
NET IMPORTS OF REGION	-693,774	-197,920	-1,359,748	-824,192	-717,191	-4,163,298	33,469	51,920	-7,875,736	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.13%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.2%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 23 MAINE 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	51,295	25,393	-	6,225	-	1,273	-	14,918	99,104	27%
INDUSTRIAL	10,761	61,070	-	9,645	-	3,250	931	18,660	104,317	29%
TRANSPORTATION	8,124	61,479	50,409	630	-	764	-	-	121,406	33%
MISCELLANEOUS USES	227	3,968	-	90	-	101	-	275	4,661	1%
TOTAL FINAL DEMAND SECTORS	70,407	151,910	50,409	16,590	-	5,388	931	33,853	329,488	91%
TRANSFORMATION										
ELECTRICITY GEN.	-	56,394	-	-	-	3,626	-	-23,860	46,160	13%
PETROLEUM PRODUCTS	-79,667	-36,855	-126,001	-324,923	529,939	19,542	-	-	-17,965	-4%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-79,667	29,539	-126,001	-324,923	529,939	23,168	-	-23,860	28,195	8%
TOTAL GROSS FLOWS	70,407	218,304	50,409	16,590	529,939	28,556	931	33,853	375,648	104%
LOSSES & OMISSIONS	-2,503	688	-86	3,428	-34	280	-0	3,422	5,195	1%
TOTAL NET USAGE	-11,763	182,137	-75,678	-304,904	529,904	28,836	930	13,415	362,878	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	3,550	3,550	18%
NUCLEAR	-	-	-	-	-	-	-	16,091	16,091	82%
GEO.&SOLAR	-	-	-	-	-	-	-	69	69	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	19,710	19,710	
NET IMPORTS OF REGION	-11,763	182,137	-75,678	-304,904	529,904	28,836	930	-6,294	343,168	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.92%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	74,204	27,972	-	44,036	-	77,246	53	92,733	316,244	28%
INDUSTRIAL	25,903	44,150	-	67,140	-	77,551	88,402	35,250	338,396	30%
TRANSPORTATION	32,066	20,685	178,961	30,040	-	5,850	-	-	267,602	24%
MISCELLANEOUS USES	855	5,180	-	343	-	4,194	-	29	10,601	1%
TOTAL FINAL DEMAND SECTORS	133,028	97,987	178,961	141,559	-	164,841	88,455	128,012	932,843	83%
TRANSFORMATION										
ELECTRICITY GEN.	509	99,904	-	-	-	6,280	130,648	-81,876	155,465	14%
PETROLEUM PRODUCTS	-18,603	-7,579	-24,263	-73,062	115,343	4,253	-	-	-3,911	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-18,094	92,325	-24,263	-73,062	115,343	10,533	130,648	-81,876	151,554	13%
TOTAL GROSS FLOWS	133,537	197,891	178,961	141,559	115,343	175,374	219,103	128,012	1,088,308	97%
LOSSES & OMISSIONS	-4,748	624	-307	29,256	-7	1,725	-17	12,940	39,466	4%
TOTAL NET USAGE	110,185	190,936	154,390	97,753	115,335	177,099	219,085	59,076	1,123,863	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	10,985	39,621	-	50,606	56%
HYDROELECTRIC	-	-	-	-	-	-	-	5,793	5,793	6%
NUCLEAR	-	-	-	-	-	-	-	33,896	33,896	38%
GEO.&SOLAR	-	-	-	-	-	-	-	54	54	0%
TOTAL SUPPLY	-	-	-	-	-	10,985	39,621	39,743	90,349	
NET IMPORTS OF REGION	110,185	190,936	154,390	97,753	115,335	166,114	179,464	19,333	1,033,514	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.50%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATUEAL GAS = C.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 25 MASSACHUSETTS 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	326,730	195,539	-	40,245	-	127,948	-	98,766	789,228	49%
INDUSTRIAL	11,333	38,925	-	47,488	-	36,366	2,447	30,336	166,895	10%
TRANSPORTATION	22,047	17,164	252,466	102,879	-	4,957	-	-	399,513	25%
MISCELLANEOUS USES	1,473	17,754	-	588	-	3,996	-	203	24,014	1%
TOTAL FINAL DEMAND SECTORS	361,583	269,382	252,466	191,200	-	173,267	2,447	129,305	1,379,650	85%
TRANSFORMATION										
ELECTRICITY GEN.	-	241,636	-	-	-	13,183	50,471	-102,753	202,537	12%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-	241,636	-	-	-	13,183	50,471	-102,753	202,537	12%
TOTAL GROSS FLOWS	361,583	511,018	252,466	191,200	-	186,450	52,918	129,305	1,582,187	97%
LOSSES & OMISSIONS	-12,857	1,612	-433	39,516	-	1,834	-4	13,071	42,739	3%
TOTAL NET USAGE	348,725	512,630	252,032	230,716	-	188,284	52,913	39,623	1,624,926	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	5,099	5,099	23%
NUCLEAR	-	-	-	-	-	-	-	15,885	15,885	72%
GEO.&SOLAR	-	-	-	-	-	-	-	1,052	1,052	5%
TOTAL SUPPLY	-	-	-	-	-	-	-	22,036	22,036	
NET IMPORTS OF REGION	348,725	512,630	252,032	230,716	-	188,284	52,913	17,587	1,602,890	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.34%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 26 MICHIGAN 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	179,878	6,578	-	85,223	-	463,663	12,127	173,797	921,265	28%
INDUSTRIAL	27,284	35,543	-	145,413	-	466,653	406,271	126,406	1,207,570	36%
TRANSPORTATION	47,288	200	529,211	48,244	-	36,997	-	-	661,940	20%
MISCELLANEOUS USES	3,031	1,975	-	1,211	-	23,453	-	1,866	31,535	1%
TOTAL FINAL DEMAND SECTORS	257,481	44,296	529,211	280,091	-	990,766	418,398	302,069	2,822,312	84%
TRANSFORMATION										
ELECTRICITY GEN.	38,812	60,914	-	-	-	32,395	541,536	-224,702	448,955	13%
PETROLEUM PRODUCTS	-72,263	-16,712	-152,146	-92,440	311,513	11,487	-	-	-10,561	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-33,451	44,202	-152,146	-92,440	311,513	43,882	541,536	-224,702	438,394	13%
TOTAL GROSS FLOWS	295,293	105,210	529,211	280,091	311,513	1,034,648	959,934	302,069	3,271,267	98%
LOSSES & EMISSIONS	-10,536	331	-908	57,388	-20	10,181	-78	30,535	87,392	3%
TOTAL NET USAGE	213,493	88,829	376,156	245,539	311,492	1,044,829	959,855	107,902	3,348,058	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	154,858	195,746	-	-	350,604	83%
HYDROELECTRIC	-	-	-	-	-	-	-	6,234	6,234	1%
NUCLEAR	-	-	-	-	-	-	-	65,946	65,946	16%
GEO.&SOLAR	-	-	-	-	-	-	-	217	217	0%
TOTAL SUPPLY	-	-	-	-	154,858	195,746	-	72,397	423,001	
NET IMPORTS OF REGION	213,493	88,829	376,156	245,539	156,634	849,083	959,855	35,505	2,925,057	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.64%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 27 MINNESOTA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	99,214	4,980	-	65,747	-	132,809	96	74,477	377,323	29%
INDUSTRIAL	23,739	32,872	-	53,718	-	154,059	33,784	45,717	343,889	27%
TRANSPORTATION	38,615	23	249,829	58,054	-	12,894	-	-	359,415	28%
MISCELLANEOUS USES	817	847	-	325	-	5,613	-	812	8,414	1%
TOTAL FINAL DEMAND SECTORS	162,385	38,722	249,829	177,844	-	305,375	33,880	121,006	1,089,041	85%
TRANSFORMATION										
ELECTRICITY GEN.	4,410	509	-	-	-	4,651	229,323	-82,185	156,708	12%
PETROLEUM PRODUCTS	-42,430	-13,128	-98,475	-58,451	198,440	7,318	-	-	-6,726	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-38,020	-12,619	-98,475	-58,451	198,440	11,969	229,323	-82,185	149,982	12%
TOTAL GROSS FLOWS	166,795	39,231	249,829	177,844	198,440	317,344	263,203	121,006	1,245,749	97%
LOSSES & OMISSIONS	-5,931	123	-428	36,756	-12	3,122	-21	12,232	45,840	4%
TOTAL NET USAGE	118,433	26,226	150,925	156,149	198,427	320,466	263,181	51,053	1,284,863	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	3,815	3,815	10%
NUCLEAR	-	-	-	-	-	-	-	33,078	33,078	89%
GEO.&SOLAR	-	-	-	-	-	-	-	141	141	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	37,034	37,034	
NET IMPORTS OF REGION	118,433	26,226	150,925	156,149	198,427	320,466	263,181	14,019	1,247,829	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.60%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 28 MISSISSIPPI 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	8,322	943	-	29,718	-	38,839	329	50,170	128,221	17%
INDUSTRIAL	10,388	6,969	-	29,822	-	161,872	23,009	43,166	275,726	37%
TRANSPORTATION	22,832	690	137,284	5,369	-	6,917	-	-	173,092	23%
MISCELLANEOUS USES	529	364	-	211	-	3,283	-	507	4,894	1%
TOTAL FINAL DEMAND SECTORS	42,571	8,866	137,284	65,120	-	210,911	23,338	93,843	581,933	79%
TRANSFORMATION										
ELECTRICITY GEN.	3,902	39,594	-	-	-	70,163	122,257	-80,799	155,117	21%
PETROLEUM PRODUCTS	-136,513	-43,044	-260,989	-196,702	595,130	21,944	-	-	-20,174	-2%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-132,611	-3,450	-260,989	-196,702	595,130	92,107	122,257	-80,799	134,943	18%
TOTAL GROSS FLOWS	45,473	48,460	137,284	65,120	595,130	303,018	145,595	93,843	737,050	99%
LOSSES & OMISSIONS	-1,652	152	-235	13,458	-38	2,981	-11	9,486	24,140	3%
TOTAL NET USAGE	-91,692	5,568	-123,940	-118,123	595,091	305,999	145,583	22,530	741,056	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	209,441	129,958	-	-	339,399	95%
HYDROELECTRIC	-	-	-	-	-	-	-	26	26	0%
NUCLEAR	-	-	-	-	-	-	-	18,241	18,241	5%
GEO.&SOLAR	-	-	-	-	-	-	-	70	70	0%
TOTAL SUPPLY	-	-	-	-	209,441	129,958	-	18,337	357,736	
NET IMPORTS OF REGION	-91,692	5,568	-123,940	-118,123	385,650	176,041	145,583	4,193	383,280	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.75%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 29 MISSOURI 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	38,674	7,010	-	78,413	-	188,221	31	99,791	412,140	26%
INDUSTRIAL	7,347	12,625	-	58,634	-	156,977	70,513	35,304	341,400	21%
TRANSPORTATION	56,406	5	317,272	95,991	-	15,857	-	-	485,531	30%
MISCELLANEOUS USES	1,006	1,171	-	401	-	8,702	-	948	12,228	1%
TOTAL FINAL DEMAND SECTORS	103,433	20,811	317,272	233,439	-	369,757	70,544	136,043	1,251,299	78%
TRANSFORMATION										
ELECTRICITY GEN.	5,254	268	-	-	-	18,980	417,840	-151,670	290,672	18%
PETROLEUM PRODUCTS	-46,218	-10,689	-97,308	-59,122	199,235	7,347	-	-	-6,755	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-40,964	-10,421	-97,308	-59,122	199,235	26,327	417,840	-151,670	283,917	18%
TOTAL GROSS FLOWS	108,687	21,079	317,272	233,439	199,235	396,084	488,384	136,043	1,541,971	97%
LOSSES & OMISSIONS	-3,864	66	-544	48,246	-13	3,897	-40	13,752	61,499	4%
TOTAL NET USAGE	58,604	10,456	219,419	222,563	199,221	399,981	488,343	-1,874	1,596,715	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	468	874	99,600	-	100,942	90%
HYDROELECTRIC	-	-	-	-	-	-	-	10,093	10,093	9%
NUCLEAR	-	-	-	-	-	-	-	459	459	0%
GEO.&SOLAR	-	-	-	-	-	-	-	137	137	0%
TOTAL SUPPLY	-	-	-	-	468	874	99,600	10,689	111,631	
NET IMPORTS OF REGION	58,604	10,456	219,419	222,563	198,753	399,107	388,743	-12,563	1,485,084	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.71%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 30 MONTANA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	7,311	563	-	8,986	-	30,909	541	16,699	65,009	18%
INDUSTRIAL	10,514	5,506	-	11,527	-	50,759	8,520	49,478	136,304	37%
TRANSPORTATION	34,554	13	47,855	13,775	-	2,015	-	-	98,212	27%
MISCELLANEOUS USES	77	128	-	30	-	2,799	-	245	3,279	1%
TOTAL FINAL DEMAND SECTORS	52,456	6,210	47,855	34,318	-	86,482	9,061	66,422	302,304	82%
TRANSFORMATION										
ELECTRICITY GEN.	-	-	-	-	-	35,379	58,054	-30,766	63,667	17%
PETROLEUM PRODUCTS	-50,814	-19,050	-166,541	-57,643	274,512	10,126	-	-	-9,310	-2%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-50,814	-19,050	-166,541	-57,643	274,512	46,505	58,054	-30,766	54,357	15%
TOTAL GROSS FLOWS	52,456	6,210	47,855	34,318	274,512	132,987	67,115	66,422	366,471	99%
LOSSES & OMISSIONS	-1,865	19	-82	7,092	-17	1,308	-5	6,714	13,164	4%
TOTAL NET USAGE	-223	-12,820	-118,768	-16,232	274,594	134,295	67,109	42,370	370,325	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	156,639	135,478	1,108,947	-	1,401,064	99%
HYDROELECTRIC	-	-	-	-	-	-	-	19,186	19,186	1%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	28	28	0%
TOTAL SUPPLY	-	-	-	-	156,639	135,478	1,108,947	19,214	1,420,278	
NET IMPORTS OF REGION	-223	-12,820	-118,768	-16,232	117,955	-1,182	-1,041,837	23,156	-1,049,952	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.42%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 31 NEBRASKA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	13,390	1,110	-	23,224	-	65,016	31	34,864	137,635	28%
INDUSTRIAL	4,399	4,654	-	7,791	-	47,528	12,894	21,455	98,721	20%
TRANSPORTATION	33,331	126	100,117	9,809	-	4,684	-	-	148,067	30%
MISCELLANEOUS USES	297	271	-	119	-	3,852	-	681	5,230	1%
TOTAL FINAL DEMAND SECTORS	51,417	6,161	100,117	40,943	-	121,090	12,925	57,000	389,653	79%
TRANSFORMATION										
ELECTRICITY GEN.	2,606	264	-	-	-	5,696	127,505	-46,515	89,556	18%
PETROLEUM PRODUCTS	-978	-303	-2,271	-1,348	4,576	169	-	-	-155	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1,628	-39	-2,271	-1,348	4,576	5,865	127,505	-46,515	89,401	18%
TOTAL GROSS FLOWS	54,023	6,425	100,117	40,943	4,576	126,955	140,430	57,000	479,209	97%
LOSSES & OMISSIONS	-1,921	20	-171	8,461	-0	1,249	-11	5,761	13,388	3%
TOTAL NET USAGE	51,123	6,142	97,674	48,056	4,575	128,204	140,418	16,246	492,442	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	28,594	7,247	-	-	35,841	56%
HYDROELECTRIC	-	-	-	-	-	-	-	2,644	2,644	4%
NUCLEAR	-	-	-	-	-	-	-	25,870	25,870	40%
GEO.&SOLAR	-	-	-	-	-	-	-	61	61	0%
TOTAL SUPPLY	-	-	-	-	28,594	7,247	-	28,575	64,416	
NET IMPORTS OF REGION	51,123	6,142	97,674	48,056	-24,018	120,957	140,418	-12,328	428,026	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.82%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 32 NEVADA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	7,042	255	-	8,313	-	12,817	117	29,728	58,272	22%
INDUSTRIAL	4,630	1,676	-	1,838	-	20,140	6,185	6,107	40,576	15%
TRANSPORTATION	6,929	-	48,407	26,455	-	1,856	-	-	83,647	32%
MISCELLANEOUS USES	70	49	-	28	-	549	-	252	948	0%
TOTAL FINAL DEMAND SECTORS	18,671	1,980	48,407	36,634	-	35,362	6,302	36,087	183,443	69%
TRANSFORMATION										
ELECTRICITY GEN.	56	-	-	-	-	27,842	79,422	-36,751	70,569	27%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	56	-	-	-	-	27,842	79,422	-36,751	70,569	27%
TOTAL GROSS FLOWS	18,727	1,980	48,407	36,634	-	63,204	85,724	36,087	254,012	96%
LOSSES & OMISSIONS	-665	6	-83	7,571	-	621	-7	3,647	11,091	4%
TOTAL NET USAGE	18,061	1,986	48,323	44,205	-	63,825	85,716	2,983	265,103	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	577	-	-	-	577	97%
HYDROELECTRIC	-	-	-	-	-	-	-	8	8	1%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	8	8	1%
TOTAL SUPPLY	-	-	-	-	577	-	-	16	593	
NET IMPORTS OF REGION	18,061	1,986	48,323	44,205	-577	63,825	85,716	2,967	264,510	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =55.76%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	43,972	15,614	-	5,410	-	7,456	-	13,635	86,087	39%
INDUSTRIAL	2,951	14,145	-	5,256	-	4,402	863	9,309	36,926	17%
TRANSPORTATION	2,334	190	43,620	482	-	666	-	-	47,292	21%
MISCELLANEOUS USES	198	1,853	-	79	-	346	-	60	2,536	1%
TOTAL FINAL DEMAND SECTORS	49,455	31,802	43,620	11,227	-	12,870	863	23,004	172,841	78%
TRANSFORMATION										
ELECTRICITY GEN.	-	43,988	-	-	-	2,403	23,361	-23,176	46,576	21%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-	43,988	-	-	-	2,403	23,361	-23,176	46,576	21%
TOTAL GROSS FLOWS	49,455	75,790	43,620	11,227	-	15,273	24,224	23,004	219,417	99%
LOSSES & OMISSIONS	-1,758	239	-74	2,320	-	150	-1	2,325	3,199	1%
TOTAL NET USAGE	47,696	76,029	43,545	13,547	-	15,423	24,222	2,153	222,616	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	4,257	4,257	99%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	45	45	1%
TOTAL SUPPLY	-	-	-	-	-	-	-	4,302	4,302	
NET IMPORTS OF REGION	47,696	76,029	43,545	13,547	-	15,423	24,222	-2,148	218,314	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.77%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 34 NEW JERSEY 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	291,414	90,211	-	44,314	-	176,002	430	137,201	739,572	28%
INDUSTRIAL	39,570	118,918	-	312,155	-	154,675	77,461	107,296	810,075	31%
TRANSPORTATION	68,831	134,115	381,290	85,017	-	13,928	684	2,035	685,900	26%
MISCELLANEOUS USES	1,912	9,618	-	765	-	6,961	-	46	19,302	1%
TOTAL FINAL DEMAND SECTORS	401,727	352,862	381,290	442,251	-	351,566	78,575	246,578	2,254,849	85%
TRANSFORMATION										
ELECTRICITY GEN.	163,850	94,826	-	-	-	49,245	181,120	-149,593	339,448	13%
PETROLEUM PRODUCTS	-203,628	-94,202	-322,057	-830,501	1,354,524	49,948	-	-	-45,916	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-39,778	624	-322,057	-830,501	1,354,524	99,193	181,120	-149,593	293,532	11%
TOTAL GROSS FLOWS	565,577	447,688	381,290	442,251	1,354,524	450,759	259,695	246,578	2,594,237	98%
LOSSES & OMISSIONS	-20,112	1,412	-654	91,402	-38	4,435	-21	24,925	101,300	4%
TOTAL NET USAGE	341,836	354,898	58,578	-296,847	1,354,435	455,194	259,673	121,910	2,649,681	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	2,476	2,476	4%
NUCLEAR	-	-	-	-	-	-	-	54,273	54,273	95%
GEO.&SOLAR	-	-	-	-	-	-	-	501	501	1%
TOTAL SUPPLY	-	-	-	-	-	-	-	57,250	57,250	
NET IMPORTS OF REGION	341,836	354,898	58,578	-296,847	1,354,435	455,194	259,673	64,660	2,592,431	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =69.4 %
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 35 NEW MEXICO 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	3,087	62	-	13,157	-	29,568	199	23,613	69,686	20%
INDUSTRIAL	1,345	583	-	4,152	-	45,156	4,352	3,033	58,621	17%
TRANSPORTATION	28,443	1	72,116	11,804	-	3,162	-	-	115,526	33%
MISCELLANEOUS USES	120	58	-	47	-	2,626	-	949	3,800	1%
TOTAL FINAL DEMAND SECTORS	32,995	704	72,116	29,160	-	80,512	4,551	27,595	247,633	71%
TRANSFORMATION										
ELECTRICITY GEN.	11	-	-	-	-	32,744	120,360	-53,360	99,755	28%
PETROLEUM PRODUCTS	-38,508	-12,143	-73,621	-55,486	167,876	6,191	-	-	-5,691	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-38,497	-12,143	-73,621	-55,486	167,876	38,935	120,360	-53,360	94,064	27%
TOTAL GROSS FLOWS	33,006	704	72,116	29,160	167,876	119,447	124,911	27,595	347,388	99%
LOSSES & OMISSIONS	-1,173	2	-123	6,026	-10	1,175	-10	2,789	8,675	2%
TOTAL NET USAGE	-6,675	-11,436	-1,628	-20,299	167,865	120,622	124,900	-22,975	350,372	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	718,467	1,459,603	73,988	-	2,252,058	100%
HYDROELECTRIC	-	-	-	-	-	-	-	189	189	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	5	5	0%
TOTAL SUPPLY	-	-	-	-	718,467	1,459,603	73,988	194	2,252,252	
NET IMPORTS OF REGION	-6,675	-11,436	-1,628	-20,299	-550,601	-1,338,980	50,912	-23,169	-1,901,879	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.15%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 36 NEW YORK 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	50[illegible],339	334,940	-	99,297	-	358,476	5,765	285,018	1,584,835	34%
INDUSTRIAL	30,220	75,415	-	273,116	-	156,813	160,631	182,832	879,027	19%
TRANSPORTATION	42,492	161,182	694,249	394,822	-	33,375	1,573	9,730	1,337,423	28%
MISCELLANEOUS USES	4,582	34,455	-	1,833	-	10,750	-	10,672	62,292	1%
TOTAL FINAL DEMAND SECTORS	578,633	605,992	694,249	769,068	-	559,414	167,969	488,252	3,863,577	82%
TRANSFORMATION										
ELECTRICITY GEN.	136,867	427,927	-	-	-	98,308	327,422	-325,078	665,446	14%
PETROLEUM PRODUCTS	-35,495	-16,420	-56,138	-144,766	236,109	8,706	-	-	-8,004	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	101,372	411,507	-56,138	-144,766	236,109	107,014	327,422	-325,078	657,442	14%
TOTAL GROSS FLOWS	715,500	1,033,919	694,249	769,068	236,109	666,428	495,391	488,252	4,529,023	96%
LOSSES & OMISSIONS	-25,443	3,262	-1,191	158,947	-15	6,557	-40	49,355	191,433	4%
TOTAL NET USAGE	654,561	1,020,761	636,919	783,249	236,093	672,985	495,350	212,529	4,712,452	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	12,973	28,910	-	-	41,883	18%
HYDROELECTRIC	-	-	-	-	-	-	-	96,664	96,664	41%
NUCLEAR	-	-	-	-	-	-	-	95,598	95,598	41%
GEO.&SOLAR	-	-	-	-	-	-	-	595	595	0%
TOTAL SUPPLY	-	-	-	-	12,973	28,910	-	192,857	234,740	
NET IMPORTS OF REGION	654,561	1,020,761	636,919	783,249	223,120	644,075	495,350	19,672	4,477,712	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.18%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 37 NORTH CAROLINA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	80,065	9,366	-	54,290	-	41,132	422	143,907	329,182	20%
INDUSTRIAL	33,424	63,380	-	75,084	-	140,899	76,994	93,263	483,044	30%
TRANSPORTATION	51,884	565	287,939	19,778	-	7,507	-	-	367,673	23%
MISCELLANEOUS USES	1,095	2,043	-	438	-	3,554	-	3,052	10,182	1%
TOTAL FINAL DEMAND SECTORS	166,468	75,354	287,939	149,590	-	193,092	77,416	240,222	1,190,081	73%
TRANSFORMATION										
ELECTRICITY GEN.	406	12,961	-	-	-	12,260	554,213	-190,905	388,935	24%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	406	12,961	-	-	-	12,260	554,213	-190,905	388,935	24%
TOTAL GROSS FLOWS	166,874	88,315	287,939	149,590	-	205,352	631,629	240,222	1,579,016	97%
LOSSES & OMISSIONS	-5,934	278	-494	30,916	-	2,020	-51	24,283	51,019	3%
TOTAL NET USAGE	160,939	88,593	287,444	180,506	-	207,372	631,577	73,600	1,630,035	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	22,903	22,903	22%
NUCLEAR	-	-	-	-	-	-	-	80,842	80,842	78%
GEO.&SOLAR	-	-	-	-	-	-	-	103	103	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	103,848	103,848	
NET IMPORTS OF REGION	160,939	88,593	287,444	180,506	-	207,372	631,577	-30,247	1,526,187	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTEICITY GEN. =67.08%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	13,003	1,113	-	9,131	-	13,763	35	11,236	48,281	23%
INDUSTRIAL	3,796	3,585	-	7,756	-	7,560	3,910	8,135	34,742	17%
TRANSPORTATION	10,935	1	43,322	522	-	1,794	-	-	56,574	27%
MISCELLANEOUS USES	114	285	-	45	-	1,723	-	269	2,436	1%
TOTAL FINAL DEMAND SECTORS	27,848	4,984	43,322	17,454	-	24,840	3,945	19,640	142,033	69%
TRANSFORMATION										
ELECTRICITY GEN.	307	1,008	-	-	-	682	92,794	-32,866	61,925	30%
PETROLEUM PRODUCTS	-11,480	-3,552	-26,544	-15,815	53,692	1,980	-	-	-1,819	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-11,173	-2,544	-26,644	-15,815	53,692	2,662	92,794	-32,866	60,106	29%
TOTAL GROSS FLOWS	28,155	5,992	43,322	17,454	53,692	27,502	96,739	19,640	203,958	99%
LOSSES & OMISSIONS	-1,001	18	-74	3,607	-3	270	-7	1,985	4,795	2%
TOTAL NET USAGE	15,673	2,458	16,603	5,246	53,688	27,772	96,731	-11,240	206,934	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	139,252	49,710	792,417	-	981,379	99%
HYDROELECTRIC	-	-	-	-	-	-	-	7,665	7,665	1%
NUCLEAR	-	-	-	-	-	-	-	71	71	0%
GEO.&SOLAR	-	-	-	-	-	-	-	21	21	0%
TOTAL SUPPLY	-	-	-	-	139,252	49,710	792,417	7,757	989,136	
NET IMPORTS OF REGION	15,673	2,458	16,603	5,246	-85,563	-21,937	-695,685	-18,997	-782,201	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTEICITY GEN. =65.33%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 39 OHIO 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	86,909	4,757	-	94,203	-	553,718	23,155	218,617	981,359	23%
INDUSTRIAL	35,317	45,060	-	211,672	-	634,845	549,500	188,688	1,665,082	38%
TRANSPORTATION	108,722	160	576,684	74,166	-	44,139	-	-	803,871	19%
MISCELLANEOUS USES	3,616	1,903	-	1,445	-	19,871	-	3,958	30,793	1%
TOTAL FINAL DEMAND SECTORS	234,564	51,880	576,684	381,486	-	1,252,573	572,655	411,263	3,481,105	80%
TRANSFORMATION										
ELECTRICITY GEN.	52,497	12,698	-	-	-	44,477	1,045,537	-385,646	769,563	18%
PETROLEUM PRODUCTS	-254,744	-58,915	-536,347	-325,869	1,098,155	40,495	-	-	-37,225	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-202,247	-46,217	-536,347	-325,869	1,098,155	84,972	1,045,537	-385,646	732,338	17%
TOTAL GROSS FLOWS	287,061	64,578	576,684	381,486	1,098,155	1,337,545	1,618,192	411,263	4,250,668	98%
LOSSES & OMISSIONS	-10,207	203	-989	78,843	-71	13,161	-132	41,573	122,380	3%
TOTAL NET USAGE	22,109	5,866	39,347	134,460	1,098,083	1,350,706	1,618,059	67,190	4,335,823	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	137,839	165,415	1,117,483	-	1,420,737	97%
HYDROELECTRIC	-	-	-	-	-	-	-	304	304	0%
NUCLEAR	-	-	-	-	-	-	-	48,167	48,167	3%
GEO.&SOLAR	-	-	-	-	-	-	-	176	176	0%
TOTAL SUPPLY	-	-	-	-	137,839	165,415	1,117,483	48,647	1,469,384	
NET IMPORTS OF REGION	22,109	5,866	39,347	134,460	960,244	1,185,291	500,576	18,543	2,866,439	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.62%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 40 OKLAHOMA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	8,824	739	-	40,113	-	86,613	-	60,741	197,030	17%
INDUSTRIAL	6,036	3,388	-	82,680	-	277,331	1,445	24,982	396,062	34%
TRANSPORTATION	59,838	283	191,813	47,852	-	25,716	-	-	325,502	28%
MISCELLANEOUS USES	497	335	-	200	-	7,324	-	2,476	10,832	1%
TOTAL FINAL DEMAND SECTORS	75,195	4,745	191,813	170,845	-	397,184	1,445	88,199	929,425	80%
TRANSFORMATION										
ELECTRICITY GEN.	5,289	-	-	-	-	253,899	56,646	-108,793	207,041	18%
PETROLEUM PRODUCTS	-120,729	-37,351	-280,197	-166,314	564,630	20,821	-	-	-19,140	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-115,440	-37,351	-280,197	-166,314	564,630	274,720	56,646	-108,793	187,901	16%
TOTAL GROSS FLOWS	80,484	4,745	191,813	170,845	564,630	671,904	58,091	88,199	1,136,467	98%
LOSSES & OMISSIONS	-2,862	14	-329	35,309	-36	6,611	-4	8,915	47,619	4%
TOTAL NET USAGE	-43,107	-32,591	-88,713	39,840	564,593	678,515	58,086	-11,678	1,164,946	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	1,298,108	1,523,106	51,880	-	2,873,094	100%
HYDROELECTRIC	-	-	-	-	-	-	-	3,952	3,952	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	1,086	1,086	0%
TOTAL SUPPLY	-	-	-	-	1,298,108	1,523,106	51,880	5,038	2,878,132	
NET IMPORTS OF REGION	-43,107	-32,591	-88,713	39,840	-733,514	-844,590	6,206	-16,716	-1,713,185	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.55%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 41 OREGON 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	31,948	17,616	-	20,798	-	45,757	42	67,034	183,195	22%
INDUSTRIAL	20,739	22,561	-	24,867	-	85,196	5,115	74,926	233,404	28%
TRANSPORTATION	81,987	861	225,767	24,348	-	5,673	-	-	338,636	40%
MISCELLANEOUS USES	448	2,179	-	179	-	1,398	-	211	4,415	1%
TOTAL FINAL DEMAND SECTORS	135,122	43,217	225,767	70,192	-	138,024	5,157	142,171	759,650	90%
TRANSFORMATION										
ELECTRICITY GEN.	5,634	1,800	-	-	-	70,440	13,348	-28,658	62,564	7%
PETROLEUM PRODUCTS	-7,875	-2,902	-11,463	-8,170	28,400	1,047	-	-	-963	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-2,241	-1,102	-11,463	-8,170	28,400	71,487	13,348	-28,658	61,601	7%
TOTAL GROSS FLOWS	140,756	45,017	225,767	70,192	28,400	209,511	18,505	142,171	822,214	97%
LOSSES & OMISSIONS	-5,005	142	-387	14,506	-1	2,061	-1	14,371	25,686	3%
TOTAL NET USAGE	127,875	42,257	213,916	76,528	28,398	211,572	18,503	127,884	846,937	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	157,290	157,290	98%
NUCLEAR	-	-	-	-	-	-	-	3,065	3,065	2%
GEO.&SOLAR	-	-	-	-	-	-	-	92	92	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	160,447	160,447	
NET IMPORTS OF REGION	127,875	42,257	213,916	76,528	28,398	211,572	18,503	-32,562	686,490	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.58%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 42 PENNSYLVANIA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
				(ALL UNITS IN 10**9 BTU'S)						
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	239,927	89,474	-	61,731	-	332,646	50,554	200,323	974,655	22%
INDUSTRIAL	41,827	109,224	-	363,267	-	398,514	548,300	219,394	1,680,526	38%
TRANSPORTATION	103,029	47,171	555,085	111,005	-	21,772	905	2,984	841,951	19%
MISCELLANEOUS USES	2,989	9,600	-	1,194	-	10,897	-	472	25,152	1%
TOTAL FINAL DEMAND SECTORS	387,772	255,469	555,085	537,197	-	763,829	599,759	423,173	3,522,284	79%
TRANSFORMATION										
ELECTRICITY GEN.	99,907	146,294	-	-	-	83,094	936,478	-425,481	840,292	19%
PETROLEUM PRODUCTS	-241,237	-111,600	-381,540	-983,890	1,604,697	59,174	-	-	-54,396	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-141,330	34,694	-381,540	-983,390	1,604,697	142,268	936,478	-425,481	785,896	18%
TOTAL GROSS FLOWS	487,679	401,763	555,085	537,197	1,604,697	906,097	1,536,237	423,173	4,362,576	98%
LOSSES & OMISSIONS	-7,341	1,267	-952	111,025	-105	8,916	-126	42,777	145,461	3%
TOTAL NET USAGE	229,100	291,430	172,592	-335,667	1,604,591	915,013	1,536,110	40,469	4,453,641	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	78,918	202,324	1,920,630	-	2,201,872	95%
HYDROELECTRIC	-	-	-	-	-	-	-	10,108	10,108	0%
NUCLEAR	-	-	-	-	-	-	-	110,525	110,525	5%
GEO.&SOLAR	-	-	-	-	-	-	-	1,692	1,692	0%
TOTAL SUPPLY	-	-	-	-	78,918	202,324	1,920,630	122,325	2,324,197	
NET IMPORTS OF REGION	229,100	291,430	172,592	-335,667	1,525,673	712,689	-384,519	-81,855	2,129,444	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.39%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 44 RHODE ISLAND 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	46,310	23,942	-	6,436	-	18,540	-	15,682	110,910	47%
INDUSTRIAL	1,506	5,466	-	8,536	-	7,787	2,071	5,535	30,901	13%
TRANSPORTATION	4,806	2,250	44,884	2,609	-	816	-	-	55,365	24%
MISCELLANEOUS USES	242	3,933	-	97	-	1,039	-	344	5,655	2%
TOTAL FINAL DEMAND SECTORS	52,864	35,591	44,884	17,678	-	28,182	2,071	21,561	202,831	86%
TRANSFORMATION										
ELECTRICITY GEN.	-	40,250	-	-	-	2,201	-	-14,465	27,986	12%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-	40,250	-	-	-	2,201	-	-14,465	27,986	12%
TOTAL GROSS FLOWS	52,864	75,841	44,884	17,678	-	30,383	2,071	21,561	230,817	98%
LOSSES & OMISSIONS	-1,879	239	-77	3,653	-	298	-0	2,179	4,414	2%
TOTAL NET USAGE	50,984	76,080	44,806	21,331	-	30,681	2,070	9,275	235,231	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	51	51	55%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	42	42	45%
TOTAL SUPPLY	-	-	-	-	-	-	-	93	93	
NET IMPORTS OF REGION	50,984	76,080	44,806	21,331	-	30,681	2,070	9,182	235,138	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.93%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATUEAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	24,949	1,070	-	24,552	-	28,634	229	69,001	148,435	14%
INDUSTRIAL	15,269	40,062	-	50,621	-	124,106	55,559	68,935	354,552	33%
TRANSPORTATION	18,186	6,429	348,561	6,313	-	3,587	-	-	383,175	36%
MISCELLANEOUS USES	537	459	-	215	-	3,583	-	1,816	6,610	1%
TOTAL FINAL DEMAND SECTORS	58,941	48,020	348,561	81,701	-	160,010	55,788	139,752	892,773	83%
TRANSFORMATION										
ELECTRICITY GEN.	552	20,576	-	-	-	7,398	204,486	-77,202	155,810	14%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	552	20,576	-	-	-	7,398	204,486	-77,202	155,810	14%
TOTAL GROSS FLOWS	59,493	68,596	348,561	81,701	-	167,408	260,274	139,752	1,048,583	97%
LOSSES & OMISSIONS	-2,115	216	-598	16,885	-	1,647	-21	14,127	30,141	3%
TOTAL NET USAGE	57,377	68,812	347,962	98,586	-	169,055	260,252	76,677	1,078,724	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	12,701	12,701	13%
NUCLEAR	-	-	-	-	-	-	-	85,056	85,056	87%
GEO.&SOLAR	-	-	-	-	-	-	-	62	62	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	97,819	97,819	
NET IMPORTS OF REGION	57,377	68,812	347,962	98,586	-	169,055	260,252	-21,141	980,905	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.87%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 46 SOUTH DAKOTA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	14,717	22	-	10,285	-	16,678	13	18,560	60,275	35%
INDUSTRIAL	3,671	2,581	-	3,516	-	4,138	148	5,715	19,769	11%
TRANSPORTATION	7,566	1	49,811	2,446	-	2,022	-	-	61,846	36%
MISCELLANEOUS USES	129	53	-	50	-	1,689	-	259	2,180	1%
TOTAL FINAL DEMAND SECTORS	26,083	2,657	49,811	16,297	-	24,527	161	24,534	144,070	84%
TRANSFORMATION										
ELECTRICITY GEN.	1,372	79	-	-	-	734	32,744	-11,908	23,021	13%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1,372	79	-	-	-	734	32,744	-11,908	23,021	13%
TOTAL GROSS FLOWS	27,455	2,736	49,811	16,297	-	25,261	32,905	24,534	167,091	97%
LOSSES & OMISSIONS	-976	8	-85	3,368	-	248	-2	2,480	5,040	3%
TOTAL NET USAGE	26,478	2,744	49,725	19,665	-	25,509	32,902	15,106	172,131	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	1,314	-	-	-	1,314	5%
HYDROELECTRIC	-	-	-	-	-	-	-	26,676	26,676	95%
NUCLEAR	-	-	-	-	-	-	-	81	81	0%
GEO.&SOLAR	-	-	-	-	-	-	-	24	24	0%
TOTAL SUPPLY	-	-	-	-	1,314	-	-	26,781	28,095	
NET IMPORTS OF REGION	26,478	2,744	49,725	19,665	-1,314	25,509	32,902	-11,674	144,036	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.91%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 47 TENNESSEE 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASCLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	13,375	2,411	-	56,806	-	79,362	1,050	129,436	282,440	17%
INDUSTRIAL	19,224	7,734	-	102,088	-	170,699	205,617	136,325	641,687	38%
TRANSPORTATION	93,127	1,188	260,816	39,833	-	13,561	-	-	408,525	24%
MISCELLANEOUS USES	1,035	669	-	411	-	4,936	-	32	7,083	0%
TOTAL FINAL DEMAND SECTORS	126,761	12,002	260,816	199,138	-	268,558	206,667	265,793	1,339,735	79%
TRANSFORMATION										
ELECTRICITY GEN.	11,210	13,576	-	-	-	21,247	404,941	-153,978	296,996	17%
PETROLEUM PRODUCTS	-13,962	-4,385	-39,924	-24,257	81,742	3,014	-	-	-2,772	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-7,752	9,191	-39,924	-24,257	81,742	24,261	404,941	-153,978	294,224	17%
TOTAL GROSS FLOWS	137,971	25,578	260,816	199,138	81,742	292,819	611,608	265,793	1,636,731	96%
LOSSES & OMISSIONS	-4,906	80	-447	41,157	-5	2,881	-50	26,868	65,577	4%
TOTAL NET USAGE	114,102	21,273	220,444	216,038	81,736	295,700	611,557	138,683	1,699,536	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	1,670	-	173,806	-	175,476	65%
HYDROELECTRIC	-	-	-	-	-	-	-	27,570	27,570	10%
NUCLEAR	-	-	-	-	-	-	-	67,855	67,855	25%
GEO.&SOLAR	-	-	-	-	-	-	-	199	199	0%
TOTAL SUPPLY	-	-	-	-	1,670	-	173,806	95,624	271,100	
NET IMPORTS OF REGION	114,102	21,273	220,444	216,038	80,066	295,700	437,751	43,059	1,428,436	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.86%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 49 UTAH 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	9,858	1,499	-	15,210	-	41,348	480	23,845	92,240	22%
INDUSTRIAL	18,107	10,528	-	16,501	-	44,891	24,753	7,932	122,712	30%
TRANSPORTATION	34,906	9	79,042	19,453	-	3,481	-	-	136,891	33%
MISCELLANEOUS USES	132	318	-	53	-	2,491	-	832	3,826	1%
TOTAL FINAL DEMAND SECTORS	63,003	12,354	79,042	51,217	-	92,211	25,233	32,609	355,669	86%
TRANSFORMATION										
ELECTRICITY GEN.	2	-	-	-	-	10,176	76,782	-31,397	55,563	13%
PETROLEUM PRODUCTS	-49,454	-18,540	-162,082	-56,100	267,261	9,855	-	-	-9,060	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-49,452	-18,540	-162,082	-56,100	267,261	20,031	76,782	-31,397	46,503	11%
TOTAL GROSS FLOWS	63,005	12,354	79,042	51,217	267,261	112,242	102,015	32,609	411,232	99%
LOSSES & OMISSIONS	-2,240	38	-135	10,585	-17	1,104	-8	3,296	12,623	3%
TOTAL NET USAGE	11,310	-6,147	-83,175	5,702	267,243	113,346	102,006	4,508	414,795	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	177,474	101,638	603,288	-	882,400	100%
HYDROELECTRIC	-	-	-	-	-	-	-	1,576	1,576	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	8	8	0%
TOTAL SUPPLY	-	-	-	-	177,474	101,638	603,288	1,584	883,984	
NET IMPORTS OF REGION	11,310	-5,147	-83,175	5,702	89,769	11,708	-501,281	2,924	-469,188	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =63.89%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 50 VERMONT 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	27,874	252	-	3,161	-	1,322	-	9,406	42,515	39%
INDUSTRIAL	1,083	5,463	-	1,628	-	4,283	131	4,048	16,635	15%
TRANSPORTATION	2,856	113	25,980	319	-	381	-	-	29,649	27%
MISCELLANEOUS USES	113	71	-	45	-	73	-	240	542	0%
TOTAL FINAL DEMAND SECTORS	31,926	5,899	25,980	5,153	-	6,559	131	13,694	89,342	81%
TRANSFORMATION										
ELECTRICITY GEN.	-	25,614	-	-	-	1,401	1,540	-9,692	18,863	17%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-	25,614	-	-	-	1,401	1,540	-9,692	18,863	17%
TOTAL GROSS FLOWS	31,926	31,513	25,980	5,153	-	7,960	1,671	13,694	108,205	99%
LOSSES & OMISSIONS	-1,135	99	-44	1,065	-	78	-0	1,384	1,447	1%
TOTAL NET USAGE	30,790	31,612	25,935	6,218	-	8,038	1,670	5,386	109,652	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	2,038	2,038	17%
NUCLEAR	-	-	-	-	-	-	-	10,038	10,038	83%
GEO.&SOLAR	-	-	-	-	-	-	-	27	27	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	12,103	12,103	
NET IMPORTS OF REGION	30,790	31,612	25,935	6,218	-	8,038	1,670	-6,716	97,549	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.05%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 48 TEXAS 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
				(ALL UNITS IN 10**9 BTU'S)						
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	29,492	5,285	-	171,095	-	253,027	-	299,524	758,423	11%
INDUSTRIAL	33,353	26,192	-	534,750	-	2,811,739	14,173	206,090	3,626,297	51%
TRANSPORTATION	301,016	40,454	812,719	268,412	-	112,812	-	-	1,535,413	22%
MISCELLANEOUS USES	2,181	1,649	-	875	-	14,918	-	6,367	25,990	0%
TOTAL FINAL DEMAND SECTORS	366,042	73,580	812,719	975,132	-	3,192,496	14,173	511,981	5,946,123	83%
TRANSFORMATION										
ELECTRICITY GEN.	29,101	-	-	-	-	1,472,336	227,980	-576,948	1,152,469	16%
PETROLEUM PRODUCTS	-1,731,161	-545,863	-3,309,666	-2,494,432	7,546,994	278,294	-	-	-255,834	-3%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-1,702,060	-545,863	-3,309,666	-2,494,432	7,546,994	1,750,630	227,980	-576,948	896,635	13%
TOTAL GROSS FLOWS	395,143	73,580	812,719	975,132	7,546,994	4,943,126	242,153	511,981	7,098,592	100%
LOSSES & OMISSIONS	-14,051	232	-1,394	201,536	-494	48,641	-19	51,754	286,204	4%
TOTAL NET USAGE	-1,350,069	-472,050	-2,498,341	-1,317,763	7,546,499	4,991,767	242,133	-13,212	7,128,962	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	9,419,730	7,918,587	367,753	-	17,706,070	100%
HYDROELECTRIC	-	-	-	-	-	-	-	4,343	4,343	0%
NUCLEAR	-	-	-	-	-	-	-	24,413	24,413	0%
GEO.&SOLAR	-	-	-	-	-	-	-	2,669	2,669	0%
TOTAL SUPPLY	-	-	-	-	9,419,730	7,918,587	367,753	31,425	17,737,495	
NET IMPORTS OF REGION	-1,350,069	-472,050	-2,498,341	-1,317,763	-1,873,230	-2,926,819	-125,619	-44,637	-10,608,532	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.64%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 51 VIRGINIA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	83,768	9,223	-	51,578	-	72,833	475	126,193	344,070	23%
INDUSTRIAL	28,239	47,051	-	79,691	-	115,714	130,642	45,206	446,543	30%
TRANSPORTATION	65,063	14,441	253,674	106,821	-	6,934	-	-	446,933	30%
MISCELLANEOUS USES	1,011	2,759	-	405	-	8,807	-	14,236	27,218	2%
TOTAL FINAL DEMAND SECTORS	178,081	73,474	253,674	238,495	-	204,288	131,117	185,635	1,264,764	84%
TRANSFORMATION										
ELECTRICITY GEN.	221	72,006	-	-	-	9,079	204,079	-96,443	188,942	13%
PETROLEUM PRODUCTS	-30,336	-12,355	-39,566	-119,146	188,091	6,936	-	-	-6,376	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-30,115	59,651	-39,566	-119,146	188,091	16,015	204,079	-96,443	182,566	12%
TOTAL GROSS FLOWS	178,302	145,480	253,674	238,495	188,091	220,303	335,196	185,635	1,453,706	96%
LOSSES & OMISSIONS	-6,340	459	-435	49,291	-12	2,167	-27	18,765	63,867	4%
TOTAL NET USAGE	141,625	133,584	213,672	168,640	188,078	222,470	335,168	107,957	1,511,197	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	1,186	6,908	785,413	-	793,507	91%
HYDROELECTRIC	-	-	-	-	-	-	-	4,492	4,492	1%
NUCLEAR	-	-	-	-	-	-	-	70,113	70,113	8%
GEO.&SOLAR	-	-	-	-	-	-	-	78	78	0%
TOTAL SUPPLY	-	-	-	-	1,186	6,908	785,413	74,683	868,190	
NET IMPORTS OF REGION	141,625	133,584	213,672	168,640	186,892	215,562	-450,244	33,274	643,007	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.21%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 53 WASHINGTON 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	52,471	18,594	-	31,637	-	73,733	18	106,739	283,192	22%
INDUSTRIAL	33,828	51,498	-	48,087	-	156,880	8,235	112,019	410,547	32%
TRANSPORTATION	47,158	2,618	300,375	87,007	-	8,587	-	-	445,745	35%
MISCELLANEOUS USES	678	3,437	-	272	-	3,931	-	1,708	10,026	1%
TOTAL FINAL DEMAND SECTORS	134,135	76,147	300,375	167,003	-	243,131	8,253	220,466	1,149,510	90%
TRANSFORMATION										
ELECTRICITY GEN.	1,828	763	-	-	-	108,782	32,970	-45,551	98,792	8%
PETROLEUM PRODUCTS	-208,642	-76,888	-303,697	-216,439	752,413	27,746	-	-	-25,507	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-206,814	-76,125	-303,697	-216,439	752,413	136,528	32,970	-45,551	73,285	6%
TOTAL GROSS FLOWS	135,963	76,910	300,375	167,003	752,413	379,659	41,223	220,466	1,248,302	98%
LOSSES & OMISSIONS	-4,834	242	-515	34,515	-49	3,735	-3	22,286	55,377	4%
TOTAL NET USAGE	-77,513	264	-3,837	-14,920	752,363	383,394	41,219	197,201	1,278,172	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	21,233	-	21,233	5%
HYDROELECTRIC	-	-	-	-	-	-	-	396,478	396,478	94%
NUCLEAR	-	-	-	-	-	-	-	2,983	2,983	1%
GEO.&SOLAR	-	-	-	-	-	-	-	142	142	0%
TOTAL SUPPLY	-	-	-	-	-	-	21,233	399,603	420,836	
NET IMPORTS OF REGION	-77,513	264	-3,837	-14,920	752,363	383,394	19,986	-202,401	857,336	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.44%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 54 WEST VIRGINIA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	7,927	2,426	-	14,725	-	62,026	285	32,625	120,014	11%
INDUSTRIAL	8,789	4,854	-	43,828	-	142,286	210,829	63,428	470,014	41%
TRANSPORTATION	21,999	3,912	71,083	1,416	-	2,393	-	-	100,803	9%
MISCELLANEOUS USES	350	451	-	140	-	3,151	-	39	4,131	0%
TOTAL FINAL DEMAND SECTORS	39,065	11,643	71,083	60,109	-	209,856	211,114	96,092	694,962	61%
TRANSFORMATION										
ELECTRICITY GEN.	5	1,519	-	-	-	5,388	628,328	-209,051	426,189	37%
PETROLEUM PRODUCTS	-11,133	-4,535	-14,520	-43,724	69,027	2,545	-	-	-2,340	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-11,128	-3,016	-14,520	-43,724	69,027	7,933	628,328	-209,051	423,849	37%
TOTAL GROSS FLOWS	35,070	13,762	71,083	50,109	69,027	217,789	839,442	96,092	1,121,151	98%
LOSSES & OMISSIONS	-1,247	41	-121	12,423	-8	2,743	-68	9,713	22,876	2%
TOTAL NET USAGE	22,689	8,658	56,441	28,808	69,022	219,932	839,373	-103,245	1,141,689	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	74,030	278,431	2,762,737	-	3,115,198	100%
HYDROELECTRIC	-	-	-	-	-	-	-	590	590	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	45	45	0%
TOTAL SUPPLY	-	-	-	-	74,030	278,431	2,762,737	635	3,115,833	
NET IMPORTS OF REGION	22,689	8,658	56,441	28,808	-5,007	-58,498	-1,923,363	-103,880	-1,974,143	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.09%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 55 WISCONSIN 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	108,430	3,379	-	42,505	-	138,192	14,134	86,833	393,473	26%
INDUSTRIAL	15,913	19,763	-	48,102	-	197,302	168,159	65,186	514,425	34%
TRANSPORTATION	36,492	80	239,783	27,470	-	17,909	-	-	321,734	21%
MISCELLANEOUS USES	1,466	981	-	586	-	6,240	-	637	9,910	1%
TOTAL FINAL DEMAND SECTORS	162,301	24,203	239,783	118,663	-	359,643	182,293	152,656	1,239,542	83%
TRANSFORMATION										
ELECTRICITY GEN.	32,183	4,472	-	-	-	16,599	282,776	-110,504	225,526	15%
PETROLEUM PRODUCTS	-8,885	-2,749	-20,622	-12,240	41,556	1,532	-	-	-1,408	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	23,298	1,723	-20,622	-12,240	41,556	18,131	282,776	-110,504	224,118	15%
TOTAL GROSS FLOWS	194,484	28,675	239,783	118,663	41,556	377,774	465,069	152,656	1,465,068	98%
LOSSES & OMISSIONS	-6,915	90	-411	24,524	-2	3,717	-38	15,431	36,395	2%
TOTAL NET USAGE	178,683	26,016	218,749	130,947	41,553	381,491	465,030	57,583	1,500,055	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	2,842	2,842	10%
NUCLEAR	-	-	-	-	-	-	-	26,078	26,078	90%
GEO.&SOLAR	-	-	-	-	-	-	-	64	64	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	28,984	28,984	
NET IMPORTS OF REGION	178,683	26,016	218,749	130,947	41,553	381,491	465,030	28,599	1,471,071	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.11%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 56 WYOMING 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	3,800	817	-	4,447	-	15,785	107	9,816	34,772	8%
INDUSTRIAL	20,593	8,652	-	16,177	-	187,474	8,555	5,079	246,530	55%
TRANSPORTATION	34,214	101	30,771	881	-	992	-	-	66,959	15%
MISCELLANEOUS USES	38	195	-	14	-	1,754	-	107	2,108	0%
TOTAL FINAL DEMAND SECTORS	58,645	9,765	30,771	21,519	-	206,005	8,662	15,002	350,369	78%
TRANSFORMATION										
ELECTRICITY GEN.	1	-	-	-	-	5,347	159,172	-61,226	103,294	23%
PETROLEUM PRODUCTS	-61,276	-22,971	-200,831	-69,511	331,155	12,211	-	-	-11,223	-2%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-61,275	-22,971	-200,831	-69,511	331,155	17,558	159,172	-61,226	92,071	21%
TOTAL GROSS FLOWS	58,646	9,765	30,771	21,519	331,155	223,563	167,834	15,002	453,663	101%
LOSSES & OMISSIONS	-2,085	30	-52	4,447	-21	2,199	-13	1,516	6,020	1%
TOTAL NET USAGE	-4,715	-13,175	-170,112	-43,544	331,133	225,762	167,820	-44,707	448,460	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	801,040	453,736	1,511,067	-	2,765,843	100%
HYDROELECTRIC	-	-	-	-	-	-	-	1,828	1,828	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	4	4	0%
TOTAL SUPPLY	-	-	-	-	801,040	453,736	1,511,067	1,832	2,767,675	
NET IMPORTS OF REGION	-4,715	-13,175	-170,112	-43,544	-469,905	-227,973	-1,343,246	-46,539	-2,319,214	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =62.79%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA Region Tables for 1980

BEA ECONOMIC AREA 1 BANGOR MAINE 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	16,027	6,719	-	1,945	-	366	-	4,309	29,366	22%
INDUSTRIAL	4,569	26,580	-	4,156	-	1,783	179	7,767	44,434	34%
TRANSPORTATION	2,964	36,713	15,750	233	-	239	-	-	55,899	42%
MISCELLANEOUS USES	71	1,469	-	28	-	38	-	102	1,708	1%
TOTAL FINAL DEMAND SECTORS	23,631	71,481	15,750	6,362	-	1,826	179	12,178	131,407	99%
TRANSFORMATION										
ELECTRICITY GEN.	-	24,204	-	-	-	1,324	-	-8,698	16,830	13%
PETROLEUM PRODUCTS	-79,667	-36,855	-126,001	-324,923	529,939	19,542	-	-	-17,965	-13%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-79,667	-12,651	-126,001	-324,923	529,939	20,866	-	-8,698	-1,135	0%
TOTAL GROSS FLOWS	23,631	95,685	15,750	6,362	529,939	22,692	179	12,178	148,237	112%
LOSSES & OMISSIONS	-840	301	-27	1,314	-34	223	-0	1,231	2,169	2%
TOTAL NET USAGE	-56,876	59,131	-110,278	-317,246	529,904	22,915	178	4,711	132,441	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	478	478	95%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	25	25	5%
TOTAL SUPPLY	-	-	-	-	-	-	-	503	503	
NET IMPORTS OF REGION	-56,876	59,131	-110,278	-317,246	529,904	22,915	178	4,208	131,938	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.93%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 2 PORTLAND-SOUTH PORTLAND MAINE 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
				(ALL UNITS IN 10**9 BTU'S)						
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	39,473	19,883	-	4,798	-	1,564	-	11,819	77,537	31%
INDUSTRIAL	6,431	35,557	-	5,836	-	2,224	794	11,643	62,485	25%
TRANSPORTATION	5,227	24,775	38,830	410	-	589	-	-	69,831	28%
MISCELLANEOUS USES	175	2,720	-	70	-	105	-	181	3,251	1%
TOTAL FINAL DEMAND SECTORS	51,306	82,935	38,830	11,114	-	4,482	794	23,643	213,104	86%
TRANSFORMATION										
ELECTRICITY GEN.	-	45,919	-	-	-	2,506	-	-16,502	31,923	13%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-	45,919	-	-	-	2,506	-	-16,502	31,923	13%
TOTAL GROSS FLOWS	51,306	128,854	38,830	11,114	-	6,988	794	23,643	245,027	99%
LOSSES & OMISSIONS	-1,824	406	-66	2,296	-	68	-0	2,390	3,271	1%
TOTAL NET USAGE	49,481	129,260	38,763	13,410	-	7,056	793	9,531	248,298	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	3,077	3,077	16%
NUCLEAR	-	-	-	-	-	-	-	16,091	16,091	84%
GEO.&SOLAR	-	-	-	-	-	-	-	48	48	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	19,216	19,216	
NET IMPORTS OF REGION	49,481	129,260	38,763	13,410	-	7,056	793	-9,684	229,082	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.92%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 3 BURLINGTON VERMONT 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	30,957	3,061	-	3,577	-	2,788	-	10,212	50,595	38%
INDUSTRIAL	1,712	9,179	-	2,184	-	3,847	348	6,347	23,617	18%
TRANSPORTATION	2,669	117	29,265	332	-	433	-	-	32,816	25%
MISCELLANEOUS USES	129	364	-	51	-	117	-	212	873	1%
TOTAL FINAL DEMAND SECTORS	35,467	12,721	29,265	6,144	-	7,185	348	16,771	107,901	81%
TRANSFORMATION										
ELECTRICITY GEN.	-	31,850	-	-	-	1,743	1,540	-11,933	23,200	17%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-	31,850	-	-	-	1,743	1,540	-11,933	23,200	17%
TOTAL GROSS FLOWS	35,457	44,571	29,265	6,144	-	8,928	1,888	16,771	131,101	99%
LOSSES & OMISSIONS	-1,251	140	-50	1,269	-	87	-0	1,695	1,882	1%
TOTAL NET USAGE	34,205	44,711	29,214	7,413	-	9,015	1,887	6,533	132,983	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	4,678	4,678	99%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	33	33	1%
TOTAL SUPPLY	-	-	-	-	-	-	-	4,711	4,711	
NET IMPORTS OF REGION	34,205	44,711	29,214	7,413	-	9,015	1,887	1,822	128,272	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =56.03%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 4 BOSTON MASSACHUSETT 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	358,886	208,230	-	44,934	-	135,351	-	111,669	859,070	48%
INDUSTRIAL	12,219	42,079	-	51,214	-	39,260	4,438	34,225	183,435	10%
TRANSPORTATION	26,278	19,412	292,971	105,394	-	5,558	-	-	449,613	25%
MISCELLANEOUS USES	1,651	19,812	-	660	-	4,564	-	549	27,236	2%
TOTAL FINAL DEMAND SECTORS	399,034	289,533	292,971	202,202	-	184,733	4,438	146,443	1,519,354	84%
TRANSFORMATION										
ELECTRICITY GEN.	-	273,457	-	-	-	14,923	73,832	-121,561	240,661	13%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-	273,457	-	-	-	14,923	73,832	-121,561	240,661	13%
TOTAL GROSS FLOWS	399,034	563,000	292,971	202,202	-	199,656	78,270	146,443	1,760,015	97%
LOSSES & OMISSIONS	-14,189	1,776	-502	41,790	-	1,964	-6	14,803	45,635	3%
TOTAL NET USAGE	384,844	564,776	292,468	243,992	-	201,620	78,263	39,685	1,805,650	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	731	731	5%
NUCLEAR	-	-	-	-	-	-	-	12,595	12,595	87%
GEO.&SOLAR	-	-	-	-	-	-	-	1,085	1,085	8%
TOTAL SUPPLY	-	-	-	-	-	-	-	14,411	14,411	
NET IMPORTS OF REGION	384,844	564,776	292,468	243,992	-	201,620	78,263	25,274	1,791,239	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.44%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 5 HARTFORD CONNECTICUT 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	125,005	43,404	-	19,686	-	48,441	-	57,353	293,889	38%
INDUSTRIAL	11,870	57,599	-	34,717	-	25,663	3,140	21,267	154,256	20%
TRANSPORTATION	16,741	2,369	141,308	30,423	-	2,561	-	-	193,402	25%
MISCELLANEOUS USES	760	5,047	-	303	-	1,729	-	71	7,910	1%
TOTAL FINAL DEMAND SECTORS	154,376	108,419	141,308	85,129	-	78,394	3,140	78,691	649,457	84%
TRANSFORMATION										
ELECTRICITY GEN.	-	147,427	-	-	-	8,046	-	-52,981	102,492	13%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-	147,427	-	-	-	8,046	-	-52,981	102,492	13%
TOTAL GROSS FLOWS	154,376	255,846	141,308	85,129	-	86,440	3,140	78,691	751,949	97%
LOSSES & OMISSIONS	-5,489	807	-242	17,594	-	850	-0	7,954	21,474	3%
TOTAL NET USAGE	148,886	256,653	141,065	102,723	-	87,290	3,139	33,664	773,423	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	5,351	5,351	8%
NUCLEAR	-	-	-	-	-	-	-	59,798	59,798	92%
GEO.&SOLAR	-	-	-	-	-	-	-	153	153	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	65,302	65,302	
NET IMPORTS OF REGION	148,886	256,653	141,065	102,723	-	87,290	3,139	-31,637	708,121	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.92%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 6 ALBANY-SCHENECTADY-TROY NEW YORK 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	42,584	23,008	-	7,662	-	25,450	374	19,954	119,032	38%
INDUSTRIAL	3,182	9,983	-	17,348	-	15,324	10,398	16,108	72,343	23%
TRANSPORTATION	2,915	4,069	53,090	3,256	-	2,315	85	224	65,954	21%
MISCELLANEOUS USES	342	4,065	-	137	-	1,233	-	1,091	6,868	2%
TOTAL FINAL DEMAND SECTORS	49,023	41,125	53,090	28,403	-	44,322	10,857	37,377	264,197	85%
TRANSFORMATION										
ELECTRICITY GEN.	11,051	21,604	-	-	-	6,963	15,685	-17,590	37,713	12%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	11,051	21,604	-	-	-	6,963	15,685	-17,590	37,713	12%
TOTAL GROSS FLOWS	60,074	62,729	53,090	28,403	-	51,285	26,542	37,377	301,910	97%
LOSSES & OMISSIONS	-2,136	197	-91	5,870	-	504	-2	3,778	8,121	3%
TOTAL NET USAGE	57,937	62,926	52,998	34,273	-	51,789	26,539	23,565	310,031	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	8,101	8,101	100%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	28	28	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	8,129	8,129	
NET IMPORTS OF REGION	57,937	62,926	52,998	34,273	-	51,789	26,539	15,436	301,902	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.19%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 7 SYRACUSE NEW YORK 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	39,581	21,866	-	7,840	-	26,794	455	20,337	116,873	30%
INDUSTRIAL	3,528	8,817	-	21,266	-	18,797	28,402	24,842	105,652	27%
TRANSPORTATION	2,609	1,171	54,812	22,524	-	2,635	109	235	84,095	21%
MISCELLANEOUS USES	362	3,480	-	145	-	1,099	-	1,091	6,177	2%
TOTAL FINAL DEMAND SECTORS	46,080	35,334	54,812	51,775	-	49,325	28,966	46,505	312,797	80%
TRANSFORMATION										
ELECTRICITY GEN.	-	57,915	-	-	-	9,101	31,479	-33,902	64,593	16%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-	57,915	-	-	-	9,101	31,479	-33,902	64,593	16%
TOTAL GROSS FLOWS	46,080	93,249	54,812	51,775	-	58,426	60,445	46,505	377,390	96%
LOSSES & OMISSIONS	-1,638	294	-94	10,700	-	574	-4	4,701	14,533	4%
TOTAL NET USAGE	44,441	93,543	54,717	62,475	-	59,000	60,440	17,304	391,923	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	10,714	10,714	28%
NUCLEAR	-	-	-	-	-	-	-	27,492	27,492	72%
GEO.&SOLAR	-	-	-	-	-	-	-	24	24	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	38,230	38,230	
NET IMPORTS OF REGION	44,441	93,543	54,717	62,475	-	59,000	60,440	-20,925	353,693	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.58%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 8 ROCHESTER NEW YORK 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	31,390	15,645	-	6,218	-	20,690	361	15,177	89,481	35%
INDUSTRIAL	4,410	8,666	-	13,154	-	13,991	18,551	18,066	76,838	30%
TRANSPORTATION	1,654	144	43,469	4,079	-	2,090	58	183	51,677	20%
MISCELLANEOUS USES	287	1,917	-	115	-	594	-	589	3,502	1%
TOTAL FINAL DEMAND SECTORS	37,741	26,372	43,469	23,566	-	37,365	18,970	34,015	221,498	86%
TRANSFORMATION										
ELECTRICITY GEN.	517	3,233	-	-	-	6,662	33,390	-14,782	29,020	11%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	517	3,233	-	-	-	6,662	33,390	-14,782	29,020	11%
TOTAL GROSS FLOWS	38,258	29,605	43,469	23,566	-	44,027	52,360	34,015	250,518	97%
LOSSES & OMISSIONS	-1,360	93	-74	4,870	-	433	-4	3,438	7,396	3%
TOTAL NET USAGE	36,897	29,698	43,394	28,436	-	44,460	52,355	22,671	257,914	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	1,569	1,569	15%
NUCLEAR	-	-	-	-	-	-	-	9,030	9,030	85%
GEO.&SOLAR	-	-	-	-	-	-	-	17	17	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	10,616	10,616	
NET IMPORTS OF REGION	36,897	29,698	43,394	28,436	-	44,460	52,355	12,055	247,298	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.25%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 9 BUFFALO NEW YORK 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	45,042	23,070	-	9,000	-	30,763	785	22,692	131,352	27%
INDUSTRIAL	5,258	13,274	-	48,402	-	36,120	55,264	38,267	196,585	40%
TRANSPORTATION	3,595	1,651	63,615	10,347	-	3,031	122	387	82,748	17%
MISCELLANEOUS USES	416	3,209	-	167	-	1,045	-	983	5,820	1%
TOTAL FINAL DEMAND SECTORS	54,311	41,204	63,615	67,916	-	70,959	56,171	62,329	416,505	85%
TRANSFORMATION										
ELECTRICITY GEN.	-	230	-	-	-	11,979	80,489	-31,528	61,170	13%
PETROLEUM PRODUCTS	-40,434	-18,705	-63,950	-164,911	268,966	9,918	-	-	-9,116	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-40,434	-18,475	-63,950	-164,911	268,966	21,897	80,489	-31,528	52,054	11%
TOTAL GROSS FLOWS	54,311	41,434	63,615	67,916	268,966	92,856	136,660	62,329	477,675	98%
LOSSES & OMISSIONS	-1,931	130	-109	14,036	-17	913	-11	6,300	19,312	4%
TOTAL NET USAGE	11,945	22,859	-444	-82,958	268,948	93,769	136,648	37,101	487,871	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	37,230	31,369	-	-	68,599	49%
HYDROELECTRIC	-	-	-	-	-	-	-	72,534	72,534	51%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	31	31	0%
TOTAL SUPPLY	-	-	-	-	37,230	31,369	-	72,565	141,164	
NET IMPORTS OF REGION	11,945	22,859	-444	-82,958	231,718	62,400	136,648	-35,463	346,707	

NOTES:
1. TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.99%
2. TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3. TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4. TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 10 ERIE PENNSYLVANIA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	9,841	2,944	-	2,532	-	12,703	2,074	7,431	37,525	23%
INDUSTRIAL	1,963	5,890	-	20,397	-	18,872	25,770	11,699	84,591	51%
TRANSPORTATION	2,992	108	22,768	203	-	893	33	66	27,063	16%
MISCELLANEOUS USES	123	362	-	49	-	406	-	17	957	1%
TOTAL FINAL DEMAND SECTORS	14,919	9,304	22,768	23,181	-	32,874	27,877	19,213	150,136	90%
TRANSFORMATION										
ELECTRICITY GEN.	2,033	71	-	-	-	3,701	15,329	-6,899	14,235	9%
PETROLEUM PRODUCTS	-21,485	-9,939	-33,980	-87,625	142,914	5,270	-	-	-4,845	-2%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-19,452	-9,868	-33,980	-87,625	142,914	8,971	15,329	-6,899	9,390	6%
TOTAL GROSS FLOWS	16,952	9,375	22,768	23,181	142,914	41,845	43,206	19,213	164,371	99%
LOSSES & OMISSIONS	-602	29	-39	4,790	-9	411	-3	1,942	6,519	4%
TOTAL NET USAGE	-5,135	-534	-11,251	-59,653	142,904	42,256	43,202	14,256	166,045	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	20,670	29,937	10,588	-	61,195	99%
HYDROELECTRIC	-	-	-	-	-	-	-	728	728	1%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	10	10	0%
TOTAL SUPPLY	-	-	-	-	20,670	29,937	10,588	738	61,933	
NET IMPORTS OF REGION	-5,135	-534	-11,251	-59,653	122,234	12,319	32,614	13,518	104,112	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.36%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 11 WILLIAMSPORT PENNSYLVANIA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	8,264	2,500	-	2,126	-	10,702	1,742	6,271	31,605	24%
INDUSTRIAL	1,514	3,429	-	7,353	-	12,028	15,836	7,943	48,103	36%
TRANSPORTATION	3,406	91	19,120	254	-	750	28	106	23,795	18%
MISCELLANEOUS USES	103	414	-	41	-	484	-	20	1,062	1%
TOTAL FINAL DEMAND SECTORS	13,327	6,434	19,120	9,774	-	23,964	17,606	14,340	104,565	79%
TRANSFORMATION										
ELECTRICITY GEN.	2,513	1,273	-	-	-	2,792	30,249	-12,390	24,437	18%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	2,513	1,273	-	-	-	2,792	30,249	-12,390	24,437	18%
TOTAL GROSS FLOWS	15,840	7,707	19,120	9,774	-	26,755	47,855	14,340	129,002	98%
LOSSES & OMISSIONS	-563	24	-32	2,020	-	263	-3	1,449	3,157	2%
TOTAL NET USAGE	15,276	7,731	19,087	11,794	-	27,019	47,851	3,399	132,159	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	13,138	74,149	257,682	-	344,969	100%
HYDROELECTRIC	-	-	-	-	-	-	-	140	140	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	7	7	0%
TOTAL SUPPLY	-	-	-	-	13,138	74,149	257,682	147	345,116	
NET IMPORTS OF REGION	15,276	7,731	19,087	11,794	-13,138	-47,129	-209,830	3,252	-212,956	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTFICITY GEN. =66.36%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 12 BINGHAMTON NEW YORK-PENNSYLVANIA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	19,206	8,806	-	3,965	-	14,127	761	9,855	56,720	35%
INDUSTRIAL	1,908	3,634	-	10,485	-	11,231	10,548	11,707	49,513	30%
TRANSPORTATION	1,785	117	29,117	337	-	1,344	45	95	32,840	20%
MISCELLANEOUS USES	185	1,385	-	74	-	521	-	403	2,568	2%
TOTAL FINAL DEMAND SECTORS	23,084	13,942	29,117	14,861	-	27,223	11,354	22,060	141,641	87%
TRANSFORMATION										
ELECTRICITY GEN.	-	82	-	-	-	4,381	19,599	-8,097	15,965	10%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-	82	-	-	-	4,381	19,599	-8,097	15,965	10%
TOTAL GROSS FLOWS	23,084	14,024	29,117	14,861	-	31,604	30,953	22,060	157,606	97%
LOSSES & OMISSIONS	-820	44	-49	3,071	-	310	-2	2,229	4,783	3%
TOTAL NET USAGE	22,263	14,068	29,067	17,932	-	31,914	30,950	16,192	162,389	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	11,550	-	11,550	98%
HYDROELECTRIC	-	-	-	-	-	-	-	217	217	2%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	11	11	0%
TOTAL SUPPLY	-	-	-	-	-	-	11,550	228	11,778	
NET IMPORTS OF REGION	22,263	14,068	29,067	17,932	-	31,914	19,400	15,964	150,611	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.35%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 13 WILKES-BARRE-HAZLETON PENNSYLVANIA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLIATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	14,948	4,995	-	3,846	-	19,974	3,149	11,903	58,816	32%
INDUSTRIAL	2,244	5,084	-	10,471	-	14,869	17,003	11,663	61,334	33%
TRANSPORTATION	6,005	167	34,582	438	-	1,356	51	169	42,768	23%
MISCELLANEOUS USES	186	541	-	74	-	605	-	27	1,433	1%
TOTAL FINAL DEMAND SECTORS	23,383	10,783	34,582	14,829	-	36,804	20,203	23,762	164,351	90%
TRANSFORMATION										
ELECTRICITY GEN.	2,957	90	-	-	-	4,690	12,955	-6,576	14,116	8%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	2,957	90	-	-	-	4,690	12,955	-6,576	14,116	8%
TOTAL GROSS FLOWS	26,340	10,873	34,582	14,829	-	41,494	33,158	23,762	178,467	97%
LOSSES & OMISSIONS	-936	34	-59	3,064	-	408	-2	2,402	4,910	3%
TOTAL NET USAGE	25,403	10,912	34,522	17,893	-	41,902	33,155	19,588	183,377	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	43,564	-	43,564	67%
HYDROELECTRIC	-	-	-	-	-	-	-	1,224	1,224	2%
NUCLEAR	-	-	-	-	-	-	-	20,172	20,172	31%
GEO.&SOLAR	-	-	-	-	-	-	-	12	12	0%
TOTAL SUPPLY	-	-	-	-	-	-	43,564	21,408	64,972	
NET IMPORTS OF REGION	25,403	10,912	34,522	17,893	-	41,902	-10,408	-1,819	118,405	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.22%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EEA ECONOMIC AREA 14 NEW YORK NEW YORK 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	579,283	324,271	-	104,303	-	390,471	4,193	320,306	1,722,827	32%
INDUSTRIAL	46,500	137,736	-	414,267	-	201,977	110,451	168,111	1,079,042	20%
TRANSPORTATION	85,556	286,113	783,225	440,691	-	33,270	1,708	10,491	1,641,054	30%
MISCELLANEOUS USES	4,681	28,051	-	1,872	-	11,267	-	6,582	52,453	1%
TOTAL FINAL DEMAND SECTORS	716,020	776,171	783,225	961,133	-	636,985	116,352	505,490	4,495,376	83%
TRANSFORMATION										
ELECTRICITY GEN.	231,563	477,762	-	-	-	100,364	259,673	-341,897	727,465	13%
PETROLEUM PRODUCTS	-144,356	-66,782	-228,313	-588,759	960,250	35,409	-	-	-32,551	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	87,207	410,980	-228,313	-588,759	960,250	135,773	259,673	-341,897	694,914	13%
TOTAL GROSS FLOWS	947,583	1,253,933	783,225	961,133	960,250	772,758	375,025	505,490	5,222,841	96%
LOSSES & OMISSIONS	-33,696	3,956	-1,344	198,643	-62	7,604	-30	51,098	226,168	4%
TOTAL NET USAGE	769,530	1,191,107	553,567	571,017	960,187	780,362	375,994	214,691	5,416,458	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	7,193	7,193	11%
NUCLEAR	-	-	-	-	-	-	-	59,076	59,076	88%
GEO.&SOLAR	-	-	-	-	-	-	-	636	636	1%
TOTAL SUPPLY	-	-	-	-	-	-	-	66,905	66,905	
NET IMPORTS OF REGION	769,530	1,191,107	553,567	571,017	960,187	780,362	375,994	147,786	5,349,553	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.03%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 15 PHILADELPHIA PENNSYLVANIA-NEW JERSEY 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	198,740	66,334	-	44,471	-	199,613	21,315	148,001	678,475	25%
INDUSTRIAL	35,628	106,140	-	322,971	-	218,330	198,385	143,671	1,027,125	38%
TRANSPORTATION	57,914	46,634	361,777	50,320	-	13,625	505	1,152	531,927	20%
MISCELLANEOUS USES	1,875	8,120	-	750	-	7,890	-	244	18,879	1%
TOTAL FINAL DEMAND SECTORS	294,157	229,228	361,777	418,512	-	439,458	220,205	293,068	2,256,406	83%
TRANSFORMATION										
ELECTRICITY GEN.	128,313	145,491	-	-	-	49,943	325,253	-208,997	440,003	16%
PETROLEUM PRODUCTS	-352,053	-158,441	-534,579	-1,423,750	2,305,643	85,021	-	-	-78,159	-2%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-223,740	-12,950	-534,579	-1,423,750	2,305,643	134,964	325,253	-208,997	361,844	13%
TOTAL GROSS FLOWS	422,470	374,719	361,777	418,512	2,305,643	574,422	545,459	293,068	2,696,409	99%
LOSSES & OMISSIONS	-15,023	1,182	-620	86,496	-151	5,652	-44	29,625	107,116	4%
TOTAL NET USAGE	55,393	217,460	-173,422	-918,741	2,305,491	580,074	545,414	113,696	2,725,366	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	74,367	-	74,367	56%
HYDROELECTRIC	-	-	-	-	-	-	-	2,698	2,698	2%
NUCLEAR	-	-	-	-	-	-	-	54,273	54,273	41%
GEO.&SOLAR	-	-	-	-	-	-	-	522	522	0%
TOTAL SUPPLY	-	-	-	-	-	-	74,367	57,493	131,860	
NET IMPORTS OF REGION	55,393	217,460	-173,422	-918,741	2,305,491	580,074	471,047	56,203	2,593,506	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.80%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 16 HARRISBURG PENNSYLVANIA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	36,218	12,481	-	9,319	-	48,886	7,632	29,263	143,799	24%
INDUSTRIAL	6,361	13,840	-	32,980	-	50,323	61,798	34,961	200,263	33%
TRANSPORTATION	21,270	504	83,793	1,602	-	3,287	154	423	111,033	18%
MISCELLANEOUS USES	451	1,751	-	180	-	2,037	-	89	4,508	1%
TOTAL FINAL DEMAND SECTORS	64,300	28,576	83,793	44,081	-	104,533	69,584	64,736	459,603	76%
TRANSFORMATION										
ELECTRICITY GEN.	10,867	658	-	-	-	12,645	174,855	-67,400	131,625	22%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	10,867	658	-	-	-	12,645	174,855	-67,400	131,625	22%
TOTAL GROSS FLOWS	75,167	29,234	83,793	44,081	-	117,178	244,439	64,736	591,228	98%
LOSSES & OMISSIONS	-2,672	92	-143	9,110	-	1,153	-20	6,543	14,062	2%
TOTAL NET USAGE	72,494	29,326	83,649	53,191	-	118,331	244,418	3,879	605,290	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	1	11	28,541	-	28,553	27%
HYDROELECTRIC	-	-	-	-	-	-	-	4,433	4,433	4%
NUCLEAR	-	-	-	-	-	-	-	72,198	72,198	69%
GEO.&SOLAR	-	-	-	-	-	-	-	33	33	0%
TOTAL SUPPLY	-	-	-	-	1	11	28,541	76,664	105,217	
NET IMPORTS OF REGION	72,494	29,326	83,649	53,191	-1	118,320	215,877	-72,784	500,073	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.13%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EEA ECONOMIC AREA 17 BALTIMORE MARYLAND 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	50,602	15,774	-	28,356	-	46,912	48	61,291	202,983	24%
INDUSTRIAL	22,025	38,061	-	56,974	-	66,655	78,470	36,397	298,583	36%
TRANSPORTATION	25,790	19,780	114,875	29,302	-	3,694	-	-	193,441	23%
MISCELLANEOUS USES	539	2,719	-	216	-	2,267	-	131	5,872	1%
TOTAL FINAL DEMAND SECTORS	98,956	76,334	114,875	114,848	-	119,529	78,518	97,819	700,879	84%
TRANSFORMATION										
ELECTRICITY GEN.	427	54,550	-	-	-	4,973	101,695	-55,184	106,466	13%
PETROLEUM PRODUCTS	-13,603	-7,579	-24,263	-73,962	115,343	4,253	-	-	-3,911	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-13,176	46,971	-24,263	-73,962	115,343	9,231	101,695	-55,184	102,555	12%
TOTAL GROSS FLOWS	99,383	130,884	114,875	114,348	115,343	128,760	180,213	97,819	807,345	97%
LOSSES & OMISSIONS	-3,534	412	-197	23,736	-7	1,267	-14	9,888	31,550	4%
TOTAL NET USAGE	77,245	123,717	90,414	65,522	115,335	130,027	180,198	52,523	834,984	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	5,478	5,478	99%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	42	42	1%
TOTAL SUPPLY	-	-	-	-	-	-	-	5,520	5,520	
NET IMPORTS OF REGION	77,245	123,717	90,414	65,522	115,335	130,027	180,198	47,003	829,464	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.86%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EEA ECONOMIC AREA 18 WASHINGTON-DC MARYLAND-VIRGINIA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	61,298	34,019	-	36,839	-	67,998	147	93,709	294,010	35%
INDUSTRIAL	4,042	5,145	-	15,795	-	11,539	5,207	6,100	47,828	6%
TRANSPORTATION	23,890	594	160,612	104,666	-	4,913	-	-	294,675	35%
MISCELLANEOUS USES	717	9,216	-	287	-	7,493	-	4,883	22,596	3%
TOTAL FINAL DEMAND SECTORS	89,947	48,974	160,612	157,587	-	91,943	5,354	104,692	659,109	79%
TRANSFORMATION										
ELECTRICITY GEN.	292	93,746	-	-	-	4,715	110,537	-72,469	136,821	16%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	292	93,746	-	-	-	4,715	110,537	-72,469	136,821	16%
TOTAL GROSS FLOWS	90,239	142,720	160,612	157,587	-	96,658	115,891	104,692	795,930	95%
LOSSES & OMISSIONS	-3,208	450	-275	32,569	-	951	-9	10,583	41,059	5%
TOTAL NET USAGE	87,030	143,170	160,336	190,156	-	97,609	115,881	42,806	836,989	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	515	515	1%
NUCLEAR	-	-	-	-	-	-	-	33,896	33,896	98%
GEO.&SOLAR	-	-	-	-	-	-	-	40	40	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	34,451	34,451	
NET IMPORTS OF REGION	87,030	143,170	160,336	190,156	-	97,609	115,881	8,355	802,538	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.37%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 19 STAUNTON VIRGINIA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	5,841	683	-	4,239	-	8,258	49	9,719	28,789	15%
INDUSTRIAL	3,529	5,367	-	11,516	-	21,905	18,340	7,652	68,309	35%
TRANSPORTATION	8,047	26	20,765	784	-	597	-	-	30,219	16%
MISCELLANEOUS USES	87	119	-	35	-	422	-	400	1,063	1%
TOTAL FINAL DEMAND SECTORS	17,504	6,195	20,765	16,574	-	31,182	18,339	17,771	128,380	66%
TRANSFORMATION										
ELECTRICITY GEN.	5	791	-	-	-	920	87,955	-29,525	60,146	31%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	5	791	-	-	-	920	87,955	-29,525	60,146	31%
TOTAL GROSS FLOWS	17,509	6,986	20,765	16,574	-	32,102	106,344	17,771	188,526	97%
LOSSES & OMISSIONS	-622	22	-35	3,425	-	315	-8	1,796	4,892	3%
TOTAL NET USAGE	16,886	7,008	20,729	19,999	-	32,417	106,335	-9,957	193,418	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	39,937	-	39,937	100%
HYDROELECTRIC	-	-	-	-	-	-	-	120	120	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	8	8	0%
TOTAL SUPPLY	-	-	-	-	-	-	39,937	128	40,065	
NET IMPORTS OF REGION	16,886	7,008	20,729	19,999	-	32,417	66,398	-10,085	153,353	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.07%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EEA ECONOMIC AREA 20 ROANOKE VIRGINIA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	15,174	1,428	-	9,362	-	12,219	86	21,166	59,435	19%
INDUSTRIAL	7,684	14,529	-	24,759	-	38,882	44,271	14,452	144,577	47%
TRANSPORTATION	14,555	37	46,124	4,835	-	1,260	-	-	66,811	22%
MISCELLANEOUS USES	184	230	-	74	-	586	-	945	2,019	1%
TOTAL FINAL DEMAND SECTORS	37,597	16,224	46,124	39,030	-	52,947	44,357	36,563	272,842	89%
TRANSFORMATION										
ELECTRICITY GEN.	27	-	-	-	-	1,875	34,460	-11,883	24,479	8%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	27	-	-	-	-	1,875	34,460	-11,883	24,479	8%
TOTAL GROSS FLOWS	37,624	16,224	46,124	39,030	-	54,822	78,817	36,563	297,321	96%
LOSSES & OMISSIONS	-1,337	51	-79	8,066	-	539	-6	3,696	10,929	4%
TOTAL NET USAGE	36,286	16,275	46,044	47,096	-	55,361	78,810	28,376	308,250	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	1,510	1,510	99%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	16	16	1%
TOTAL SUPPLY	-	-	-	-	-	-	-	1,526	1,526	
NET IMPORTS OF REGION	36,286	16,275	46,044	47,096	-	55,361	78,810	26,850	306,724	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.32%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 21 RICHMOND VIRGINIA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	18,379	2,080	-	11,317	-	16,199	104	28,014	76,084	21%
INDUSTRIAL	8,351	15,746	-	21,545	-	40,343	47,659	13,539	147,283	40%
TRANSPORTATION	16,185	906	55,659	3,679	-	1,521	-	-	77,950	21%
MISCELLANEOUS USES	222	446	-	89	-	1,333	-	2,164	4,259	1%
TOTAL FINAL DEMAND SECTORS	43,137	19,178	55,659	36,730	-	59,393	47,763	43,717	305,576	83%
TRANSFORMATION										
ELECTRICITY GEN.	28	8,197	-	-	-	2,263	66,866	-25,697	51,657	14%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	28	8,197	-	-	-	2,263	66,866	-25,697	51,657	14%
TOTAL GROSS FLOWS	43,165	27,375	55,659	36,730	-	61,655	114,629	43,717	357,233	97%
LOSSES & OMISSIONS	-1,534	86	-95	7,591	-	606	-9	4,419	11,063	3%
TOTAL NET USAGE	41,630	27,461	55,563	44,321	-	62,261	114,619	22,439	368,296	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	2,405	2,405	6%
NUCLEAR	-	-	-	-	-	-	-	38,029	38,029	94%
GEO.&SOLAR	-	-	-	-	-	-	-	19	19	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	40,453	40,453	
NET IMPORTS OF REGION	41,630	27,461	55,563	44,321	-	62,261	114,619	-18,013	327,843	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.78%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 22 NORFOLK-PORTSMOUTH VIRGINIA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	19,157	1,975	-	11,391	-	15,673	108	28,216	77,020	27%
INDUSTRIAL	4,087	8,769	-	15,197	-	13,533	16,166	8,332	66,084	23%
TRANSPORTATION	10,460	13,416	58,874	4,795	-	1,602	-	-	89,147	31%
MISCELLANEOUS USES	234	1,006	-	93	-	3,367	-	5,394	10,094	4%
TOTAL FINAL DEMAND SECTORS	33,938	25,166	58,874	31,976	-	34,175	16,274	41,942	242,345	85%
TRANSFORMATION										
ELECTRICITY GEN.	97	36,346	-	-	-	1,996	24,045	-21,943	40,541	14%
PETROLEUM PRODUCTS	-30,336	-12,355	-39,566	-119,146	188,091	6,936	-	-	-6,376	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-30,239	23,991	-39,566	-119,146	188,091	8,932	24,045	-21,943	34,165	12%
TOTAL GROSS FLOWS	34,035	61,512	58,874	31,976	188,091	43,107	40,319	41,942	282,886	99%
LOSSES & OMISSIONS	-1,210	194	-101	6,608	-12	424	-3	4,239	10,139	4%
TOTAL NET USAGE	2,488	49,351	19,206	-80,561	188,078	43,531	40,315	24,238	286,649	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	237	237	1%
NUCLEAR	-	-	-	-	-	-	-	32,084	32,084	99%
GEO.&SOLAR	-	-	-	-	-	-	-	17	17	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	32,338	32,338	
NET IMPORTS OF REGION	2,488	49,351	19,206	-80,561	188,078	43,531	40,315	-8,099	254,311	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =64.88%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 23 RALEIGH NORTH CAROLINA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	24,956	2,879	-	16,921	-	12,712	131	44,605	102,195	22%
INDUSTRIAL	9,280	14,176	-	17,616	-	33,603	16,174	25,801	116,650	26%
TRANSPORTATION	9,980	27	89,749	2,149	-	2,340	-	-	104,245	23%
MISCELLANEOUS USES	342	876	-	137	-	1,633	-	1,404	4,392	1%
TOTAL FINAL DEMAND SECTORS	44,558	17,949	89,749	36,823	-	50,288	16,305	71,810	327,482	72%
TRANSFORMATION										
ELECTRICITY GEN.	154	-	-	-	-	3,630	167,317	-56,178	114,923	25%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	154	-	-	-	-	3,630	167,317	-56,178	114,923	25%
TOTAL GROSS FLOWS	44,712	17,949	89,749	36,823	-	53,918	183,622	71,810	442,405	97%
LOSSES & OMISSIONS	-1,589	56	-154	7,610	-	530	-15	7,259	13,697	3%
TOTAL NET USAGE	43,122	18,005	89,594	44,433	-	54,448	183,606	22,891	456,102	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	4,540	4,540	99%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	31	31	1%
TOTAL SUPPLY	-	-	-	-	-	-	-	4,571	4,571	
NET IMPORTS OF REGION	43,122	18,005	89,594	44,433	-	54,448	183,606	18,320	451,531	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =57.17%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 24 WILMINGTON NORTH CAROLINA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	6,581	648	-	4,462	-	3,111	35	10,916	25,753	20%
INDUSTRIAL	3,162	7,455	-	10,889	-	12,523	6,496	7,714	48,249	38%
TRANSPORTATION	2,380	452	23,666	745	-	617	-	-	27,860	22%
MISCELLANEOUS USES	90	413	-	36	-	833	-	715	2,087	2%
TOTAL FINAL DEMAND SECTORS	12,213	8,978	23,666	16,132	-	17,084	6,531	19,345	103,949	83%
TRANSFORMATION										
ELECTRICITY GEN.	29	12,961	-	-	-	990	11,923	-9,003	16,900	13%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	29	12,961	-	-	-	990	11,923	-9,003	16,900	13%
TOTAL GROSS FLOWS	12,242	21,939	23,666	16,132	-	18,074	18,454	19,345	120,849	96%
LOSSES & OMISSIONS	-435	69	-40	3,334	-	177	-1	1,955	5,059	4%
TOTAL NET USAGE	11,806	22,008	23,625	19,466	-	18,251	18,452	12,297	125,908	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	108	108	0%
NUCLEAR	-	-	-	-	-	-	-	32,797	32,797	100%
GEO.&SOLAR	-	-	-	-	-	-	-	8	8	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	32,913	32,913	
NET IMPORTS OF REGION	11,806	22,008	23,625	19,466	-	18,251	18,452	-20,615	92,995	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTEICITY GEN. =65.24%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 25 GREENSBORO-WINSTON SALEM-HIGH POINT N.C. 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	19,421	2,269	-	13,116	-	10,200	103	34,698	79,807	21%
INDUSTRIAL	8,263	14,124	-	15,862	-	37,227	17,151	22,973	115,600	30%
TRANSPORTATION	16,205	33	69,370	8,733	-	1,812	-	-	96,153	25%
MISCELLANEOUS USES	264	284	-	106	-	412	-	384	1,450	0%
TOTAL FINAL DEMAND SECTORS	44,153	16,710	69,370	37,817	-	49,651	17,254	58,055	293,010	75%
TRANSFORMATION										
ELECTRICITY GEN.	42	-	-	-	-	2,970	119,924	-40,346	82,590	21%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	42	-	-	-	-	2,970	119,924	-40,346	82,590	21%
TOTAL GROSS FLOWS	44,195	16,710	69,370	37,817	-	52,621	137,178	58,055	375,600	97%
LOSSES & OMISSIONS	-1,571	52	-119	7,815	-	517	-11	5,868	12,553	3%
TOTAL NET USAGE	42,623	16,762	69,250	45,632	-	53,138	137,166	23,577	388,153	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	2,502	2,502	99%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	26	26	1%
TOTAL SUPPLY	-	-	-	-	-	-	-	2,528	2,528	
NET IMPORTS OF REGION	42,623	16,762	69,250	45,632	-	53,138	137,166	21,049	385,625	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.18%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EEA ECONOMIC AREA 26 CHARLOTTE NORTH CAROLINA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	22,979	2,823	-	16,056	-	13,181	127	44,142	99,308	17%
INDUSTRIAL	9,441	20,281	-	26,508	-	52,642	31,426	33,386	173,684	30%
TRANSPORTATION	21,383	48	98,733	7,927	-	2,238	-	-	130,329	22%
MISCELLANEOUS USES	326	344	-	130	-	548	-	439	1,787	0%
TOTAL FINAL DEMAND SECTORS	54,129	23,496	98,733	50,621	-	68,609	31,553	77,967	405,108	70%
TRANSFORMATION										
ELECTRICITY GEN.	181	-	-	-	-	4,036	234,721	-78,504	160,434	28%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	181	-	-	-	-	4,036	234,721	-78,504	160,434	28%
TOTAL GROSS FLOWS	54,310	23,496	98,733	50,621	-	72,645	266,274	77,967	565,542	97%
LOSSES & OMISSIONS	-1,931	74	-169	10,462	-	714	-21	7,881	17,010	3%
TOTAL NET USAGE	52,378	23,570	98,563	61,083	-	73,359	266,252	7,344	582,552	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	8,390	8,390	15%
NUCLEAR	-	-	-	-	-	-	-	48,045	48,045	85%
GEO.&SOLAR	-	-	-	-	-	-	-	35	35	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	56,470	56,470	
NET IMPORTS OF REGION	52,378	23,570	98,563	61,083	-	73,359	266,252	-49,125	526,082	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.14%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 27 ASHEVILLE NORTH CAROLINA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	6,244	701	-	6,234	-	3,144	33	11,081	25,437	20%
INDUSTRIAL	3,998	10,338	-	7,343	-	12,907	10,303	7,775	52,664	42%
TRANSPORTATION	2,298	7	22,456	256	-	585	-	-	25,602	20%
MISCELLANEOUS USES	85	114	-	34	-	178	-	152	563	0%
TOTAL FINAL DEMAND SECTORS	12,625	11,160	22,456	11,867	-	16,814	10,336	19,008	104,266	83%
TRANSFORMATION										
ELECTRICITY GEN.	-	-	-	-	-	977	24,453	-8,328	17,102	14%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-	-	-	-	-	977	24,453	-8,328	17,102	14%
TOTAL GROSS FLOWS	12,625	11,160	22,456	11,867	-	17,791	34,789	19,008	121,368	97%
LOSSES & OMISSIONS	-448	35	-38	2,452	-	175	-2	1,921	4,094	3%
TOTAL NET USAGE	12,176	11,195	22,417	14,319	-	17,966	34,786	12,601	125,462	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	7,342	7,342	100%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	8	8	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	7,350	7,350	
NET IMPORTS OF REGION	12,176	11,195	22,417	14,319	-	17,966	34,786	5,251	118,112	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.25%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 28 GREENVILLE SOUTH CAROLINA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	8,483	389	-	8,289	-	9,888	77	23,900	51,026	15%
INDUSTRIAL	3,994	9,332	-	16,634	-	51,192	20,545	23,359	125,056	36%
TRANSPORTATION	7,280	20	116,481	2,423	-	1,243	-	-	127,447	37%
MISCELLANEOUS USES	182	104	-	73	-	454	-	231	1,044	0%
TOTAL FINAL DEMAND SECTORS	19,939	9,845	116,481	27,419	-	62,777	20,622	47,490	304,573	88%
TRANSFORMATION										
ELECTRICITY GEN.	27	666	-	-	-	2,513	40,694	-14,360	29,540	9%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	27	666	-	-	-	2,513	40,694	-14,360	29,540	9%
TOTAL GROSS FLOWS	19,966	10,511	116,481	27,419	-	65,290	61,316	47,490	334,113	97%
LOSSES & OMISSIONS	-709	33	-199	5,666	-	642	-5	4,800	10,228	3%
TOTAL NET USAGE	19,256	10,544	116,281	33,085	-	65,932	61,310	37,930	344,341	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	2,544	2,544	5%
NUCLEAR	-	-	-	-	-	-	-	53,196	53,196	95%
GEO.&SOLAR	-	-	-	-	-	-	-	21	21	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	55,761	55,761	
NET IMPORTS OF REGION	19,256	10,544	116,281	33,085	-	65,932	61,310	-17,830	288,580	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.29%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 29 COLUMBIA SOUTH CAROLINA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	6,000	286	-	5,905	-	7,304	55	17,460	37,010	16%
INDUSTRIAL	1,865	2,896	-	11,621	-	21,503	11,135	9,870	58,890	25%
TRANSPORTATION	5,543	16	83,824	1,780	-	887	-	-	92,055	40%
MISCELLANEOUS USES	129	137	-	52	-	1,252	-	634	2,204	1%
TOTAL FINAL DEMAND SECTORS	13,542	3,335	83,824	19,358	-	30,946	11,190	27,964	190,159	82%
TRANSFORMATION										
ELECTRICITY GEN.	136	353	-	-	-	1,409	48,985	-16,886	34,497	15%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	136	353	-	-	-	1,409	48,985	-16,886	34,497	15%
TOTAL GROSS FLOWS	13,678	4,188	83,824	19,358	-	32,355	60,175	27,964	224,656	97%
LOSSES & OMISSIONS	-486	13	-143	4,000	-	318	-4	2,826	6,524	3%
TOTAL NET USAGE	13,191	4,201	83,680	23,358	-	32,673	60,170	13,904	231,180	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	7,301	7,301	28%
NUCLEAR	-	-	-	-	-	-	-	18,322	18,322	71%
GEO.&SOLAR	-	-	-	-	-	-	-	12	12	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	25,635	25,635	
NET IMPORTS OF REGION	13,191	4,201	83,680	23,358	-	32,673	60,170	-11,730	205,545	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.1%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 30 FLORENCE SOUTH CAROLINA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	3,869	158	-	3,807	-	4,320	36	10,432	22,622	12%
INDUSTRIAL	4,616	14,211	-	5,301	-	17,205	9,000	16,040	66,373	35%
TRANSPORTATION	2,066	7	54,056	188	-	572	-	-	56,889	30%
MISCELLANEOUS USES	83	56	-	33	-	326	-	165	663	0%
TOTAL FINAL DEMAND SECTORS	10,634	14,432	54,056	9,329	-	22,423	9,036	26,637	146,547	76%
TRANSFORMATION										
ELECTRICITY GEN.	279	3,121	-	-	-	1,463	56,796	-20,361	41,298	21%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	279	3,121	-	-	-	1,463	56,796	-20,361	41,298	21%
TOTAL GROSS FLOWS	10,913	17,553	54,056	9,329	-	23,886	65,832	26,637	187,845	98%
LOSSES & OMISSIONS	-388	55	-92	1,928	-	235	-5	2,692	4,424	2%
TOTAL NET USAGE	10,524	17,608	53,963	11,257	-	24,121	65,826	8,968	192,269	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	160	160	1%
NUCLEAR	-	-	-	-	-	-	-	13,538	13,538	99%
GEO.&SOLAR	-	-	-	-	-	-	-	12	12	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	13,710	13,710	
NET IMPORTS OF REGION	10,524	17,608	53,963	11,257	-	24,121	65,826	-4,741	178,559	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.98%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 31 CHARLESTON SOUTH CAROLINA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	3,612	153	-	3,555	-	4,123	33	9,923	21,399	13%
INDUSTRIAL	1,901	5,966	-	6,100	-	11,958	3,341	6,503	35,769	22%
TRANSPORTATION	2,628	6,382	50,468	1,869	-	534	-	-	61,881	39%
MISCELLANEOUS USES	78	113	-	31	-	1,196	-	606	2,024	1%
TOTAL FINAL DEMAND SECTORS	8,219	12,614	50,468	11,555	-	17,811	3,374	17,032	121,073	76%
TRANSFORMATION										
ELECTRICITY GEN.	71	15,936	-	-	-	867	36,121	-18,054	34,941	22%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	71	15,936	-	-	-	867	36,121	-18,054	34,941	22%
TOTAL GROSS FLOWS	8,290	28,550	50,468	11,555	-	18,678	39,495	17,032	156,014	98%
LOSSES & OMISSIONS	-294	90	-86	2,388	-	183	-3	1,721	3,999	2%
TOTAL NET USAGE	7,995	28,640	50,381	13,943	-	18,861	39,491	699	160,013	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	1,328	1,328	99%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	7	7	1%
TOTAL SUPPLY	-	-	-	-	-	-	-	1,335	1,335	
NET IMPORTS OF REGION	7,995	28,640	50,381	13,943	-	18,861	39,491	-635	158,678	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.93%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 32 AUGUSTA GEORGIA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	2,662	633	-	3,794	-	6,520	18	10,163	23,790	16%
INDUSTRIAL	2,845	6,707	-	9,372	-	26,032	7,988	10,886	63,830	43%
TRANSPORTATION	3,034	29	36,604	258	-	600	-	-	40,525	27%
MISCELLANEOUS USES	88	261	-	35	-	977	-	161	1,522	1%
TOTAL FINAL DEMAND SECTORS	8,629	7,630	36,604	13,459	-	34,129	8,006	21,210	129,667	86%
TRANSFORMATION										
ELECTRICITY GEN.	181	-	-	-	-	1,132	21,700	-7,520	15,493	10%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	181	-	-	-	-	1,132	21,700	-7,520	15,493	10%
TOTAL GROSS FLOWS	8,810	7,630	36,604	13,459	-	35,261	29,706	21,210	145,160	97%
LOSSES & OMISSIONS	-313	24	-62	2,781	-	346	-2	2,144	4,918	3%
TOTAL NET USAGE	8,496	7,654	36,541	16,240	-	35,607	29,703	15,834	150,078	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	201	201	96%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	9	9	4%
TOTAL SUPPLY	-	-	-	-	-	-	-	210	210	
NET IMPORTS OF REGION	8,496	7,654	36,541	16,240	-	35,607	29,703	15,624	149,868	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.32%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 33 SAVANNAH GEORGIA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	1,736	838	-	3,395	-	7,419	7	9,800	23,195	17%
INDUSTRIAL	3,517	11,467	-	9,523	-	21,425	4,645	8,485	59,062	44%
TRANSPORTATION	4,387	670	23,407	1,098	-	554	-	-	30,110	22%
MISCELLANEOUS USES	81	200	-	32	-	589	-	28	930	1%
TOTAL FINAL DEMAND SECTORS	9,719	13,175	23,407	14,048	-	29,987	4,652	18,313	113,297	84%
TRANSFORMATION										
ELECTRICITY GEN.	7	10,153	-	-	-	5,075	11,560	-8,957	17,838	13%
PETROLEUM PRODUCTS	-7,441	-3,032	-9,705	-29,225	46,137	1,701	-	-	-1,565	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-7,434	7,121	-9,705	-29,225	46,137	6,776	11,560	-8,957	16,273	12%
TOTAL GROSS FLOWS	9,722	23,328	23,407	14,048	46,137	36,763	16,212	18,313	131,135	93%
LOSSES & OMISSIONS	-345	73	-40	2,903	-3	361	-1	1,851	4,799	4%
TOTAL NET USAGE	1,935	20,369	13,661	-12,273	46,133	37,124	16,210	11,207	134,369	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	105	105	0%
NUCLEAR	-	-	-	-	-	-	-	48,635	48,635	100%
GEO.&SOLAR	-	-	-	-	-	-	-	8	8	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	48,748	48,748	
NET IMPORTS OF REGION	1,935	20,369	13,661	-12,273	46,133	37,124	16,210	-37,540	85,621	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.57%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 34 JACKSONVILLE FLORIDA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	4,220	2,014	-	9,772	-	7,053	80	36,002	59,141	20%
INDUSTRIAL	8,764	23,734	-	13,384	-	29,414	8,251	10,124	93,671	31%
TRANSPORTATION	7,511	3,279	63,231	5,120	-	1,615	-	-	80,756	27%
MISCELLANEOUS USES	236	497	-	94	-	864	-	1,370	3,061	1%
TOTAL FINAL DEMAND SECTORS	20,731	29,524	63,231	28,370	-	38,946	8,331	47,496	236,629	79%
TRANSFORMATION										
ELECTRICITY GEN.	446	48,912	-	-	-	2,270	27,340	-27,861	51,107	17%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	446	48,912	-	-	-	2,270	27,340	-27,861	51,107	17%
TOTAL GROSS FLOWS	21,177	78,436	63,231	28,370	-	41,216	35,671	47,496	287,736	96%
LOSSES & OMISSIONS	-753	247	-108	5,863	-	405	-2	4,801	10,453	4%
TOTAL NET USAGE	20,423	78,683	63,122	34,233	-	41,621	35,668	24,436	298,189	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	248	248	93%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	20	20	7%
TOTAL SUPPLY	-	-	-	-	-	-	-	268	268	
NET IMPORTS OF REGION	20,423	78,683	63,122	34,233	-	41,621	35,668	24,168	297,921	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =64.72%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 35 ORLANDO FLORIDA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATUEAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	4,057	1,986	-	9,563	-	5,174	85	36,967	57,832	26%
INDUSTRIAL	3,214	3,690	-	6,062	-	8,415	2,022	6,674	30,077	13%
TRANSPORTATION	4,156	103	61,655	5,905	-	1,582	-	-	73,301	33%
MISCELLANEOUS USES	231	292	-	92	-	349	-	882	1,846	1%
TOTAL FINAL DEMAND SECTORS	11,658	6,071	61,655	21,522	-	15,520	2,107	44,523	163,056	73%
TRANSFORMATION										
ELECTRICITY GEN.	324	53,094	-	-	-	2,074	24,979	-28,534	51,937	23%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	324	53,094	-	-	-	2,074	24,979	-28,534	51,937	23%
TOTAL GROSS FLOWS	11,982	59,165	61,655	21,522	-	17,594	27,086	44,523	214,993	96%
LOSSES & OMISSIONS	-426	186	-105	4,448	-	173	-2	4,500	8,774	4%
TOTAL NET USAGE	11,555	59,351	61,549	25,970	-	17,767	27,083	20,489	223,767	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	28	-	-	-	28	10%
HYDROELECTEIC	-	-	-	-	-	-	-	227	227	83%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	18	18	7%
TOTAL SUPPLY	-	-	-	-	28	-	-	245	273	
NET IMPORTS OF REGION	11,555	59,351	61,549	25,970	-28	17,767	27,083	20,244	223,494	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =64.54%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 36 MIAMI FLORIDA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	11,435	5,360	-	26,956	-	14,175	240	102,287	160,453	19%
INDUSTRIAL	7,887	8,978	-	22,177	-	24,675	7,199	13,359	84,275	10%
TRANSPORTATION	17,227	4,726	173,789	231,357	-	4,460	-	-	431,559	50%
MISCELLANEOUS USES	651	696	-	261	-	762	-	1,927	4,297	1%
TOTAL FINAL DEMAND SECTORS	37,200	19,760	173,789	280,751	-	44,072	7,439	117,573	680,584	79%
TRANSFORMATION										
ELECTRICITY GEN.	638	88,358	-	-	-	10,015	65,078	-57,067	107,022	12%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	638	88,358	-	-	-	10,015	65,078	-57,067	107,022	12%
TOTAL GROSS FLOWS	37,838	108,118	173,789	280,751	-	54,087	72,517	117,573	787,606	92%
LOSSES & OMISSIONS	-1,345	341	-298	58,024	-	532	-5	11,885	69,133	8%
TOTAL NET USAGE	36,492	108,459	173,490	338,775	-	54,619	72,511	72,391	856,739	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	24,630	262	-	-	24,892	36%
HYDROELECTRIC	-	-	-	-	-	-	-	591	591	1%
NUCLEAR	-	-	-	-	-	-	-	43,444	43,444	63%
GEO.&SOLAR	-	-	-	-	-	-	-	46	46	0%
TOTAL SUPPLY	-	-	-	-	24,630	262	-	44,081	68,973	
NET IMPORTS OF REGION	36,492	108,459	173,490	338,775	-24,630	54,357	72,511	28,310	787,766	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.22%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EEA ECONOMIC AREA 37 TAMPA-SAINT PETERSBURG FLORIDA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	8,187	3,351	-	19,297	-	9,300	172	69,127	109,434	21%
INDUSTRIAL	9,450	11,413	-	20,136	-	34,526	7,148	13,670	96,343	18%
TRANSPORTATION	9,859	3,448	124,417	13,664	-	3,193	-	-	154,581	29%
MISCELLANEOUS USES	466	472	-	187	-	498	-	1,258	2,881	1%
TOTAL FINAL DEMAND SECTORS	27,962	18,684	124,417	53,284	-	47,517	7,320	84,055	363,239	69%
TRANSFORMATION										
ELECTRICITY GEN.	545	114,551	-	-	-	3,937	105,497	-78,363	146,167	28%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	545	114,551	-	-	-	3,937	105,497	-78,363	146,167	28%
TOTAL GROSS FLOWS	28,507	133,235	124,417	53,284	-	51,454	112,817	84,055	509,406	96%
LOSSES & OMISSIONS	-1,013	420	-213	11,012	-	506	-9	8,496	19,199	4%
TOTAL NET USAGE	27,493	133,655	124,203	64,296	-	51,960	112,807	14,188	528,605	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	4,344	55	-	-	4,399	20%
HYDROELECTRIC	-	-	-	-	-	-	-	431	431	2%
NUCLEAR	-	-	-	-	-	-	-	16,795	16,795	78%
GEO.&SOLAR	-	-	-	-	-	-	-	33	33	0%
TOTAL SUPPLY	-	-	-	-	4,344	55	-	17,259	21,658	
NET IMPORTS OF REGION	27,493	133,655	124,203	64,296	-4,344	51,905	112,807	-3,070	506,947	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.10%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EEA ECONOMIC AREA 38 TALLAHASSEE FLORIDA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	1,392	533	-	3,280	-	1,517	29	11,427	18,178	15%
INDUSTRIAL	3,976	11,973	-	3,858	-	11,236	3,139	3,759	37,941	31%
TRANSPORTATION	1,286	663	21,150	176	-	543	-	-	23,818	20%
MISCELLANEOUS USES	79	226	-	32	-	338	-	856	1,531	1%
TOTAL FINAL DEMAND SECTORS	6,733	13,395	21,150	7,346	-	13,634	3,168	16,042	81,468	67%
TRANSFORMATION										
ELECTRICITY GEN.	17	9,258	-	-	-	773	45,955	-18,781	37,222	31%
PETROLEUM PRODUCTS	-3,263	-1,329	-4,255	-12,814	20,229	746	-	-	-686	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-3,246	7,929	-4,255	-12,814	20,229	1,519	45,955	-18,781	36,536	30%
TOTAL GROSS FLOWS	6,750	22,653	21,150	7,346	20,229	15,153	49,123	16,042	118,690	98%
LOSSES & OMISSIONS	-240	71	-36	1,518	-1	149	-4	1,621	3,078	3%
TOTAL NET USAGE	3,246	21,395	16,858	-3,949	20,227	15,302	49,118	-1,117	121,082	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	373	373	98%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	7	7	2%
TOTAL SUPPLY	-	-	-	-	-	-	-	380	380	
NET IMPORTS OF REGION	3,246	21,395	16,858	-3,949	20,227	15,302	49,118	-1,497	120,702	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.46%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 39 PENSACOLA FLORIDA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	1,293	437	-	3,262	-	1,851	28	10,341	17,212	12%
INDUSTRIAL	3,325	7,628	-	10,972	-	27,654	6,468	6,820	62,873	44%
TRANSPORTATION	1,293	367	20,321	185	-	572	-	-	22,838	16%
MISCELLANEOUS USES	76	260	-	31	-	505	-	967	1,839	1%
TOTAL FINAL DEMAND SECTORS	6,087	8,688	20,321	14,450	-	30,592	6,496	18,128	104,762	73%
TRANSFORMATION										
ELECTRICITY GEN.	94	108	-	-	-	21,474	28,125	-15,224	34,577	24%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	94	108	-	-	-	21,474	28,125	-15,224	34,577	24%
TOTAL GROSS FLOWS	6,181	8,796	20,321	14,450	-	52,066	34,621	18,128	139,339	96%
LOSSES & OMISSIONS	-219	27	-34	2,986	-	512	-2	1,832	5,101	4%
TOTAL NET USAGE	5,961	8,823	20,286	17,436	-	52,578	34,618	4,736	144,440	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	218,267	96,523	-	-	314,790	100%
HYDROELECTRIC	-	-	-	-	-	-	-	89	89	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	9	9	0%
TOTAL SUPPLY	-	-	-	-	218,267	96,523	-	98	314,888	
NET IMPORTS OF REGION	5,961	8,823	20,286	17,436	-218,267	-43,944	34,618	4,638	-170,447	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =69.43%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 40 MONTGOMERY ALABAMA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	1,677	512	-	8,477	-	13,091	51	16,917	40,725	25%
INDUSTRIAL	4,221	1,074	-	6,316	-	16,661	12,693	12,079	53,044	33%
TRANSPORTATION	6,349	13	39,524	5,816	-	2,067	-	-	53,769	34%
MISCELLANEOUS USES	158	222	-	63	-	1,932	-	15	2,390	1%
TOTAL FINAL DEMAND SECTORS	12,405	1,821	39,524	20,672	-	33,751	12,744	29,011	149,928	94%
TRANSFORMATION										
ELECTRICITY GEN.	1,184	1,433	-	-	-	2,034	-	-1,544	3,107	2%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1,184	1,433	-	-	-	2,034	-	-1,544	3,107	2%
TOTAL GROSS FLOWS	13,589	3,254	39,524	20,672	-	35,785	12,744	29,011	153,035	96%
LOSSES & OMISSIONS	-483	10	-67	4,272	-	352	-1	2,932	7,015	4%
TOTAL NET USAGE	13,105	3,264	39,456	24,944	-	36,137	12,742	30,399	160,050	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	8,434	8,434	25%
NUCLEAR	-	-	-	-	-	-	-	24,632	24,632	74%
GEO.&SOLAR	-	-	-	-	-	-	-	21	21	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	33,087	33,087	
NET IMPORTS OF REGION	13,105	3,264	39,456	24,944	-	36,137	12,742	-2,687	126,963	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.80%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 41 ALBANY GEORGIA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	1,922	953	-	3,877	-	8,516	7	11,076	26,351	23%
INDUSTRIAL	2,726	3,962	-	3,671	-	15,970	2,561	9,409	38,299	34%
TRANSPORTATION	3,053	36	25,852	247	-	634	-	-	29,822	26%
MISCELLANEOUS USES	93	210	-	37	-	592	-	24	956	1%
TOTAL FINAL DEMAND SECTORS	7,794	5,161	25,852	7,832	-	25,712	2,563	20,509	95,428	84%
TRANSFORMATION										
ELECTRICITY GEN.	51	-	-	-	-	1,073	19,562	-6,758	13,928	12%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	51	-	-	-	-	1,073	19,562	-6,758	13,928	12%
TOTAL GROSS FLOWS	7,845	5,161	25,852	7,832	-	26,785	22,125	20,509	109,356	97%
LOSSES & OMISSIONS	-278	16	-44	1,618	-	263	-1	2,073	3,646	3%
TOTAL NET USAGE	7,566	5,177	25,807	9,450	-	27,048	22,128	15,824	113,002	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	1,639	1,639	99%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	9	9	1%
TOTAL SUPPLY	-	-	-	-	-	-	-	1,648	1,648	
NET IMPORTS OF REGION	7,566	5,177	25,807	9,450	-	27,048	22,128	14,176	111,354	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.33%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 42 MACON GEORGIA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	2,117	1,084	-	4,271	-	9,498	7	12,439	29,416	17%
INDUSTRIAL	4,118	6,619	-	3,952	-	23,009	2,818	8,674	49,190	29%
TRANSPORTATION	2,622	43	28,482	1,001	-	699	-	-	32,847	19%
MISCELLANEOUS USES	102	337	-	41	-	1,015	-	41	1,536	1%
TOTAL FINAL DEMAND SECTORS	8,959	8,083	28,482	9,265	-	34,221	2,825	21,154	112,989	67%
TRANSFORMATION										
ELECTRICITY GEN.	14	-	-	-	-	1,088	76,319	-25,449	51,972	31%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	14	-	-	-	-	1,088	76,319	-25,449	51,972	31%
TOTAL GROSS FLOWS	8,973	8,083	28,482	9,265	-	35,309	79,144	21,154	164,961	98%
LOSSES & OMISSIONS	-319	25	-48	1,914	-	347	-6	2,138	4,051	2%
TOTAL NET USAGE	8,653	8,108	28,433	11,179	-	35,656	79,137	-2,156	169,012	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	2,861	2,861	100%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	9	9	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	2,870	2,870	
NET IMPORTS OF REGION	8,653	8,108	28,433	11,179	-	35,656	79,137	-5,026	166,142	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.13%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 43 COLUMBUS GEORGIA-ALABAMA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	1,641	753	-	4,505	-	8,248	16	10,902	26,061	24%
INDUSTRIAL	2,052	1,554	-	3,787	-	19,106	7,273	6,964	40,836	37%
TRANSPORTATION	3,732	31	26,057	333	-	896	-	-	31,049	28%
MISCELLANEOUS USES	97	375	-	39	-	1,389	-	44	1,944	2%
TOTAL FINAL DEMAND SECTORS	7,522	2,813	26,057	8,664	-	29,635	7,289	17,910	99,890	91%
TRANSFORMATION										
ELECTRICITY GEN.	254	308	-	-	-	837	7,132	-2,787	5,744	5%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	254	308	-	-	-	837	7,132	-2,787	5,744	5%
TOTAL GROSS FLOWS	7,776	3,121	26,057	8,664	-	30,472	14,421	17,910	105,634	97%
LOSSES & OMISSIONS	-276	9	-44	1,790	-	299	-1	1,810	3,588	3%
TOTAL NET USAGE	7,499	3,130	26,012	10,454	-	30,771	14,419	16,933	109,222	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	3,313	3,313	100%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	10	10	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	3,323	3,323	
NET IMPORTS OF REGION	7,499	3,130	26,012	10,454	-	30,771	14,419	13,610	105,899	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.33%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 44 ATLANTA GEORGIA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	10,942	8,107	-	22,164	-	57,747	38	76,987	175,985	18%
INDUSTRIAL	6,972	17,348	-	23,302	-	86,344	18,570	24,348	176,884	18%
TRANSPORTATION	46,817	548	147,501	118,961	-	3,639	-	-	317,466	33%
MISCELLANEOUS USES	529	914	-	211	-	2,427	-	97	4,178	0%
TOTAL FINAL DEMAND SECTORS	65,260	26,917	147,501	164,638	-	150,157	18,608	101,432	674,513	70%
TRANSFORMATION										
ELECTRICITY GEN.	89	11	-	-	-	15,355	360,491	-123,016	252,930	26%
PETROLEUM PRODUCTS	-2,862	-1,166	-3,732	-11,240	17,745	654	-	-	-601	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-2,773	-1,155	-3,732	-11,240	17,745	16,009	360,491	-123,016	252,329	26%
TOTAL GROSS FLOWS	65,349	26,928	147,501	164,638	17,745	166,166	379,099	101,432	927,443	96%
LOSSES & OMISSIONS	-2,323	84	-253	34,026	-1	1,635	-31	10,253	43,391	4%
TOTAL NET USAGE	60,163	25,846	143,515	187,424	17,743	167,801	379,067	-11,330	970,233	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	7,551	7,551	99%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	43	43	1%
TOTAL SUPPLY	-	-	-	-	-	-	-	7,594	7,594	
NET IMPORTS OF REGION	60,163	25,846	143,515	187,424	17,743	167,801	379,067	-18,924	962,639	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.28%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 45 BIRMINGHAM ALABAMA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	4,981	1,285	-	23,422	-	35,000	168	45,122	109,973	14%
INDUSTRIAL	17,216	5,635	-	32,306	-	101,580	138,692	43,230	338,659	43%
TRANSPORTATION	31,875	364	109,009	4,229	-	5,664	-	-	151,141	19%
MISCELLANEOUS USES	433	343	-	172	-	2,307	-	91	3,346	0%
TOTAL FINAL DEMAND SECTORS	54,505	7,627	109,009	60,129	-	144,551	138,855	88,443	603,119	77%
TRANSFORMATION										
ELECTRICITY GEN.	3,701	4,475	-	-	-	3,561	230,883	-83,152	159,473	20%
PETROLEUM PRODUCTS	-16,270	-5,111	-30,990	-23,357	70,666	2,606	-	-	-2,396	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-12,569	-636	-30,990	-23,357	70,666	6,167	230,888	-83,152	157,077	20%
TOTAL GROSS FLOWS	56,206	12,102	109,009	60,129	70,666	150,718	359,743	88,443	762,592	98%
LOSSES & OMISSIONS	-2,069	38	-187	12,427	-4	1,483	-30	8,940	20,597	3%
TOTAL NET USAGE	35,926	7,029	77,831	49,199	70,661	152,201	359,712	14,231	780,793	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	1,606	9,127	342,555	-	353,288	98%
HYDROELECTRIC	-	-	-	-	-	-	-	8,688	8,688	2%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	66	66	0%
TOTAL SUPPLY	-	-	-	-	1,606	9,127	342,555	8,754	362,042	
NET IMPORTS OF REGION	39,926	7,029	77,831	49,199	69,055	143,074	27,157	5,477	418,751	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.73%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 46 MEMPHIS TENNESSEE-ARKANSAS 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	5,734	1,078	-	24,170	-	35,609	324	47,215	114,130	21%
INDUSTRIAL	8,829	3,531	-	28,906	-	39,498	32,152	44,939	157,855	29%
TRANSPORTATION	45,832	1,046	109,075	17,513	-	7,962	-	-	181,428	34%
MISCELLANEOUS USES	407	312	-	162	-	2,570	-	176	3,627	1%
TOTAL FINAL DEMAND SECTORS	60,802	5,967	109,075	70,751	-	85,639	32,476	92,330	457,040	85%
TRANSFORMATION										
ELECTRICITY GEN.	5,172	4,313	-	-	-	39,685	40,666	-29,641	60,195	11%
PETROLEUM PRODUCTS	-18,962	-4,385	-39,924	-24,257	81,742	3,014	-	-	-2,772	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-13,790	-72	-39,924	-24,257	81,742	42,699	40,666	-29,641	57,423	11%
TOTAL GROSS FLOWS	65,974	10,280	109,075	70,751	81,742	128,338	73,142	92,330	517,235	96%
LOSSES & OMISSIONS	-2,346	32	-187	14,622	-5	1,262	-6	9,333	22,706	4%
TOTAL NET USAGE	44,665	5,927	68,963	61,116	81,736	129,600	73,135	72,022	537,169	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	54	54	44%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	68	68	56%
TOTAL SUPPLY	-	-	-	-	-	-	-	122	122	
NET IMPORTS OF REGION	44,665	5,927	68,963	61,116	81,736	129,600	73,135	71,900	537,047	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.01%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 47 HUNTSVILLE ALABAMA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	1,991	589	-	9,524	-	14,925	80	20,168	47,277	17%
INDUSTRIAL	6,107	2,036	-	13,847	-	41,122	48,390	19,891	131,393	46%
TRANSPORTATION	6,475	12	44,271	1,108	-	2,307	-	-	54,173	19%
MISCELLANEOUS USES	176	174	-	70	-	1,393	-	24	1,837	1%
TOTAL FINAL DEMAND SECTORS	14,749	2,811	44,271	24,549	-	59,747	48,470	40,083	234,680	82%
TRANSFORMATION										
ELECTRICITY GEN.	1,678	2,031	-	-	-	4,182	55,739	-21,668	41,962	15%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1,678	2,031	-	-	-	4,182	55,739	-21,668	41,962	15%
TOTAL GROSS FLOWS	16,427	4,842	44,271	24,549	-	63,929	104,209	40,083	276,642	97%
LOSSES & OMISSIONS	-584	15	-75	5,073	-	629	-8	4,051	9,101	3%
TOTAL NET USAGE	15,842	4,857	44,195	29,622	-	64,558	104,200	22,466	285,743	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	14,850	14,850	24%
NUCLEAR	-	-	-	-	-	-	-	46,623	46,623	76%
GEO.&SOLAR	-	-	-	-	-	-	-	30	30	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	61,503	61,503	
NET IMPORTS OF REGION	15,842	4,857	44,195	29,622	-	64,558	104,200	-39,036	224,240	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.95%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 48 CHATTANOOGA TENNESSEE-GEORGIA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	2,934	632	-	9,658	-	14,333	129	21,461	49,147	15%
INDUSTRIAL	4,615	3,819	-	18,830	-	44,825	41,421	27,742	141,252	43%
TRANSPORTATION	9,067	37	48,492	2,184	-	2,152	-	-	61,932	19%
MISCELLANEOUS USES	187	162	-	74	-	737	-	17	1,177	0%
TOTAL FINAL DEMAND SECTORS	16,803	4,650	48,492	30,746	-	62,047	41,550	49,220	253,508	76%
TRANSFORMATION										
ELECTRICITY GEN.	1,654	2,004	-	-	-	2,165	95,661	-34,650	66,834	20%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1,654	2,004	-	-	-	2,165	95,661	-34,650	66,834	20%
TOTAL GROSS FLOWS	18,457	6,654	48,492	30,746	-	64,212	137,211	49,220	320,342	97%
LOSSES & OMISSIONS	-656	20	-83	6,354	-	631	-11	4,975	11,232	3%
TOTAL NET USAGE	17,800	6,674	48,408	37,100	-	64,843	137,199	19,545	331,574	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	34,265	-	34,265	25%
HYDROELECTRIC	-	-	-	-	-	-	-	14,638	14,638	11%
NUCLEAR	-	-	-	-	-	-	-	85,556	85,556	64%
GEO.&SOLAR	-	-	-	-	-	-	-	33	33	0%
TOTAL SUPPLY	-	-	-	-	-	-	34,265	100,227	134,492	
NET IMPORTS OF REGION	17,800	6,674	48,408	37,100	-	64,843	102,934	-80,681	197,082	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.86%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 49 NASHVILLE TENNESSEE 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	4,855	840	-	20,537	-	32,260	37	44,179	103,042	18%
INDUSTRIAL	4,588	1,488	-	16,837	-	42,365	43,265	36,727	145,271	26%
TRANSPORTATION	28,696	88	93,475	16,762	-	4,900	-	-	143,921	25%
MISCELLANEOUS USES	374	261	-	149	-	2,540	-	309	3,633	1%
TOTAL FINAL DEMAND SECTORS	38,513	2,677	93,475	54,285	-	82,065	43,636	81,215	395,867	70%
TRANSFORMATION										
ELECTRICITY GEN.	3,371	4,082	-	-	-	10,411	216,997	-80,130	154,731	27%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	3,371	4,082	-	-	-	10,411	216,997	-80,130	154,731	27%
TOTAL GROSS FLOWS	41,884	6,759	93,475	54,285	-	92,477	260,633	81,215	550,598	97%
LOSSES & OMISSIONS	-1,489	21	-160	11,219	-	909	-27	8,209	18,689	3%
TOTAL NET USAGE	40,394	6,780	93,314	65,504	-	93,385	260,611	9,294	569,287	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	1,861	3,224	14,398	-	19,483	76%
HYDROELECTRIC	-	-	-	-	-	-	-	6,112	6,112	24%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	60	60	0%
TOTAL SUPPLY	-	-	-	-	1,861	3,224	14,398	6,172	25,655	
NET IMPORTS OF REGION	40,394	6,780	93,314	65,504	-1,861	90,162	246,213	3,122	543,632	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.68%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 50 KNOXVILLE TENNESSEE 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	2,995	424	-	12,670	-	18,101	228	26,084	60,502	15%
INDUSTRIAL	4,100	1,332	-	27,991	-	44,412	68,223	36,369	182,427	44%
TRANSPORTATION	15,366	45	57,663	4,840	-	3,023	-	-	80,937	19%
MISCELLANEOUS USES	230	146	-	92	-	1,166	-	108	1,742	0%
TOTAL FINAL DEMAND SECTORS	22,691	1,947	57,663	45,593	-	66,702	68,451	62,561	325,608	78%
TRANSFORMATION										
ELECTRICITY GEN.	2,692	3,260	-	-	-	2,595	106,833	-39,532	75,848	18%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	2,692	3,260	-	-	-	2,595	106,833	-39,532	75,848	18%
TOTAL GROSS FLOWS	25,383	5,207	57,663	45,593	-	69,297	175,284	62,561	401,456	96%
LOSSES & OMISSIONS	-902	16	-98	9,422	-	681	-14	6,324	15,429	4%
TOTAL NET USAGE	24,480	5,223	57,564	55,015	-	69,978	175,269	29,353	416,885	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	5,936	24,571	551,192	-	581,699	98%
HYDROELECTRIC	-	-	-	-	-	-	-	8,915	8,915	2%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	48	48	0%
TOTAL SUPPLY	-	-	-	-	5,936	24,571	551,192	8,963	590,662	
NET IMPORTS OF REGION	24,480	5,223	57,564	55,015	-5,936	45,407	-375,922	20,390	-173,776	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.74%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 51 BRISTOL VIRGINIA-TENNESSEE 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	7,118	643	-	9,652	-	14,434	149	19,681	51,677	16%
INDUSTRIAL	6,260	3,086	-	24,989	-	35,368	48,362	24,914	142,979	44%
TRANSPORTATION	16,036	60	45,532	1,384	-	1,885	-	-	64,997	20%
MISCELLANEOUS USES	186	167	-	75	-	679	-	369	1,476	0%
TOTAL FINAL DEMAND SECTORS	29,600	3,956	45,532	36,100	-	52,366	48,511	44,964	261,129	81%
TRANSFORMATION										
ELECTRICITY GEN.	1,344	1,628	-	-	-	2,018	72,782	-26,104	51,668	16%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1,344	1,628	-	-	-	2,018	72,782	-26,104	51,668	16%
TOTAL GROSS FLOWS	30,944	5,584	45,532	36,100	-	54,384	121,293	44,964	312,797	96%
LOSSES & OMISSIONS	-1,100	17	-78	7,461	-	535	-9	4,545	11,370	4%
TOTAL NET USAGE	29,843	5,601	45,553	43,561	-	54,919	121,283	23,405	324,167	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	1,186	6,908	1,103,474	-	1,111,568	100%
HYDROELECTRIC	-	-	-	-	-	-	-	2,293	2,293	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	30	30	0%
TOTAL SUPPLY	-	-	-	-	1,186	6,908	1,103,474	2,323	1,113,891	
NET IMPORTS OF REGION	29,843	5,601	45,553	43,561	-1,186	48,011	-982,190	21,082	-789,723	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.44%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EEA ECONOMIC AREA 52 HUNTINGTON-ASHLAND WEST VIRGINIA-KENTUCKY-OHIO 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	5,959	1,292	-	11,872	-	44,474	556	23,423	87,576	11%
INDUSTRIAL	4,860	3,815	-	43,559	-	93,685	133,954	58,277	338,150	42%
TRANSPORTATION	16,766	3,821	57,700	1,158	-	2,641	-	-	82,086	10%
MISCELLANEOUS USES	284	266	-	114	-	2,004	-	193	2,861	0%
TOTAL FINAL DEMAND SECTORS	27,869	9,194	57,700	56,703	-	142,804	134,510	81,893	510,673	64%
TRANSFORMATION										
ELECTRICITY GEN.	1,884	1,649	-	-	-	4,496	405,420	-138,359	275,090	35%
PETROLEUM PRODUCTS	-61,462	-14,707	-127,157	-86,049	270,249	9,965	-	-	-9,161	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-59,578	-13,058	-127,157	-86,049	270,249	14,461	405,420	-138,359	265,929	33%
TOTAL GROSS FLOWS	29,753	10,843	57,700	56,703	270,249	157,265	539,930	81,893	785,763	99%
LOSSES & OMISSIONS	-1,058	34	-99	11,719	-17	1,547	-44	8,278	20,360	3%
TOTAL NET USAGE	-32,767	-3,829	-69,556	-17,626	270,231	158,812	539,885	-48,187	796,962	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	21,140	11,575	2,187,688	-	2,220,403	100%
HYDROELECTRIC	-	-	-	-	-	-	-	536	536	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	49	49	0%
TOTAL SUPPLY	-	-	-	-	21,140	11,575	2,187,688	585	2,220,988	
NET IMPORTS OF REGION	-32,767	-3,829	-69,556	-17,626	249,091	147,237	-1,647,802	-48,772	-1,424,025	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.54%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 53 LEXINGTON KENTUCKY 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	2,514	287	-	10,865	-	24,981	175	17,228	56,150	24%
INDUSTRIAL	2,373	408	-	5,496	-	14,218	17,355	22,797	61,647	26%
TRANSPORTATION	9,315	44	47,490	941	-	2,586	-	-	60,376	26%
MISCELLANEOUS USES	297	123	-	79	-	1,588	-	558	2,545	1%
TOTAL FINAL DEMAND SECTORS	14,499	862	47,490	16,381	-	43,373	17,530	40,583	180,718	77%
TRANSFORMATION										
ELECTRICITY GEN.	1,758	13,439	-	-	-	1,688	53,460	-24,981	45,364	19%
PETROLEUM PRODUCTS	-1,296	-300	-2,728	-1,658	5,587	206	-	-	-189	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	462	13,139	-2,728	-1,658	5,587	1,894	53,460	-24,981	45,175	19%
TOTAL GROSS FLOWS	14,957	14,001	47,490	16,381	5,587	45,267	70,990	40,583	226,082	97%
LOSSES & OMISSIONS	-578	45	-81	3,385	-0	445	-5	4,102	7,312	3%
TOTAL NET USAGE	14,382	14,046	44,680	18,108	5,586	45,712	70,984	19,704	233,205	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	15,893	31,172	579,628	-	626,693	100%
HYDROELECTEIC	-	-	-	-	-	-	-	2,922	2,922	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	31	31	0%
TOTAL SUPPLY	-	-	-	-	15,893	31,172	579,628	2,953	629,646	
NET IMPORTS OF REGION	14,382	14,046	44,680	18,108	-10,306	14,540	-508,643	16,751	-396,440	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =64.49%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.26%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 54 LOUISVILLE KENTUCKY-INDIANA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	8,629	1,222	-	16,350	-	44,155	1,004	29,438	100,798	18%
INDUSTRIAL	4,938	2,083	-	19,536	-	48,761	54,225	53,521	183,064	33%
TRANSPORTATION	22,122	170	76,428	13,413	-	4,375	-	-	116,508	21%
MISCELLANEOUS USES	340	347	-	135	-	3,023	-	900	4,745	1%
TOTAL FINAL DEMAND SECTORS	36,029	3,822	76,428	49,434	-	100,314	55,229	83,859	405,115	72%
TRANSFORMATION										
ELECTRICITY GEN.	4,110	4,821	-	-	-	4,585	200,856	-73,202	141,170	25%
PETROLEUM PRODUCTS	-10,885	-2,517	-22,917	-13,924	46,922	1,730	-	-	-1,591	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-6,775	2,304	-22,917	-13,924	46,922	6,315	200,856	-73,202	139,579	25%
TOTAL GROSS FLOWS	40,139	8,643	76,428	49,434	46,922	106,629	256,085	83,859	546,285	97%
LOSSES & OMISSIONS	-1,427	27	-131	10,216	-3	1,049	-21	8,477	18,187	3%
TOTAL NET USAGE	27,826	6,153	53,379	45,726	46,918	107,678	256,063	19,134	562,881	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	95	-	-	-	95	11%
HYDROELECTRIC	-	-	-	-	-	-	-	741	741	82%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	64	64	7%
TOTAL SUPPLY	-	-	-	-	95	-	-	805	900	
NET IMPORTS OF REGION	27,826	6,153	53,379	45,726	46,823	107,678	256,063	18,329	561,981	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.85%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

PEA ECONOMIC AREA 55 EVANSVILLE INDIANA-KENTUCKY 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	10,712	2,381	-	8,702	-	28,887	1,553	16,533	68,768	12%
INDUSTRIAL	6,738	4,383	-	18,111	-	42,722	30,459	17,787	119,600	21%
TRANSPORTATION	9,824	21	47,053	22,867	-	3,041	-	-	82,806	15%
MISCELLANEOUS USES	244	337	-	98	-	1,192	-	202	2,073	0%
TOTAL FINAL DEMAND SECTORS	26,518	7,122	47,053	49,778	-	75,842	32,012	34,522	273,247	49%
TRANSFORMATION										
ELECTRICITY GEN.	3,903	18,957	-	-	-	2,825	395,697	-143,936	277,446	50%
PETROLEUM PRODUCTS	-46,038	-18,647	-96,930	-58,892	198,462	7,318	-	-	-6,727	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-42,135	310	-96,930	-58,892	198,462	10,143	395,697	-143,936	270,719	49%
TOTAL GROSS FLOWS	30,821	25,079	47,053	49,778	198,462	85,985	427,709	34,522	550,693	99%
LOSSES & OMISSIONS	-1,095	82	-80	10,287	-12	846	-35	3,489	13,481	2%
TOTAL NET USAGE	-16,312	15,514	-49,957	1,173	198,449	86,831	427,673	-105,924	557,447	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	92,056	34,396	1,626,153	-	1,752,605	100%
HYDROELECTRIC	-	-	-	-	-	-	-	7	7	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	19	19	0%
TOTAL SUPPLY	-	-	-	-	92,056	34,396	1,626,153	26	1,752,631	
NET IMPORTS OF REGION	-16,312	15,514	-49,957	1,173	106,393	52,435	-1,198,479	-105,950	-1,195,183	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.84%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 56 TERRE HAUTE INDIANA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	4,697	1,052	-	2,297	-	9,365	709	4,981	23,101	16%
INDUSTRIAL	1,457	1,707	-	15,092	-	14,732	6,894	3,507	43,389	30%
TRANSPORTATION	2,539	2	14,387	150	-	1,002	-	-	18,080	12%
MISCELLANEOUS USES	82	154	-	32	-	440	-	32	740	1%
TOTAL FINAL DEMAND SECTORS	8,775	2,915	14,387	17,571	-	25,539	7,603	8,520	85,310	58%
TRANSFORMATION										
ELECTRICITY GEN.	1,472	-	-	-	-	898	101,972	-35,349	68,993	47%
PETROLEUM PRODUCTS	-84,228	-19,480	-177,336	-107,745	363,091	13,389	-	-	-12,309	-7%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-82,756	-19,480	-177,336	-107,745	363,091	14,287	101,972	-35,349	56,684	39%
TOTAL GROSS FLOWS	10,247	2,915	14,387	17,571	363,091	39,826	109,575	8,520	154,303	105%
LOSSES & OMISSIONS	-364	9	-24	3,631	-23	391	-8	861	4,472	3%
TOTAL NET USAGE	-74,345	-16,555	-162,973	-86,542	363,067	40,217	109,566	-25,967	146,466	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	8,998	470	213,660	-	223,128	100%
HYDROELECTRIC	-	-	-	-	-	-	-	1	1	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	4	4	0%
TOTAL SUPPLY	-	-	-	-	8,998	470	213,660	5	223,133	
NET IMPORTS OF REGION	-74,345	-16,555	-162,973	-86,542	354,069	39,747	-104,093	-25,972	-76,666	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.12%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 57 SPRINGFIELD ILLINOIS 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	6,564	2,417	-	4,646	-	24,968	1,210	10,061	49,866	24%
INDUSTRIAL	2,497	1,810	-	5,501	-	17,018	9,078	6,325	42,229	20%
TRANSPORTATION	4,255	8	25,615	1,871	-	2,111	-	-	33,860	16%
MISCELLANEOUS USES	173	416	-	69	-	1,357	-	427	2,442	1%
TOTAL FINAL DEMAND SECTORS	13,489	4,651	25,615	12,087	-	45,454	10,288	16,813	128,397	62%
TRANSFORMATION										
ELECTRICITY GEN.	2,179	5,766	-	-	-	1,759	104,081	-38,545	75,240	36%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	2,179	5,766	-	-	-	1,759	104,081	-38,545	75,240	36%
TOTAL GROSS FLOWS	15,668	10,417	25,615	12,087	-	47,213	114,369	16,813	203,637	98%
LOSSES & OMISSIONS	-557	32	-43	2,498	-	464	-9	1,699	4,084	2%
TOTAL NET USAGE	15,110	10,449	25,571	14,585	-	47,677	114,359	-20,032	207,721	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	3,226	-	101,456	-	104,682	100%
HYDROELECTRIC	-	-	-	-	-	-	-	2	2	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	7	7	0%
TOTAL SUPPLY	-	-	-	-	3,226	-	101,456	9	104,691	
NET IMPORTS OF REGION	15,110	10,449	25,571	14,585	-3,226	47,677	12,903	-20,041	103,030	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.12%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 58 CHAMPAIGN-URBANA ILLINOIS 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	4,884	1,665	-	3,458	-	18,059	900	7,197	36,163	32%
INDUSTRIAL	1,962	1,636	-	5,018	-	14,184	8,931	4,959	36,690	32%
TRANSPORTATION	2,712	4	19,058	293	-	1,571	-	-	23,638	21%
MISCELLANEOUS USES	129	544	-	51	-	1,924	-	606	3,254	3%
TOTAL FINAL DEMAND SECTORS	9,687	3,849	19,058	8,820	-	35,738	9,831	12,762	99,745	87%
TRANSFORMATION										
ELECTRICITY GEN.	1,518	-	-	-	-	1,342	14,045	-5,519	11,386	10%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1,518	-	-	-	-	1,342	14,045	-5,519	11,386	10%
TOTAL GROSS FLOWS	11,205	3,849	19,058	8,820	-	37,080	23,876	12,762	111,131	97%
LOSSES & OMISSIONS	-398	12	-32	1,822	-	364	-1	1,290	3,056	3%
TOTAL NET USAGE	10,806	3,861	19,025	10,642	-	37,444	23,874	8,533	114,187	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	9,556	41,545	45,673	-	96,774	100%
HYDROELECTRIC	-	-	-	-	-	-	-	2	2	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	5	5	0%
TOTAL SUPPLY	-	-	-	-	9,556	41,545	45,673	7	96,781	
NET IMPORTS OF REGION	10,806	3,861	19,025	10,642	-9,556	-4,100	-21,798	8,526	17,406	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.35%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 59 LAFAYETTE-WEST LAFAYETTE INDIANA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	4,878	1,038	-	2,279	-	8,924	720	4,964	22,803	26%
INDUSTRIAL	2,198	1,668	-	5,760	-	14,854	8,795	5,318	38,593	43%
TRANSPORTATION	2,194	1	14,535	140	-	988	-	-	17,858	20%
MISCELLANEOUS USES	81	197	-	32	-	581	-	16	907	1%
TOTAL FINAL DEMAND SECTORS	9,351	2,904	14,535	8,211	-	25,347	9,515	10,298	80,161	90%
TRANSFORMATION										
ELECTRICITY GEN.	1,245	474	-	-	-	1,120	6,803	-3,096	6,546	7%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1,245	474	-	-	-	1,120	6,803	-3,096	6,546	7%
TOTAL GROSS FLOWS	10,596	3,378	14,535	8,211	-	26,467	16,318	10,298	86,707	97%
LOSSES & OMISSIONS	-376	10	-24	1,697	-	260	-1	1,040	2,606	3%
TOTAL NET USAGE	10,219	3,388	14,510	9,908	-	26,727	16,316	8,242	89,313	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	1,147	-	1,147	95%
HYDROELECTRIC	-	-	-	-	-	-	-	60	60	5%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	4	4	0%
TOTAL SUPPLY	-	-	-	-	-	-	1,147	64	1,211	
NET IMPORTS OF REGION	10,219	3,388	14,510	9,908	-	26,727	15,169	8,178	88,102	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.89%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 60 INDIANAPOLIS INDIANA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	34,199	8,289	-	15,980	-	66,136	5,050	37,045	166,699	22%
INDUSTRIAL	9,892	11,351	-	41,788	-	87,342	46,654	22,420	219,447	29%
TRANSPORTATION	28,031	14	101,904	137,687	-	6,924	-	-	274,560	36%
MISCELLANEOUS USES	567	1,219	-	226	-	3,502	-	96	5,610	1%
TOTAL FINAL DEMAND SECTORS	72,689	20,873	101,904	195,681	-	163,904	51,704	59,561	666,316	87%
TRANSFORMATION										
ELECTRICITY GEN.	6,909	4,023	-	-	-	6,230	68,886	-28,288	57,760	8%
PETROLEUM PRODUCTS	-13,822	-3,197	-29,101	-17,681	59,584	2,197	-	-	-2,020	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-6,913	826	-29,101	-17,681	59,584	8,427	68,886	-28,288	55,740	7%
TOTAL GROSS FLOWS	79,598	24,896	101,904	195,681	59,584	172,331	120,590	59,561	724,076	94%
LOSSES & OMISSIONS	-2,830	78	-174	40,442	-3	1,695	-9	6,020	45,218	6%
TOTAL NET USAGE	62,945	21,777	72,628	218,442	59,580	174,026	120,580	37,293	767,274	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	362	-	362	91%
HYDROELECTRIC	-	-	-	-	-	-	-	9	9	2%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	25	25	6%
TOTAL SUPPLY	-	-	-	-	-	-	362	34	396	
NET IMPORTS OF REGION	62,945	21,777	72,628	218,442	59,580	174,026	120,218	37,259	766,878	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.13%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 61 ANDERSON INDIANA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
				(ALL UNITS IN 10**9 BTU'S)						
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	11,215	2,382	-	5,240	-	19,440	1,656	10,750	50,383	28%
INDUSTRIAL	4,150	4,351	-	7,554	-	37,835	25,704	10,011	89,605	45%
TRANSPORTATION	4,981	3	33,418	333	-	2,271	-	-	41,006	20%
MISCELLANEOUS USES	186	294	-	74	-	780	-	21	1,355	1%
TOTAL FINAL DEMAND SECTORS	20,532	6,730	33,418	13,201	-	60,326	27,360	20,782	182,349	91%
TRANSFORMATION										
ELECTRICITY GEN.	2,358	-	-	-	-	2,238	15,060	-6,308	13,348	7%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	2,358	-	-	-	-	2,238	15,060	-6,308	13,348	7%
TOTAL GROSS FLOWS	22,890	6,730	33,418	13,201	-	62,564	42,420	20,782	195,697	98%
LOSSES & OMISSIONS	-813	21	-57	2,728	-	615	-3	2,100	4,591	2%
TOTAL NET USAGE	22,076	6,751	33,360	15,929	-	63,179	42,416	16,574	200,288	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	8	-	-	-	8	40%
HYDROELECTRIC	-	-	-	-	-	-	-	3	3	15%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	9	9	45%
TOTAL SUPPLY	-	-	-	-	8	-	-	12	20	
NET IMPORTS OF REGION	22,076	6,751	33,360	15,929	-8	63,179	42,416	16,562	200,268	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.91%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 62 CINCINNATI OHIO-KENTUCKY-INDIANA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	15,124	1,142	-	18,457	-	91,232	3,525	40,096	169,576	19%
INDUSTRIAL	5,582	7,171	-	49,161	-	94,039	85,237	38,611	279,801	31%
TRANSPORTATION	24,401	53	104,975	29,864	-	7,518	-	-	166,811	19%
MISCELLANEOUS USES	610	363	-	243	-	3,066	-	648	4,930	1%
TOTAL FINAL DEMAND SECTORS	45,717	8,729	104,975	97,725	-	195,855	88,762	79,355	621,118	69%
TRANSFORMATION										
ELECTRICITY GEN.	13,135	1,266	-	-	-	8,056	350,592	-125,664	247,385	28%
PETROLEUM PRODUCTS	-18,184	-4,205	-38,286	-23,262	78,390	2,891	-	-	-2,656	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-5,049	-2,939	-38,286	-23,262	78,390	10,947	350,592	-125,664	244,729	27%
TOTAL GROSS FLOWS	58,852	9,995	104,975	97,725	78,390	206,802	439,354	79,355	868,503	97%
LOSSES & OMISSIONS	-2,092	31	-180	20,197	-5	2,034	-36	8,021	27,971	3%
TOTAL NET USAGE	38,575	5,821	66,508	94,660	78,384	208,836	439,317	-38,287	893,818	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	342	342	3%
NUCLEAR	-	-	-	-	-	-	-	13,223	13,223	97%
GEO.&SOLAR	-	-	-	-	-	-	-	38	38	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	13,603	13,603	
NET IMPORTS OF REGION	38,575	5,821	66,508	94,660	78,384	208,836	439,317	-51,890	880,215	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.31%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 63 DAYTON OHIO 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	9,490	499	-	11,286	-	59,525	2,528	23,354	105,682	30%
INDUSTRIAL	2,169	2,398	-	3,246	-	45,894	34,284	14,751	108,842	31%
TRANSPORTATION	9,084	7	62,971	8,536	-	4,820	-	-	85,418	24%
MISCELLANEOUS USES	395	241	-	158	-	3,611	-	720	5,125	1%
TOTAL FINAL DEMAND SECTORS	21,138	3,145	62,971	23,326	-	113,850	36,812	38,825	305,067	85%
TRANSFORMATION										
ELECTRICITY GEN.	5,145	2,178	-	-	-	4,065	46,265	-18,910	38,743	11%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	5,145	2,178	-	-	-	4,065	46,265	-18,910	38,743	11%
TOTAL GROSS FLOWS	26,283	5,323	62,971	28,326	-	117,915	83,077	38,825	343,810	97%
LOSSES & OMISSIONS	-938	16	-108	5,854	-	1,160	-6	3,924	9,906	3%
TOTAL NET USAGE	25,346	5,339	62,862	34,180	-	119,075	83,070	23,839	353,716	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	21	-	-	-	21	49%
HYDROELECTRIC	-	-	-	-	-	-	-	6	6	14%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	16	16	37%
TOTAL SUPPLY	-	-	-	-	21	-	-	22	43	
NET IMPORTS OF REGION	25,346	5,339	62,862	34,180	-21	119,075	83,070	23,817	353,673	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.20%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EEA ECONOMIC AREA 64 COLUMBUS OHIO 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	14,930	1,003	-	16,600	-	98,023	3,854	39,545	173,960	24%
INDUSTRIAL	4,567	5,404	-	35,821	-	108,310	84,616	29,815	268,533	37%
TRANSPORTATION	17,826	25	100,322	11,415	-	7,472	-	-	137,061	19%
MISCELLANEOUS USES	623	375	-	248	-	4,569	-	852	6,668	1%
TOTAL FINAL DEMAND SECTORS	37,946	6,814	100,322	64,084	-	218,374	88,470	70,212	586,222	81%
TRANSFORMATION										
ELECTRICITY GEN.	7,425	1,909	-	-	-	6,962	159,438	-57,902	117,832	16%
PETROLEUM PRODUCTS	-2,776	-1,131	-3,621	-10,903	17,213	635	-	-	-583	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	4,649	773	-3,621	-10,903	17,213	7,597	159,438	-57,902	117,249	16%
TOTAL GROSS FLOWS	45,371	8,723	100,322	64,084	17,213	225,971	247,908	70,212	704,054	97%
LOSSES & OMISSIONS	-1,613	27	-172	13,244	-1	2,223	-20	7,097	20,786	3%
TOTAL NET USAGE	40,981	7,619	96,528	66,425	17,211	228,194	247,887	19,407	724,257	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	49,935	77,078	249,800	-	376,813	100%
HYDROELECTRIC	-	-	-	-	-	-	-	62	62	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	30	30	0%
TOTAL SUPPLY	-	-	-	-	49,935	77,078	249,800	92	376,905	
NET IMPORTS OF REGION	40,981	7,619	96,528	66,425	-32,723	151,116	-1,912	19,315	347,352	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.05%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 65 CLARKSBURG WEST VIRGINIA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	1,539	464	-	2,859	-	11,972	55	6,292	23,181	11%
INDUSTRIAL	875	584	-	1,189	-	25,050	18,715	7,263	53,777	26%
TRANSPORTATION	3,597	52	13,798	201	-	465	-	-	18,113	9%
MISCELLANEOUS USES	68	102	-	27	-	759	-	10	966	0%
TOTAL FINAL DEMAND SECTORS	6,080	1,302	13,798	4,276	-	38,246	18,770	13,565	96,037	46%
TRANSFORMATION										
ELECTRICITY GEN.	-	1,519	-	-	-	729	165,351	-55,235	112,364	53%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-	1,519	-	-	-	729	165,351	-55,235	112,364	53%
TOTAL GROSS FLOWS	6,080	2,821	13,798	4,276	-	38,975	184,121	13,565	208,401	99%
LOSSES & OMISSIONS	-215	8	-23	383	-	383	-15	1,371	2,392	1%
TOTAL NET USAGE	5,863	2,329	13,774	5,659	-	39,358	184,105	-40,298	210,793	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	56,572	278,431	766,913	-	1,101,916	100%
HYDROELECTRIC	-	-	-	-	-	-	-	80	80	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	6	6	0%
TOTAL SUPPLY	-	-	-	-	56,572	278,431	766,913	86	1,102,002	
NET IMPORTS OF REGION	5,863	2,329	13,774	5,659	-56,572	-239,072	-582,807	-40,384	-891,208	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =57.04%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 66 PITTSBURGH PENNSYLVANIA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	65,790	22,667	-	20,484	-	102,170	13,379	59,396	283,866	15%
INDUSTRIAL	16,155	32,561	-	102,697	-	187,726	301,480	79,423	720,042	38%
TRANSPORTATION	33,400	8,148	165,960	61,680	-	6,825	246	1,150	277,409	15%
MISCELLANEOUS USES	896	2,133	-	359	-	2,876	-	159	6,423	0%
TOTAL FINAL DEMAND SECTORS	116,241	65,489	165,960	185,220	-	299,597	315,105	140,128	1,287,740	68%
TRANSFORMATION										
ELECTRICITY GEN.	11,933	32,984	-	-	-	23,752	774,854	-287,783	555,740	29%
PETROLEUM PRODUCTS	-7,719	-3,264	-10,668	-30,644	48,839	1,801	-	-	-1,655	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	4,214	29,720	-10,668	-30,644	48,839	25,553	774,854	-287,783	554,085	29%
TOTAL GROSS FLOWS	128,174	98,473	165,960	185,220	48,839	325,150	1,089,959	140,128	1,843,480	97%
LOSSES & OMISSIONS	-4,557	310	-284	38,280	-3	3,199	-89	14,165	51,020	3%
TOTAL NET USAGE	115,897	95,519	155,007	192,856	48,835	328,349	1,089,869	-133,489	1,892,845	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	21,959	107,835	2,427,036	-	2,556,830	99%
HYDROELECTRIC	-	-	-	-	-	-	-	1,994	1,994	0%
NUCLEAR	-	-	-	-	-	-	-	18,155	18,155	1%
GEO.&SOLAR	-	-	-	-	-	-	-	1,546	1,546	0%
TOTAL SUPPLY	-	-	-	-	21,959	107,835	2,427,036	21,695	2,578,525	
NET IMPORTS OF REGION	115,897	95,519	155,007	192,856	26,876	220,514	-1,337,166	-155,184	-685,679	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.88%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EEA ECONOMIC AREA 67 YOUNGSTOWN-WARREN OHIO 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	9,198	1,760	-	5,957	-	32,437	2,180	13,795	65,327	17%
INDUSTRIAL	4,650	7,236	-	14,567	-	76,806	101,870	21,161	226,290	58%
TRANSPORTATION	7,663	63	40,054	742	-	2,646	13	68	51,254	13%
MISCELLANEOUS USES	241	214	-	96	-	805	-	141	1,497	0%
TOTAL FINAL DEMAND SECTORS	21,752	9,273	40,054	21,362	-	112,694	104,063	35,165	344,368	89%
TRANSFORMATION										
ELECTRICITY GEN.	3,062	34	-	-	-	4,673	44,525	-17,387	34,907	9%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	3,062	34	-	-	-	4,673	44,525	-17,387	34,907	9%
TOTAL GROSS FLOWS	24,814	9,307	40,054	21,362	-	117,367	148,593	35,165	379,275	98%
LOSSES & OMISSIONS	-882	29	-68	4,415	-	1,154	-12	3,554	8,190	2%
TOTAL NET USAGE	23,931	9,336	39,985	25,777	-	118,521	148,580	21,332	387,465	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	3,141	7,837	28,883	-	39,861	100%
HYDROELECTRIC	-	-	-	-	-	-	-	93	93	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	17	17	0%
TOTAL SUPPLY	-	-	-	-	3,141	7,837	28,883	110	39,971	
NET IMPORTS OF REGION	23,931	9,336	39,985	25,777	-3,141	110,684	119,697	21,222	347,494	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.75%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 68 CLEVELAND OHIO 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	33,988	1,939	-	36,840	-	218,671	9,055	86,635	387,098	23%
INDUSTRIAL	13,714	18,016	-	86,854	-	260,353	217,887	72,519	669,343	41%
TRANSPORTATION	43,396	92	225,521	38,980	-	17,261	-	-	325,250	20%
MISCELLANEOUS USES	1,414	715	-	565	-	6,540	-	1,303	10,537	1%
TOTAL FINAL DEMAND SECTORS	92,512	20,732	225,521	163,239	-	502,825	226,942	160,457	1,392,228	84%
TRANSFORMATION										
ELECTRICITY GEN.	18,924	5,446	-	-	-	17,171	273,573	-104,420	210,694	13%
PETROLEUM PRODUCTS	-27,644	-6,393	-58,203	-35,362	119,169	4,394	-	-	-4,039	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-8,720	-947	-58,203	-35,362	119,169	21,565	273,573	-104,420	206,655	13%
TOTAL GROSS FLOWS	111,436	26,178	225,521	163,239	119,169	524,390	500,515	160,457	1,602,922	97%
LOSSES & OMISSIONS	-3,962	82	-387	33,737	-7	5,160	-41	16,220	50,801	3%
TOTAL NET USAGE	79,829	19,867	166,930	161,614	119,161	529,550	500,473	72,257	1,649,684	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	83,195	77,680	142,790	-	303,665	94%
HYDROELECTRIC	-	-	-	-	-	-	-	24	24	0%
NUCLEAR	-	-	-	-	-	-	-	19,851	19,851	6%
GEO.&SOLAR	-	-	-	-	-	-	-	68	68	0%
TOTAL SUPPLY	-	-	-	-	83,195	77,680	142,790	19,943	323,608	
NET IMPORTS OF REGION	79,829	19,867	166,930	161,614	35,966	451,870	357,683	52,314	1,326,076	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.86%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 69 LIMA OHIO 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	2,191	109	-	2,376	-	13,479	584	5,262	24,001	33%
INDUSTRIAL	580	757	-	6,071	-	10,951	7,169	5,392	31,020	43%
TRANSPORTATION	2,464	1	14,541	229	-	1,113	-	-	18,048	25%
MISCELLANEOUS USES	91	46	-	36	-	380	-	75	628	1%
TOTAL FINAL DEMAND SECTORS	5,826	913	14,541	8,712	-	25,923	7,753	10,729	73,697	102%
TRANSFORMATION										
ELECTRICITY GEN.	1,228	179	-	-	-	1,162	6,908	-3,031	6,446	9%
PETROLEUM PRODUCTS	-72,566	-15,783	-152,732	-90,826	312,817	11,535	-	-	-10,605	-14%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-71,338	-16,604	-152,732	-90,826	312,817	12,697	6,908	-3,031	-4,159	-5%
TOTAL GROSS FLOWS	6,354	1,092	14,541	8,712	312,817	38,620	14,661	10,729	80,143	110%
LOSSES & OMISSIONS	-225	3	-24	1,800	-20	380	-1	1,084	2,996	4%
TOTAL NET USAGE	-56,437	-15,687	-138,265	-82,313	312,796	39,000	14,659	8,782	72,534	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	2	2	29%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	5	5	71%
TOTAL SUPPLY	-	-	-	-	-	-	-	7	7	
NET IMPORTS OF REGION	-66,437	-15,687	-138,265	-82,313	312,796	39,000	14,659	8,775	72,527	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.02%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 70 TOLEDO OHIO 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	11,273	507	-	9,695	-	55,017	2,180	21,463	100,135	21%
INDUSTRIAL	4,433	5,637	-	28,111	-	67,082	52,141	19,911	177,365	37%
TRANSPORTATION	10,693	11	59,524	1,139	-	4,475	-	-	75,842	16%
MISCELLANEOUS USES	367	191	-	147	-	1,728	-	286	2,719	1%
TOTAL FINAL DEMAND SECTORS	26,766	6,396	59,524	39,092	-	128,302	54,321	41,660	356,061	74%
TRANSFORMATION										
ELECTRICITY GEN.	5,875	2,678	-	-	-	4,485	186,666	-67,216	132,488	28%
PETROLEUM PRODUCTS	-136,350	-31,534	-287,076	-174,419	587,779	21,675	-	-	-19,925	-3%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-130,475	-28,856	-287,076	-174,419	587,779	26,160	186,666	-67,216	112,563	23%
TOTAL GROSS FLOWS	32,641	9,074	59,524	39,092	587,779	154,462	240,987	41,660	488,549	102%
LOSSES & OMISSIONS	-1,160	28	-102	8,079	-38	1,519	-19	4,211	12,518	3%
TOTAL NET USAGE	-104,869	-22,431	-227,654	-127,247	587,740	155,981	240,967	-21,344	481,142	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	48	-	-	-	48	0%
HYDROELECTRIC	-	-	-	-	-	-	-	6	6	0%
NUCLEAR	-	-	-	-	-	-	-	33,341	33,341	100%
GEO.&SOLAR	-	-	-	-	-	-	-	18	18	0%
TOTAL SUPPLY	-	-	-	-	48	-	-	33,365	33,413	
NET IMPORTS OF REGION	-104,869	-22,431	-227,654	-127,247	587,692	155,981	240,967	-54,709	447,729	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.34%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 71 DETROIT MICHIGAN 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	108,526	4,112	-	50,470	-	281,234	7,182	105,789	555,313	30%
INDUSTRIAL	12,868	16,295	-	69,961	-	242,413	220,484	68,588	630,629	34%
TRANSPORTATION	25,967	123	313,406	44,494	-	21,910	-	-	409,920	22%
MISCELLANEOUS USES	1,795	1,115	-	717	-	12,212	-	971	16,810	1%
TOTAL FINAL DEMAND SECTORS	151,196	21,645	313,406	165,642	-	557,769	227,666	175,348	1,612,672	88%
TRANSFORMATION										
ELECTRICITY GEN.	21,002	32,648	-	-	-	18,694	200,491	-90,243	182,592	10%
PETROLEUM PRODUCTS	-25,076	-6,493	-59,112	-35,915	121,030	4,463	-	-	-4,103	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-4,074	26,155	-59,112	-35,915	121,030	23,157	200,491	-90,243	178,489	10%
TOTAL GROSS FLOWS	172,198	54,293	313,406	165,642	121,030	580,926	428,157	175,348	1,795,264	97%
LOSSES & OMISSIONS	-5,123	171	-537	34,234	-7	5,716	-35	17,725	51,143	3%
TOTAL NET USAGE	137,958	47,971	253,756	163,961	121,022	586,642	428,121	102,830	1,842,304	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	11,504	25,981	-	-	37,485	100%
HYDROELECTRIC	-	-	-	-	-	-	-	25	25	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	163	163	0%
TOTAL SUPPLY	-	-	-	-	11,504	25,981	-	188	37,673	
NET IMPORTS OF REGION	137,958	47,971	253,756	163,961	109,518	560,661	428,121	102,642	1,804,631	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.92%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 72 SAGINAW MICHIGAN 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	15,876	482	-	7,521	-	37,912	1,070	14,041	76,902	19%
INDUSTRIAL	4,742	7,348	-	40,341	-	78,325	60,148	18,095	208,999	52%
TRANSPORTATION	3,199	39	46,707	371	-	3,265	-	-	53,581	13%
MISCELLANEOUS USES	267	199	-	107	-	2,808	-	223	3,604	1%
TOTAL FINAL DEMAND SECTORS	24,084	8,068	46,707	48,340	-	122,310	61,218	32,359	343,086	85%
TRANSFORMATION										
ELECTRICITY GEN.	4,198	21,500	-	-	-	3,572	50,032	-26,782	52,520	13%
PETROLEUM PRODUCTS	-38,399	-8,881	-80,848	-49,121	165,532	6,104	-	-	-5,613	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-34,201	12,619	-80,848	-49,121	165,532	9,676	50,032	-26,782	46,907	12%
TOTAL GROSS FLOWS	28,282	29,568	46,707	48,340	165,532	131,986	111,250	32,359	395,606	98%
LOSSES & OMISSIONS	-1,005	93	-80	9,990	-10	1,298	-9	3,271	13,548	3%
TOTAL NET USAGE	-11,122	20,780	-34,221	9,209	165,521	133,284	111,240	8,848	403,541	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	49,032	21,062	-	-	70,094	99%
HYDROELECTRIC	-	-	-	-	-	-	-	777	777	1%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	14	14	0%
TOTAL SUPPLY	-	-	-	-	49,032	21,062	-	791	70,885	
NET IMPORTS OF REGION	-11,122	20,780	-34,221	9,209	116,489	112,222	111,240	8,057	332,656	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.23%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 73 GRAND RAPIDS MICHIGAN 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	22,023	807	-	10,434	-	56,802	1,485	21,336	112,887	28%
INDUSTRIAL	3,566	5,107	-	14,258	-	51,722	47,015	14,438	135,107	34%
TRANSPORTATION	6,308	16	64,792	2,436	-	4,530	-	-	78,082	19%
MISCELLANEOUS USES	371	223	-	148	-	2,309	-	184	3,235	1%
TOTAL FINAL DEMAND SECTORS	32,268	6,153	64,792	27,276	-	115,363	48,501	35,958	329,311	82%
TRANSFORMATION										
ELECTRICITY GEN.	4,248	436	-	-	-	3,921	87,375	-32,019	63,961	16%
PETROLEUM PRODUCTS	-2,678	-619	-5,638	-3,426	11,544	426	-	-	-391	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1,570	-183	-5,638	-3,426	11,544	4,347	87,375	-32,019	63,570	16%
TOTAL GROSS FLOWS	36,516	5,589	64,792	27,276	11,544	119,710	135,876	35,958	393,272	98%
LOSSES & OMISSIONS	-1,298	17	-111	5,637	-0	1,177	-11	3,634	9,046	2%
TOTAL NET USAGE	32,539	4,987	59,042	29,487	11,543	120,887	135,864	7,573	401,927	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	48,142	90,555	-	-	138,697	96%
HYDROELECTRIC	-	-	-	-	-	-	-	4,409	4,409	3%
NUCLEAR	-	-	-	-	-	-	-	1,185	1,185	1%
GEO.&SOLAR	-	-	-	-	-	-	-	15	15	0%
TOTAL SUPPLY	-	-	-	-	48,142	90,555	-	5,609	144,306	
NET IMPORTS OF REGION	32,539	4,987	59,042	29,487	-36,598	30,332	135,864	1,964	257,621	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.64%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 74 LANSING MICHIGAN 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	21,463	769	-	10,169	-	54,853	1,447	20,511	109,212	28%
INDUSTRIAL	3,864	5,097	-	16,451	-	62,478	49,662	16,612	154,164	40%
TRANSPORTATION	4,814	14	63,146	573	-	4,415	-	-	72,962	19%
MISCELLANEOUS USES	362	283	-	144	-	4,255	-	339	5,383	1%
TOTAL FINAL DEMAND SECTORS	30,503	6,163	63,146	27,337	-	126,001	51,109	37,462	341,721	88%
TRANSFORMATION										
ELECTRICITY GEN.	4,243	3,101	-	-	-	3,997	42,066	-17,562	35,845	9%
PETROLEUM PRODUCTS	-3,110	-719	-6,548	-3,978	13,407	494	-	-	-454	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1,133	2,382	-6,548	-3,978	13,407	4,491	42,066	-17,562	35,391	9%
TOTAL GROSS FLOWS	34,746	9,264	63,146	27,337	13,407	130,492	93,175	37,462	377,566	98%
LOSSES & OMISSIONS	-1,235	29	-108	5,649	-0	1,284	-7	3,786	9,397	2%
TOTAL NET USAGE	30,400	8,574	56,489	29,008	13,406	131,776	93,167	23,686	386,509	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	46,139	58,148	-	-	104,287	90%
HYDROELECTRIC	-	-	-	-	-	-	-	58	58	0%
NUCLEAR	-	-	-	-	-	-	-	11,453	11,453	10%
GEO.&SOLAR	-	-	-	-	-	-	-	16	16	0%
TOTAL SUPPLY	-	-	-	-	46,139	58,148	-	11,527	115,814	
NET IMPORTS OF REGION	30,400	8,574	56,489	29,008	-32,732	73,628	93,167	12,159	270,695	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.12%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 75 FORT WAYNE INDIANA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	11,514	2,640	-	5,842	-	24,782	1,789	13,113	59,680	23%
INDUSTRIAL	4,847	4,743	-	8,725	-	42,707	28,882	10,894	100,798	39%
TRANSPORTATION	8,725	4	37,039	23,810	-	2,559	-	-	72,137	28%
MISCELLANEOUS USES	210	285	-	83	-	841	-	46	1,465	1%
TOTAL FINAL DEMAND SECTORS	25,296	7,672	37,039	38,460	-	70,889	30,671	24,053	234,080	91%
TRANSFORMATION										
ELECTRICITY GEN.	3,181	384	-	-	-	2,572	13,982	-6,378	13,741	5%
PETROLEUM PRODUCTS	-10,399	-2,405	-21,895	-13,303	44,828	1,653	-	-	-1,521	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-7,218	-2,021	-21,895	-13,303	44,828	4,225	13,982	-6,378	12,220	5%
TOTAL GROSS FLOWS	28,477	8,056	37,039	38,460	44,828	75,114	44,653	24,053	247,821	97%
LOSSES & OMISSIONS	-1,072	25	-63	7,948	-2	739	-3	2,431	10,061	4%
TOTAL NET USAGE	17,065	5,676	15,080	33,105	44,825	75,853	44,649	20,106	256,361	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	4	-	-	-	4	17%
HYDROELECTRIC	-	-	-	-	-	-	-	9	9	39%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	10	10	43%
TOTAL SUPPLY	-	-	-	-	4	-	-	19	23	
NET IMPORTS OF REGION	17,065	5,676	15,080	33,105	44,821	75,853	44,649	20,087	256,338	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.30%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 76 SOUTH BEND INDIANA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	14,717	2,541	-	6,908	-	30,380	1,779	14,831	71,156	28%
INDUSTRIAL	4,195	4,368	-	14,371	-	43,994	28,256	11,777	106,957	41%
TRANSPORTATION	7,866	5	43,668	594	-	2,995	-	-	55,128	21%
MISCELLANEOUS USES	246	266	-	98	-	1,000	-	52	1,662	1%
TOTAL FINAL DEMAND SECTORS	27,024	7,176	43,668	21,971	-	78,369	30,035	26,660	234,903	91%
TRANSFORMATION										
ELECTRICITY GEN.	3,025	3,011	-	-	-	2,839	15,430	-7,844	16,461	6%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	3,025	3,011	-	-	-	2,839	15,430	-7,844	16,461	6%
TOTAL GROSS FLOWS	30,049	10,187	43,668	21,971	-	81,208	45,465	26,660	251,364	97%
LOSSES & OMISSIONS	-1,068	32	-74	4,540	-	799	-3	2,694	6,919	3%
TOTAL NET USAGE	28,980	10,219	43,593	26,511	-	82,007	45,461	21,510	258,283	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	263	263	1%
NUCLEAR	-	-	-	-	-	-	-	35,060	35,060	99%
GEO.&SOLAR	-	-	-	-	-	-	-	11	11	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	35,334	35,334	
NET IMPORTS OF REGION	28,980	10,219	43,593	26,511	-	82,007	45,461	-13,823	222,949	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.73%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 77 CHICAGO ILLINOIS 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	112,628	44,579	-	75,521	-	417,538	20,131	176,912	847,409	27%
INDUSTRIAL	53,269	81,683	-	239,316	-	423,796	241,345	93,266	1,132,675	37%
TRANSPORTATION	85,594	136	423,770	126,426	-	34,190	-	-	671,116	22%
MISCELLANEOUS USES	2,800	4,787	-	1,118	-	14,205	-	4,114	27,024	1%
TOTAL FINAL DEMAND SECTORS	255,291	131,185	423,770	442,481	-	889,729	261,476	274,292	2,678,224	87%
TRANSFORMATION										
ELECTRICITY GEN.	35,429	40,310	-	-	-	34,340	408,946	-171,712	347,313	11%
PETROLEUM PRODUCTS	-410,126	-94,850	-363,492	-524,634	1,767,975	65,193	-	-	-59,934	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-374,697	-54,540	-363,492	-524,634	1,767,975	99,533	408,946	-171,712	287,379	9%
TOTAL GROSS FLOWS	293,720	171,495	423,770	442,481	1,767,975	989,262	670,422	274,292	3,025,537	98%
LOSSES & OMISSIONS	-10,338	541	-727	91,450	-115	9,734	-55	27,727	118,217	4%
TOTAL NET USAGE	-129,744	77,186	-440,449	9,297	1,767,859	998,996	670,366	130,307	3,083,820	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	6,826	-	6,826	6%
HYDROELECTRIC	-	-	-	-	-	-	-	200	200	0%
NUCLEAR	-	-	-	-	-	-	-	98,786	98,786	93%
GEO.&SOLAR	-	-	-	-	-	-	-	114	114	0%
TOTAL SUPPLY	-	-	-	-	-	-	6,826	99,100	105,926	
NET IMPORTS OF REGION	-129,744	77,186	-440,449	9,297	1,767,859	998,996	663,540	31,207	2,977,894	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTEICITY GEN. =66.92%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EEA ECONOMIC AREA 78 PEORIA ILLINOIS 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	8,077	2,835	-	5,717	-	30,183	1,488	12,078	60,378	22%
INDUSTRIAL	3,518	3,246	-	10,560	-	26,577	17,762	8,567	70,230	26%
TRANSPORTATION	4,391	7	31,519	2,844	-	2,598	-	-	41,359	15%
MISCELLANEOUS USES	213	357	-	85	-	1,064	-	335	2,054	1%
TOTAL FINAL DEMAND SECTORS	16,199	6,445	31,519	19,206	-	60,422	19,250	20,980	174,021	64%
TRANSFORMATION										
ELECTRICITY GEN.	2,381	-	-	-	-	2,218	131,373	-45,935	90,037	33%
PETROLEUM PRODUCTS	-432	-100	-909	-553	1,862	69	-	-	-63	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1,949	-100	-909	-553	1,862	2,287	131,373	-45,935	89,974	33%
TOTAL GROSS FLOWS	18,580	6,445	31,519	19,206	1,862	62,709	150,623	20,980	264,058	98%
LOSSES & OMISSIONS	-660	20	-54	3,969	-0	617	-12	2,120	6,000	2%
TOTAL NET USAGE	17,487	6,365	30,555	22,622	1,861	63,326	150,610	-22,834	269,995	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	163	-	137,374	-	137,537	100%
HYDROELECTRIC	-	-	-	-	-	-	-	3	3	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	9	9	0%
TOTAL SUPPLY	-	-	-	-	163	-	137,374	12	137,549	
NET IMPORTS OF REGION	17,487	6,365	30,555	22,622	1,698	63,326	13,236	-22,846	132,446	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.22%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.26%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 79 DAVENPORT-ROCK ISLAND-MOLINE IOWA-ILLINOIS 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	7,587	1,487	-	7,086	-	26,778	813	11,226	54,977	24%
INDUSTRIAL	3,404	3,550	-	11,174	-	40,741	23,098	10,481	97,448	43%
TRANSPORTATION	5,484	5	33,608	1,507	-	2,211	-	-	42,815	19%
MISCELLANEOUS USES	166	264	-	66	-	1,217	-	268	1,981	1%
TOTAL FINAL DEMAND SECTORS	16,641	5,306	33,608	19,833	-	70,947	23,911	21,975	197,221	86%
TRANSFORMATION										
ELECTRICITY GEN.	2,574	1,545	-	-	-	1,545	33,075	-13,071	25,668	11%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	2,574	1,545	-	-	-	1,545	33,075	-13,071	25,668	11%
TOTAL GROSS FLOWS	19,215	6,851	33,608	19,833	-	72,492	61,986	21,975	222,889	97%
LOSSES & OMISSIONS	-683	21	-57	4,099	-	713	-5	2,221	6,309	3%
TOTAL NET USAGE	18,531	6,872	33,550	23,932	-	73,205	61,980	11,125	229,198	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	221	-	221	1%
HYDROELECTRIC	-	-	-	-	-	-	-	134	134	1%
NUCLEAR	-	-	-	-	-	-	-	26,387	26,387	99%
GEO.&SOLAR	-	-	-	-	-	-	-	17	17	0%
TOTAL SUPPLY	-	-	-	-	-	-	221	26,538	26,759	
NET IMPORTS OF REGION	18,531	6,872	33,550	23,932	-	73,205	61,759	-15,412	202,439	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.26%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 80 CEDAR RAPIDS IOWA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	4,450	86	-	5,544	-	15,393	3	6,980	32,456	30%
INDUSTRIAL	1,392	1,179	-	2,398	-	13,860	6,710	4,674	30,213	28%
TRANSPORTATION	4,754	1	22,951	398	-	1,111	-	-	29,215	27%
MISCELLANEOUS USES	70	39	-	28	-	959	-	63	1,159	1%
TOTAL FINAL DEMAND SECTORS	10,666	1,305	22,951	8,368	-	31,323	6,713	11,717	93,043	86%
TRANSFORMATION										
ELECTRICITY GEN.	351	86	-	-	-	380	17,609	-6,332	12,094	11%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	351	86	-	-	-	380	17,609	-6,332	12,094	11%
TOTAL GROSS FLOWS	11,017	1,391	22,951	8,368	-	31,703	24,322	11,717	105,137	97%
LOSSES & OMISSIONS	-391	4	-39	1,729	-	311	-1	1,184	2,797	3%
TOTAL NET USAGE	10,625	1,395	22,911	10,097	-	32,014	24,320	6,569	107,934	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	86	86	1%
NUCLEAR	-	-	-	-	-	-	-	10,461	10,461	99%
GEO.&SOLAR	-	-	-	-	-	-	-	12	12	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	10,559	10,559	
NET IMPORTS OF REGION	10,625	1,395	22,911	10,097	-	32,014	24,320	-3,989	97,375	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.64%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 81 DUBUQUE IOWA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	4,686	177	-	4,039	-	11,604	303	5,590	26,399	29%
INDUSTRIAL	1,336	810	-	1,794	-	9,580	4,665	5,375	23,560	26%
TRANSPORTATION	3,256	2	18,114	300	-	1,024	-	-	22,696	25%
MISCELLANEOUS USES	72	47	-	29	-	462	-	43	653	1%
TOTAL FINAL DEMAND SECTORS	9,350	1,036	18,114	6,162	-	22,670	4,968	11,008	73,308	82%
TRANSFORMATION										
ELECTRICITY GEN.	624	244	-	-	-	639	20,166	-7,324	14,349	16%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	624	244	-	-	-	639	20,166	-7,324	14,349	16%
TOTAL GROSS FLOWS	9,974	1,280	18,114	6,162	-	23,309	25,134	11,008	87,657	98%
LOSSES & OMISSIONS	-354	4	-31	1,273	-	229	-2	1,112	2,231	2%
TOTAL NET USAGE	9,619	1,284	18,082	7,435	-	23,538	25,131	4,796	89,888	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	84	84	70%
NUCLEAR	-	-	-	-	-	-	-	27	27	22%
GEO.&SOLAR	-	-	-	-	-	-	-	9	9	7%
TOTAL SUPPLY	-	-	-	-	-	-	-	120	120	
NET IMPORTS OF REGION	9,619	1,284	18,082	7,435	-	23,538	25,131	4,676	89,768	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.21%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 82 ROCKFORD ILLINOIS 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	9,007	1,813	-	5,120	-	23,423	1,446	10,417	51,226	31%
INDUSTRIAL	2,712	2,354	-	7,249	-	22,395	10,688	7,245	52,643	32%
TRANSPORTATION	3,821	6	28,432	446	-	2,275	-	-	34,980	21%
MISCELLANEOUS USES	187	249	-	74	-	814	-	220	1,544	1%
TOTAL FINAL DEMAND SECTORS	15,727	4,422	28,432	12,389	-	48,907	12,134	17,882	140,393	85%
TRANSFORMATION										
ELECTRICITY GEN.	6,098	833	-	-	-	1,887	20,491	-9,342	19,967	12%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	6,098	833	-	-	-	1,887	20,491	-9,342	19,967	12%
TOTAL GROSS FLOWS	21,825	5,255	28,432	12,889	-	50,794	32,625	17,882	160,360	97%
LOSSES & OMISSIONS	-776	16	-48	2,663	-	499	-2	1,807	4,160	3%
TOTAL NET USAGE	21,048	5,271	28,383	15,552	-	51,293	32,622	10,347	164,520	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	84	84	0%
NUCLEAR	-	-	-	-	-	-	-	18,699	18,699	100%
GEO.&SOLAR	-	-	-	-	-	-	-	7	7	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	18,790	18,790	
NET IMPORTS OF REGION	21,048	5,271	28,383	15,552	-	51,293	32,622	-8,442	145,730	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.13%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 83 MADISON WISCONSIN 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	12,322	429	-	4,831	-	16,411	1,606	10,387	45,986	34%
INDUSTRIAL	1,684	1,320	-	7,301	-	15,250	6,031	4,628	36,214	26%
TRANSPORTATION	3,006	9	27,249	3,935	-	2,035	-	-	36,234	26%
MISCELLANEOUS USES	167	158	-	67	-	1,438	-	147	1,977	1%
TOTAL FINAL DEMAND SECTORS	17,179	1,916	27,249	16,134	-	35,134	7,637	15,162	120,411	88%
TRANSFORMATION										
ELECTRICITY GEN.	1,825	231	-	-	-	1,835	14,202	-5,861	12,232	9%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1,825	231	-	-	-	1,835	14,202	-5,861	12,232	9%
TOTAL GROSS FLOWS	19,004	2,147	27,249	16,134	-	36,969	21,839	15,162	132,643	97%
LOSSES & OMISSIONS	-675	6	-46	3,334	-	363	-1	1,532	4,513	3%
TOTAL NET USAGE	18,328	2,153	27,202	19,468	-	37,332	21,837	10,833	137,156	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	434	434	99%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	6	6	1%
TOTAL SUPPLY	-	-	-	-	-	-	-	440	440	
NET IMPORTS OF REGION	18,328	2,153	27,202	19,468	-	37,332	21,837	10,393	136,716	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.61%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EEA ECONOMIC AREA 84 MILWAUKEE WISCONSIN 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	50,020	1,640	-	19,608	-	65,027	6,521	40,945	183,761	28%
INDUSTRIAL	6,421	6,675	-	26,723	-	80,088	52,151	21,006	193,064	30%
TRANSPORTATION	19,161	38	110,614	15,678	-	8,262	-	-	153,753	24%
MISCELLANEOUS USES	677	423	-	270	-	2,412	-	246	4,028	1%
TOTAL FINAL DEMAND SECTORS	76,279	8,776	110,614	62,279	-	155,789	58,672	62,197	534,606	82%
TRANSFORMATION										
ELECTRICITY GEN.	9,204	3,331	-	-	-	6,533	132,264	-50,302	101,030	15%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	9,204	3,331	-	-	-	6,533	132,264	-50,302	101,030	15%
TOTAL GROSS FLOWS	85,483	12,107	110,614	62,279	-	162,322	190,936	62,197	635,636	97%
LOSSES & OMISSIONS	-3,039	38	-189	12,871	-	1,597	-15	6,287	17,549	3%
TOTAL NET USAGE	82,443	12,145	110,424	75,150	-	163,919	190,920	18,182	653,185	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	9	9	26%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	26	26	74%
TOTAL SUPPLY	-	-	-	-	-	-	-	35	35	
NET IMPORTS OF REGION	82,443	12,145	110,424	75,150	-	163,919	190,920	18,147	653,150	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.76%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 85 APPLETON-OSHKOSH WISCONSIN 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	21,323	602	-	8,718	-	31,141	2,503	16,777	81,064	21%
INDUSTRIAL	4,503	7,441	-	5,827	-	64,163	76,221	23,573	181,733	48%
TRANSPORTATION	6,946	16	50,363	846	-	3,700	-	-	61,871	16%
MISCELLANEOUS USES	303	204	-	121	-	1,703	-	154	2,485	1%
TOTAL FINAL DEMAND SECTORS	33,075	8,263	50,363	15,512	-	100,712	78,724	40,504	327,153	86%
TRANSFORMATION										
ELECTRICITY GEN.	6,493	833	-	-	-	4,499	56,375	-22,330	45,870	12%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	6,493	833	-	-	-	4,499	56,375	-22,330	45,870	12%
TOTAL GROSS FLOWS	39,568	9,096	50,363	15,512	-	105,211	135,099	40,504	373,023	98%
LOSSES & OMISSIONS	-1,407	28	-86	3,205	-	1,035	-11	4,094	6,859	2%
TOTAL NET USAGE	38,160	9,124	50,276	18,717	-	106,246	135,087	22,268	379,882	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	1,112	1,112	4%
NUCLEAR	-	-	-	-	-	-	-	25,277	25,277	96%
GEO.&SOLAR	-	-	-	-	-	-	-	18	18	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	26,407	26,407	
NET IMPORTS OF REGION	38,160	9,124	50,276	18,717	-	106,246	135,087	-4,138	353,475	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.26%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 86 WAUSAU WISCONSIN 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	8,441	257	-	3,309	-	10,660	1,100	6,680	30,447	21%
INDUSTRIAL	1,228	2,689	-	1,523	-	22,040	28,268	8,001	63,749	44%
TRANSPORTATION	2,615	5	18,666	320	-	1,394	-	-	23,000	16%
MISCELLANEOUS USES	114	71	-	46	-	388	-	40	659	0%
TOTAL FINAL DEMAND SECTORS	12,398	3,022	18,666	5,198	-	34,482	29,368	14,721	117,855	82%
TRANSFORMATION										
ELECTRICITY GEN.	2,014	-	-	-	-	1,618	31,805	-11,768	23,669	16%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	2,014	-	-	-	-	1,618	31,805	-11,768	23,669	16%
TOTAL GROSS FLOWS	14,412	3,022	18,666	5,198	-	36,100	61,173	14,721	141,524	98%
LOSSES & OMISSIONS	-512	9	-32	1,074	-	355	-5	1,488	2,377	2%
TOTAL NET USAGE	13,899	3,031	18,633	6,272	-	36,455	61,167	4,441	143,901	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	331	331	98%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	6	6	2%
TOTAL SUPPLY	-	-	-	-	-	-	-	337	337	
NET IMPORTS OF REGION	13,899	3,031	18,633	6,272	-	36,455	61,167	4,104	143,564	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.79%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 87 DULUTH-SUPERIOR MINNESOTA-WISCONSIN 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	9,793	360	-	5,894	-	12,656	281	6,901	35,885	22%
INDUSTRIAL	4,712	5,930	-	7,036	-	27,767	8,964	7,594	62,003	38%
TRANSPORTATION	2,590	2	24,339	315	-	1,378	-	-	28,624	17%
MISCELLANEOUS USES	94	97	-	38	-	740	-	96	1,065	1%
TOTAL FINAL DEMAND SECTORS	17,189	6,389	24,339	13,283	-	42,541	9,245	14,591	127,577	78%
TRANSFORMATION										
ELECTRICITY GEN.	815	932	-	-	-	728	49,991	-18,106	34,360	21%
PETROLEUM PRODUCTS	-13,484	-4,172	-31,295	-18,576	63,066	2,325	-	-	-2,137	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-12,669	-3,240	-31,296	-18,576	63,066	3,053	49,991	-18,106	32,223	20%
TOTAL GROSS FLOWS	18,004	7,321	24,339	13,283	63,066	45,594	59,236	14,591	161,937	99%
LOSSES & OMISSIONS	-640	23	-41	2,745	-4	448	-4	1,474	4,001	2%
TOTAL NET USAGE	3,679	3,172	-6,998	-2,547	63,061	46,042	59,231	-2,040	163,801	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	1,880	1,880	97%
NUCLEAR	-	-	-	-	-	-	-	44	44	2%
GEO.&SOLAR	-	-	-	-	-	-	-	15	15	1%
TOTAL SUPPLY	-	-	-	-	-	-	-	1,939	1,939	
NET IMPORTS OF REGION	3,379	3,172	-6,998	-2,547	63,061	46,042	59,231	-3,979	161,862	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.49%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 88 EAU CLAIRE WISCONSIN 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	5,463	156	-	2,141	-	6,749	712	4,225	19,446	33%
INDUSTRIAL	586	677	-	1,005	-	6,751	3,960	1,821	14,800	25%
TRANSPORTATION	1,502	4	12,081	177	-	902	-	-	14,666	25%
MISCELLANEOUS USES	74	51	-	30	-	341	-	35	531	1%
TOTAL FINAL DEMAND SECTORS	7,625	888	12,081	3,353	-	14,743	4,672	6,081	49,443	85%
TRANSFORMATION										
ELECTRICITY GEN.	6,781	-	-	-	-	622	3,380	-3,069	7,714	13%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	6,781	-	-	-	-	622	3,380	-3,069	7,714	13%
TOTAL GROSS FLOWS	14,406	838	12,081	3,353	-	15,365	8,052	6,081	57,157	98%
LOSSES & OMISSIONS	-512	2	-20	692	-	151	-0	614	928	2%
TOTAL NET USAGE	13,893	890	12,060	4,045	-	15,516	8,051	3,626	58,085	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	1,183	1,183	100%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	2	2	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	1,185	1,185	
NET IMPORTS OF REGION	13,893	890	12,060	4,045	-	15,516	8,051	2,441	56,900	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =71.54%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 89 LA CROSSE WISCONSIN 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	6,437	223	-	2,938	-	8,277	641	5,087	23,603	27%
INDUSTRIAL	1,033	772	-	2,105	-	6,139	2,009	2,907	14,970	17%
TRANSPORTATION	2,215	4	14,706	283	-	1,010	-	-	18,219	21%
MISCELLANEOUS USES	79	60	-	32	-	392	-	45	608	1%
TOTAL FINAL DEMAND SECTORS	9,770	1,059	14,706	5,358	-	15,818	2,650	8,039	57,400	66%
TRANSFORMATION										
ELECTRICITY GEN.	3,244	500	-	-	-	747	38,337	-14,278	28,550	33%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	3,244	500	-	-	-	747	38,337	-14,278	28,550	33%
TOTAL GROSS FLOWS	13,014	1,559	14,706	5,358	-	16,565	40,987	8,039	85,950	98%
LOSSES & OMISSIONS	-462	4	-25	1,107	-	163	-3	812	1,596	2%
TOTAL NET USAGE	12,551	1,563	14,680	6,465	-	16,728	40,983	-5,426	87,546	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	143	143	15%
NUCLEAR	-	-	-	-	-	-	-	805	805	85%
GEO.&SOLAR	-	-	-	-	-	-	-	4	4	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	952	952	
NET IMPORTS OF REGION	12,551	1,563	14,680	6,465	-	16,728	40,983	-6,378	86,594	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.66%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 90 ROCHESTER MINNESOTA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	6,359	309	-	4,214	-	8,408	6	4,570	23,866	33%
INDUSTRIAL	1,676	1,383	-	1,809	-	8,642	2,770	3,183	19,463	27%
TRANSPORTATION	1,569	-	16,013	247	-	826	-	-	18,655	26%
MISCELLANEOUS USES	52	47	-	21	-	283	-	41	444	1%
TOTAL FINAL DEMAND SECTORS	9,656	1,739	16,013	6,291	-	18,159	2,776	7,794	62,428	87%
TRANSFORMATION										
ELECTRICITY GEN.	249	45	-	-	-	253	10,322	-3,727	7,142	10%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	249	45	-	-	-	253	10,322	-3,727	7,142	10%
TOTAL GROSS FLOWS	9,905	1,784	16,013	6,291	-	18,412	13,098	7,794	69,570	97%
LOSSES & OMISSIONS	-352	5	-27	1,300	-	181	-1	787	1,894	3%
TOTAL NET USAGE	9,552	1,789	15,985	7,591	-	18,593	13,096	4,854	71,464	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	119	119	77%
NUCLEAR	-	-	-	-	-	-	-	28	28	18%
GEO.&SOLAR	-	-	-	-	-	-	-	8	8	5%
TOTAL SUPPLY	-	-	-	-	-	-	-	155	155	
NET IMPORTS OF REGION	9,552	1,789	15,985	7,591	-	18,593	13,096	4,699	71,309	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.71%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 91 MINNEAPOLIS-SAINT PAUL MINNESOTA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	78,411	4,068	-	51,252	-	106,688	415	60,204	300,968	30%
INDUSTRIAL	16,288	25,292	-	45,268	-	117,825	23,207	33,330	261,210	26%
TRANSPORTATION	31,962	24	196,641	63,192	-	10,283	-	-	302,102	30%
MISCELLANEOUS USES	660	664	-	263	-	4,345	-	622	6,554	1%
TOTAL FINAL DEMAND SECTORS	127,321	30,048	196,641	159,975	-	239,071	23,622	94,156	870,834	86%
TRANSFORMATION										
ELECTRICITY GEN.	4,444	214	-	-	-	3,892	164,271	-59,269	113,552	11%
PETROLEUM PRODUCTS	-37,831	-11,705	-87,801	-52,115	176,930	6,525	-	-	-5,997	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-33,387	-11,491	-87,801	-52,115	176,930	10,417	164,271	-59,269	107,555	11%
TOTAL GROSS FLOWS	131,765	30,262	196,641	159,975	176,930	249,488	187,893	94,156	984,386	97%
LOSSES & OMISSIONS	-4,685	95	-337	33,062	-11	2,455	-15	9,517	40,081	4%
TOTAL NET USAGE	89,248	18,652	108,502	140,922	176,918	251,943	187,877	44,404	1,018,470	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	2,007	2,007	6%
NUCLEAR	-	-	-	-	-	-	-	32,973	32,973	94%
GEO.&SOLAR	-	-	-	-	-	-	-	112	112	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	35,092	35,092	
NET IMPORTS OF REGION	89,248	18,652	108,502	140,922	176,918	251,943	187,877	9,312	983,378	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.70%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EEA ECONOMIC AREA 92 GRAND FORKS NORTH DAKOTA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	4,781	254	-	3,274	-	4,954	9	3,435	16,707	34%
INDUSTRIAL	1,341	551	-	1,290	-	1,755	1,712	2,960	9,609	20%
TRANSPORTATION	1,963	-	14,210	162	-	643	-	-	16,978	34%
MISCELLANEOUS USES	40	102	-	16	-	669	-	103	930	2%
TOTAL FINAL DEMAND SECTORS	8,125	907	14,210	4,742	-	8,021	1,721	6,498	44,224	90%
TRANSFORMATION										
ELECTRICITY GEN.	172	-	-	-	-	215	5,061	-1,855	3,593	7%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	172	-	-	-	-	215	5,061	-1,855	3,593	7%
TOTAL GROSS FLOWS	8,297	907	14,210	4,742	-	8,236	6,782	6,498	47,817	97%
LOSSES & OMISSIONS	-295	2	-24	980	-	81	-0	656	1,400	3%
TOTAL NET USAGE	8,001	909	14,185	5,722	-	8,317	6,781	5,299	49,217	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	80	80	72%
NUCLEAR	-	-	-	-	-	-	-	24	24	22%
GEO.&SOLAR	-	-	-	-	-	-	-	7	7	6%
TOTAL SUPPLY	-	-	-	-	-	-	-	111	111	
NET IMPORTS OF REGION	8,001	909	14,185	5,722	-	8,317	6,781	5,188	49,106	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.95%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 93 MINOT NORTH DAKOTA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	3,426	243	-	2,542	-	4,087	28	3,083	13,409	20%
INDUSTRIAL	1,086	329	-	714	-	3,182	749	2,518	8,578	13%
TRANSPORTATION	3,272	-	12,241	138	-	508	-	-	16,159	24%
MISCELLANEOUS USES	31	88	-	12	-	634	-	92	857	1%
TOTAL FINAL DEMAND SECTORS	7,815	660	12,241	3,406	-	8,411	777	5,693	39,003	59%
TRANSFORMATION										
ELECTRICITY GEN.	33	28	-	-	-	381	39,899	-14,066	26,275	40%
PETROLEUM PRODUCTS	-1,726	-587	-4,782	-2,179	8,660	319	-	-	-295	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-1,693	-559	-4,782	-2,179	8,660	700	39,899	-14,066	25,980	39%
TOTAL GROSS FLOWS	7,848	688	12,241	3,406	8,660	9,111	40,676	5,693	65,278	99%
LOSSES & OMISSIONS	-279	2	-21	703	-0	89	-3	575	1,067	2%
TOTAL NET USAGE	5,842	103	7,437	1,930	8,659	9,200	40,672	-7,797	66,050	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	124,391	28,675	130,753	-	283,759	100%
HYDROELECTRIC	-	-	-	-	-	-	-	39	39	0%
NUCLEAR	-	-	-	-	-	-	-	19	19	0%
GEO.&SOLAR	-	-	-	-	-	-	-	6	6	0%
TOTAL SUPPLY	-	-	-	-	124,391	28,675	130,753	64	283,823	
NET IMPORTS OF REGION	5,842	103	7,437	1,930	-115,731	-19,475	-90,080	-7,861	-217,772	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =55.13%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.29%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 94 GREAT FALLS MONTANA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	2,272	174	-	2,793	-	9,583	168	5,188	20,178	22%
INDUSTRIAL	2,114	396	-	714	-	10,491	2,504	17,252	33,471	37%
TRANSPORTATION	8,386	4	14,873	296	-	626	-	-	24,185	27%
MISCELLANEOUS USES	24	53	-	9	-	1,247	-	109	1,442	2%
TOTAL FINAL DEMAND SECTORS	12,796	627	14,873	3,812	-	21,947	2,672	22,549	79,276	87%
TRANSFORMATION										
ELECTRICITY GEN.	-	-	-	-	-	12,539	-	-3,072	9,467	10%
PETROLEUM PRODUCTS	-5,134	-1,925	-16,828	-5,824	27,748	1,023	-	-	-940	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-5,134	-1,925	-16,828	-5,824	27,748	13,562	-	-3,072	8,527	9%
TOTAL GROSS FLOWS	12,796	627	14,873	3,812	27,748	35,509	2,672	22,549	88,743	98%
LOSSES & OMISSIONS	-455	1	-25	787	-1	349	-0	2,279	2,936	3%
TOTAL NET USAGE	7,206	-1,296	-1,980	-1,224	27,746	35,858	2,671	21,756	90,739	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	38,690	95,441	-	-	134,131	98%
HYDROELECTRIC	-	-	-	-	-	-	-	2,632	2,632	2%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	10	10	0%
TOTAL SUPPLY	-	-	-	-	38,690	95,441	-	2,642	136,773	
NET IMPORTS OF REGION	7,206	-1,296	-1,980	-1,224	-10,943	-59,582	2,671	19,114	-46,033	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =75.50%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 95 BILLINGS MONTANA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLITE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	2,770	296	-	3,376	-	12,215	183	6,782	25,622	13%
INDUSTRIAL	3,936	1,936	-	12,391	-	41,984	587	15,107	75,941	38%
TRANSPORTATION	19,849	14	18,883	13,215	-	756	-	-	52,717	27%
MISCELLANEOUS USES	29	50	-	12	-	811	-	66	968	0%
TOTAL FINAL DEMAND SECTORS	26,584	2,296	18,883	28,994	-	55,766	770	21,955	155,248	78%
TRANSFORMATION										
ELECTRICITY GEN.	-	-	-	-	-	11,486	56,441	-24,060	43,867	22%
PETROLEUM PRODUCTS	-48,751	-18,276	-159,778	-55,303	263,461	9,715	-	-	-8,932	-4%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-48,751	-18,276	-159,778	-55,303	263,461	21,201	56,441	-24,060	34,935	18%
TOTAL GROSS FLOWS	26,584	2,296	18,883	28,994	263,461	76,967	57,211	21,955	199,115	100%
LOSSES & OMISSIONS	-945	7	-32	5,992	-17	757	-4	2,219	7,976	4%
TOTAL NET USAGE	-23,112	-15,972	-140,927	-20,316	263,443	77,724	57,206	114	198,159	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	362,445	108,950	1,080,826	-	1,552,221	100%
HYDROELECTRIC	-	-	-	-	-	-	-	4,019	4,019	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	8	8	0%
TOTAL SUPPLY	-	-	-	-	362,445	108,950	1,080,826	4,027	1,556,248	
NET IMPORTS OF REGION	-23,112	-15,972	-140,927	-20,316	-99,001	-31,225	-1,023,619	-3,912	-1,358,088	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =64.58%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 96 BISMARK NORTH DAKOTA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	3,042	276	-	2,144	-	3,368	9	2,720	11,559	16%
INDUSTRIAL	1,186	2,388	-	5,702	-	3,373	874	2,257	15,780	22%
TRANSPORTATION	2,541	-	10,178	106	-	422	-	-	13,247	18%
MISCELLANEOUS USES	27	48	-	11	-	272	-	42	400	1%
TOTAL FINAL DEMAND SECTORS	6,796	2,712	10,178	7,963	-	7,435	883	5,019	40,986	56%
TRANSFORMATION										
ELECTRICITY GEN.	18	374	-	-	-	169	47,622	-16,917	31,866	44%
PETROLEUM PRODUCTS	-10,568	-3,270	-24,528	-14,559	49,428	1,823	-	-	-1,674	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-10,550	-2,296	-24,528	-14,559	49,428	1,992	47,622	-16,917	30,192	41%
TOTAL GROSS FLOWS	6,814	3,686	10,178	7,963	49,428	9,427	48,505	5,019	72,852	100%
LOSSES & OMISSIONS	-242	11	-17	1,645	-3	92	-3	507	1,990	3%
TOTAL NET USAGE	-3,996	427	-14,367	-4,950	49,424	9,519	48,501	-11,390	73,168	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	38,369	26,615	690,380	-	755,364	99%
HYDROELECTRIC	-	-	-	-	-	-	-	7,555	7,555	1%
NUCLEAR	-	-	-	-	-	-	-	18	18	0%
GEO.&SOLAR	-	-	-	-	-	-	-	5	5	0%
TOTAL SUPPLY	-	-	-	-	38,369	26,615	690,380	7,578	762,942	
NET IMPORTS OF REGION	-3,996	427	-14,367	-4,950	11,055	-17,095	-641,878	-18,968	-689,773	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.32%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 97 FARGO-MOORHEAD NORTH DAKOTA-MINNESOTA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	7,563	562	-	9,174	-	9,079	14	6,263	28,655	37%
INDUSTRIAL	1,355	807	-	1,129	-	1,569	1,336	3,004	9,200	12%
TRANSPORTATION	5,951	1	22,412	458	-	1,016	-	-	29,838	38%
MISCELLANEOUS USES	64	103	-	25	-	679	-	94	905	1%
TOTAL FINAL DEMAND SECTORS	14,933	1,473	22,412	6,786	-	12,283	1,350	9,361	68,598	88%
TRANSFORMATION										
ELECTRICITY GEN.	289	44	-	-	-	292	10,050	-3,649	7,026	9%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	289	44	-	-	-	292	10,050	-3,649	7,026	9%
TOTAL GROSS FLOWS	15,222	1,517	22,412	6,786	-	12,575	11,400	9,361	75,624	98%
LOSSES & OMISSIONS	-541	4	-38	1,402	-	123	-0	946	1,896	2%
TOTAL NET USAGE	14,680	1,521	22,373	8,188	-	12,698	11,399	6,658	77,520	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	159	159	79%
NUCLEAR	-	-	-	-	-	-	-	33	33	16%
GEO.&SOLAR	-	-	-	-	-	-	-	9	9	4%
TOTAL SUPPLY	-	-	-	-	-	-	-	201	201	
NET IMPORTS OF REGION	14,680	1,521	22,373	8,188	-	12,698	11,399	6,457	77,319	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.82%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 98 ABERDEEN SOUTH DAKOTA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	2,702	4	-	1,889	-	3,067	2	3,421	11,085	31%
INDUSTRIAL	82	93	-	139	-	229	21	124	688	2%
TRANSPORTATION	1,173	-	9,147	121	-	371	-	-	10,812	30%
MISCELLANEOUS USES	24	9	-	9	-	196	-	30	268	1%
TOTAL FINAL DEMAND SECTORS	3,981	106	9,147	2,158	-	3,863	23	3,575	22,853	64%
TRANSFORMATION										
ELECTRICITY GEN.	161	-	-	-	-	97	18,017	-6,339	11,936	34%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	161	-	-	-	-	97	18,017	-6,339	11,936	34%
TOTAL GROSS FLOWS	4,142	106	9,147	2,158	-	3,960	18,040	3,575	34,789	98%
LOSSES & OMISSIONS	-147	0	-15	446	-	38	-1	361	682	2%
TOTAL NET USAGE	3,994	106	9,131	2,604	-	3,998	18,038	-2,402	35,471	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	22	22	61%
NUCLEAR	-	-	-	-	-	-	-	11	11	31%
GEO.&SOLAR	-	-	-	-	-	-	-	3	3	8%
TOTAL SUPPLY	-	-	-	-	-	-	-	36	36	
NET IMPORTS OF REGION	3,994	106	9,131	2,604	-	3,998	18,038	-2,438	35,435	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.31%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 99 SIOUX FALLS SOUTH DAKOTA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	8,374	116	-	5,901	-	10,719	8	9,474	34,594	38%
INDUSTRIAL	2,011	1,114	-	1,796	-	3,604	718	3,433	12,676	14%
TRANSPORTATION	5,219	1	26,573	2,251	-	1,160	-	-	35,204	38%
MISCELLANEOUS USES	73	4	-	29	-	595	-	87	825	1%
TOTAL FINAL DEMAND SECTORS	15,677	1,274	26,573	9,977	-	16,078	726	12,994	83,299	90%
TRANSFORMATION										
ELECTRICITY GEN.	399	87	-	-	-	395	7,999	-2,997	5,883	6%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	399	87	-	-	-	395	7,999	-2,997	5,883	6%
TOTAL GROSS FLOWS	16,076	1,361	26,573	9,977	-	16,473	8,725	12,994	89,182	97%
LOSSES & OMISSIONS	-571	4	-45	2,062	-	162	-0	1,313	2,923	3%
TOTAL NET USAGE	15,504	1,365	26,527	12,039	-	16,635	8,724	11,310	92,105	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTEIC	-	-	-	-	-	-	-	89	89	61%
NUCLEAR	-	-	-	-	-	-	-	43	43	30%
GEO.&SOLAR	-	-	-	-	-	-	-	13	13	9%
TOTAL SUPPLY	-	-	-	-	-	-	-	145	145	
NET IMPORTS OF REGION	15,504	1,365	26,527	12,039	-	16,635	8,724	11,165	91,960	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.25%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EEA ECONOMIC AREA 100 RAPID CITY SOUTH DAKOTA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	4,771	18	-	3,380	-	5,272	7	5,842	19,290	28%
INDUSTRIAL	2,104	1,111	-	1,914	-	12,419	171	2,409	20,128	30%
TRANSPORTATION	2,666	2	16,613	190	-	668	-	-	20,139	30%
MISCELLANEOUS USES	42	24	-	16	-	948	-	141	1,171	2%
TOTAL FINAL DEMAND SECTORS	9,583	1,155	16,613	5,500	-	19,307	178	8,392	60,728	90%
TRANSFORMATION										
ELECTRICITY GEN.	473	18	-	-	-	370	7,925	-2,989	5,797	9%
PETROLEUM PRODUCTS	-3,416	-1,281	-11,197	-3,375	18,462	681	-	-	-626	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-2,943	-1,263	-11,197	-3,875	18,462	1,051	7,925	-2,989	5,171	8%
TOTAL GROSS FLOWS	10,056	1,173	16,613	5,500	18,462	20,358	8,103	8,392	66,525	98%
LOSSES & OMISSIONS	-357	3	-28	1,136	-1	200	-0	848	1,801	3%
TOTAL NET USAGE	6,282	-104	5,387	2,761	18,460	20,558	8,102	6,251	67,700	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	34,837	1,803	-	-	36,640	65%
HYDROELECTRIC	-	-	-	-	-	-	-	19,289	19,289	34%
NUCLEAR	-	-	-	-	-	-	-	27	27	0%
GEO.&SOLAR	-	-	-	-	-	-	-	8	8	0%
TOTAL SUPPLY	-	-	-	-	34,837	1,803	-	19,324	55,964	
NET IMPORTS OF REGION	6,282	-104	5,387	2,761	-16,376	18,755	8,102	-13,072	11,736	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.98%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 101 SCOTTSBLUFF NEBRASKA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	864	67	-	1,434	-	3,720	5	1,975	8,065	27%
INDUSTRIAL	954	81	-	263	-	3,697	300	1,944	7,239	24%
TRANSPORTATION	4,102	9	6,531	289	-	292	-	-	11,223	38%
MISCELLANEOUS USES	18	16	-	7	-	168	-	26	235	1%
TOTAL FINAL DEMAND SECTORS	5,938	173	6,531	1,993	-	7,877	305	3,945	26,762	90%
TRANSFORMATION										
ELECTRICITY GEN.	-	-	-	-	-	1,276	2,186	-1,084	2,378	8%
PETROLEUM PRODUCTS	-378	-303	-2,271	-1,348	4,576	169	-	-	-155	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-378	-303	-2,271	-1,348	4,576	1,445	2,186	-1,084	2,223	7%
TOTAL GROSS FLOWS	5,938	173	6,531	1,993	4,576	9,322	2,491	3,945	29,140	98%
LOSSES & OMISSIONS	-211	0	-11	411	-0	91	-0	398	680	2%
TOTAL NET USAGE	4,748	-129	4,248	1,056	4,575	9,413	2,490	3,259	29,665	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	19,017	7,247	-	-	26,264	100%
HYDROELECTRIC	-	-	-	-	-	-	-	24	24	0%
NUCLEAR	-	-	-	-	-	-	-	12	12	0%
GEO.&SOLAR	-	-	-	-	-	-	-	4	4	0%
TOTAL SUPPLY	-	-	-	-	19,017	7,247	-	40	26,304	
NET IMPORTS OF REGION	4,748	-129	4,248	1,056	-14,441	2,166	2,490	3,219	3,361	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =58.63%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 102 GRAND ISLAND NEBRASKA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	2,765	188	-	4,796	-	12,358	6	6,469	26,582	24%
INDUSTRIAL	1,090	542	-	913	-	7,580	2,198	6,716	19,039	17%
TRANSPORTATION	5,178	18	20,673	316	-	967	-	-	27,152	24%
MISCELLANEOUS USES	61	48	-	24	-	568	-	100	801	1%
TOTAL FINAL DEMAND SECTORS	9,094	796	20,673	6,049	-	21,473	2,204	13,285	73,574	66%
TRANSFORMATION										
ELECTRICITY GEN.	676	106	-	-	-	3,484	49,137	-18,188	35,215	32%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	676	106	-	-	-	3,484	49,137	-18,188	35,215	32%
TOTAL GROSS FLOWS	9,770	902	20,673	6,049	-	24,957	51,341	13,285	108,789	98%
LOSSES & OMISSIONS	-347	2	-35	1,250	-	245	-4	1,342	2,454	2%
TOTAL NET USAGE	9,422	904	20,637	7,299	-	25,202	51,336	-3,560	111,243	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	9,417	-	-	-	9,417	86%
HYDROELECTRIC	-	-	-	-	-	-	-	1,434	1,434	13%
NUCLEAR	-	-	-	-	-	-	-	50	50	0%
GEO.&SOLAR	-	-	-	-	-	-	-	15	15	0%
TOTAL SUPPLY	-	-	-	-	9,417	-	-	1,499	10,916	
NET IMPORTS OF REGION	9,422	904	20,637	7,299	-9,417	25,202	51,336	-5,059	100,327	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.94%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 103 SIOUX CITY IOWA-NEBRASKA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	5,903	125	-	6,989	-	17,051	7	9,344	39,419	25%
INDUSTRIAL	2,011	1,859	-	2,520	-	12,190	6,587	7,296	32,463	20%
TRANSPORTATION	6,076	21	30,193	503	-	1,399	-	-	38,192	24%
MISCELLANEOUS USES	89	50	-	35	-	843	-	97	1,114	1%
TOTAL FINAL DEMAND SECTORS	14,079	2,055	30,193	10,047	-	31,483	6,594	16,737	111,188	70%
TRANSFORMATION										
ELECTRICITY GEN.	1,024	8	-	-	-	549	67,470	-23,876	45,175	28%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1,024	8	-	-	-	549	67,470	-23,876	45,175	28%
TOTAL GROSS FLOWS	15,103	2,063	30,193	10,047	-	32,032	74,064	16,737	156,363	98%
LOSSES & OMISSIONS	-537	6	-51	2,076	-	315	-6	1,691	3,495	2%
TOTAL NET USAGE	14,565	2,069	30,141	12,123	-	32,347	74,057	-5,447	159,858	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	7,433	7,433	99%
NUCLEAR	-	-	-	-	-	-	-	61	61	1%
GEO.&SOLAR	-	-	-	-	-	-	-	18	18	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	7,512	7,512	
NET IMPORTS OF REGION	14,565	2,069	30,141	12,123	-	32,347	74,057	-12,959	152,346	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.42%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EEA ECONOMIC AREA 104 FORT DODGE IOWA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	3,388	57	-	4,221	-	11,083	2	5,053	23,804	29%
INDUSTRIAL	1,385	892	-	2,268	-	9,057	5,238	5,589	24,429	30%
TRANSPORTATION	4,589	1	17,472	400	-	846	-	-	23,308	28%
MISCELLANEOUS USES	54	27	-	21	-	500	-	33	635	1%
TOTAL FINAL DEMAND SECTORS	9,416	977	17,472	6,910	-	21,486	5,240	10,675	72,176	88%
TRANSFORMATION										
ELECTRICITY GEN.	519	72	-	-	-	1,017	9,952	-3,856	7,704	9%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	519	72	-	-	-	1,017	9,952	-3,856	7,704	9%
TOTAL GROSS FLOWS	9,935	1,049	17,472	6,910	-	22,503	15,192	10,675	79,880	97%
LOSSES & OMISSIONS	-353	3	-29	1,428	-	221	-1	1,079	2,347	3%
TOTAL NET USAGE	9,581	1,052	17,442	8,338	-	22,724	15,190	7,898	82,227	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	83	83	61%
NUCLEAR	-	-	-	-	-	-	-	40	40	30%
GEO.&SOLAR	-	-	-	-	-	-	-	12	12	9%
TOTAL SUPPLY	-	-	-	-	-	-	-	135	135	
NET IMPORTS OF REGION	9,581	1,052	17,442	8,338	-	22,724	15,190	7,763	82,092	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.64%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 105 WATERLOO IOWA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	5,352	93	-	6,668	-	17,615	3	8,021	37,752	30%
INDUSTRIAL	1,710	1,226	-	3,205	-	15,541	8,437	6,955	37,104	30%
TRANSPORTATION	5,040	1	27,602	421	-	1,336	-	-	34,400	28%
MISCELLANEOUS USES	85	44	-	34	-	822	-	53	1,038	1%
TOTAL FINAL DEMAND SECTORS	12,217	1,364	27,602	10,328	-	35,314	8,440	15,029	110,294	89%
TRANSFORMATION										
ELECTRICITY GEN.	1,305	24	-	-	-	2,191	12,048	-5,036	10,532	8%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1,305	24	-	-	-	2,191	12,048	-5,036	10,532	8%
TOTAL GROSS FLOWS	13,522	1,388	27,602	10,328	-	37,505	20,488	15,029	120,826	97%
LOSSES & OMISSIONS	-480	4	-47	2,134	-	369	-1	1,519	3,497	3%
TOTAL NET USAGE	13,041	1,392	27,554	12,462	-	37,874	20,486	11,512	124,323	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	175	175	71%
NUCLEAR	-	-	-	-	-	-	-	55	55	22%
GEO.&SOLAR	-	-	-	-	-	-	-	16	16	7%
TOTAL SUPPLY	-	-	-	-	-	-	-	246	246	
NET IMPORTS OF REGION	13,041	1,392	27,554	12,462	-	37,874	20,486	11,266	124,077	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.65%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 106 DES MOINES IOWA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	10,516	227	-	13,101	-	38,355	7	17,364	79,570	32%
INDUSTRIAL	2,395	1,645	-	4,477	-	21,680	9,806	10,194	50,197	20%
TRANSPORTATION	12,773	2	54,233	7,447	-	2,625	-	-	77,080	31%
MISCELLANEOUS USES	166	91	-	66	-	2,063	-	136	2,522	1%
TOTAL FINAL DEMAND SECTORS	25,850	1,965	54,233	25,091	-	64,723	9,813	27,694	209,369	83%
TRANSFORMATION										
ELECTRICITY GEN.	1,865	249	-	-	-	937	50,696	-18,368	35,379	14%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1,865	249	-	-	-	937	50,696	-18,368	35,379	14%
TOTAL GROSS FLOWS	27,715	2,214	54,233	25,091	-	65,660	60,509	27,694	244,748	97%
LOSSES & OMISSIONS	-985	6	-93	5,185	-	646	-4	2,799	7,554	3%
TOTAL NET USAGE	26,729	2,220	54,139	30,276	-	66,306	60,504	12,125	252,302	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	15,761	-	15,761	98%
HYDROELECTRIC	-	-	-	-	-	-	-	247	247	2%
NUCLEAR	-	-	-	-	-	-	-	98	98	1%
GEO.&SOLAR	-	-	-	-	-	-	-	29	29	0%
TOTAL SUPPLY	-	-	-	-	-	-	15,761	374	16,135	
NET IMPORTS OF REGION	26,729	2,220	54,139	30,276	-	66,306	44,743	11,751	236,167	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.83%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 107 OMAHA NEBRASKA-IOWA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	8,263	590	-	12,991	-	37,635	15	19,812	79,311	28%
INDUSTRIAL	2,435	3,529	-	5,168	-	25,353	8,603	9,217	54,405	19%
TRANSPORTATION	22,163	59	55,416	9,217	-	2,616	-	-	89,476	32%
MISCELLANEOUS USES	165	142	-	66	-	2,315	-	352	3,041	1%
TOTAL FINAL DEMAND SECTORS	33,037	4,420	55,416	27,442	-	67,919	8,618	29,381	226,233	80%
TRANSFORMATION										
ELECTRICITY GEN.	1,075	145	-	-	-	915	73,825	-26,234	49,726	18%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1,075	145	-	-	-	915	73,825	-26,234	49,726	18%
TOTAL GROSS FLOWS	34,112	4,565	55,416	27,442	-	68,834	82,443	29,381	275,959	97%
LOSSES & OMISSIONS	-1,213	14	-95	5,671	-	677	-6	2,970	8,018	3%
TOTAL NET USAGE	32,898	4,579	55,320	33,113	-	69,511	82,436	6,117	283,977	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	939	939	9%
NUCLEAR	-	-	-	-	-	-	-	9,537	9,537	91%
GEO.&SOLAR	-	-	-	-	-	-	-	30	30	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	10,506	10,506	
NET IMPORTS OF REGION	32,898	4,579	55,320	33,113	-	69,511	82,436	-4,388	273,471	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.46%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 108 LINCOLN NEBRASKA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	3,001	258	-	5,205	-	14,787	7	7,965	31,223	28%
INDUSTRIAL	908	627	-	1,843	-	12,083	3,003	4,764	23,228	21%
TRANSPORTATION	6,203	23	22,439	357	-	1,050	-	-	30,072	27%
MISCELLANEOUS USES	67	59	-	27	-	1,080	-	190	1,433	1%
TOTAL FINAL DEMAND SECTORS	10,179	977	22,439	7,432	-	29,000	3,010	12,919	85,956	77%
TRANSFORMATION										
ELECTRICITY GEN.	746	21	-	-	-	422	32,758	-11,688	22,259	20%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	746	21	-	-	-	422	32,758	-11,688	22,259	20%
TOTAL GROSS FLOWS	10,925	998	22,439	7,432	-	29,422	35,768	12,919	108,215	98%
LOSSES & OMISSIONS	-388	3	-38	1,536	-	289	-2	1,305	2,704	2%
TOTAL NET USAGE	10,536	1,001	22,400	8,968	-	29,711	35,765	2,536	110,919	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	168	-	-	-	168	1%
HYDROELECTRIC	-	-	-	-	-	-	-	231	231	1%
NUCLEAR	-	-	-	-	-	-	-	16,277	16,277	98%
GEO.&SOLAR	-	-	-	-	-	-	-	14	14	0%
TOTAL SUPPLY	-	-	-	-	168	-	-	16,522	16,690	
NET IMPORTS OF REGION	10,536	1,001	22,400	8,968	-168	29,711	35,765	-13,985	94,229	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.57%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 109 SALINA KANSAS 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	670	50	-	5,092	-	14,653	2	7,311	27,778	18%
INDUSTRIAL	1,017	1,305	-	8,811	-	62,419	338	9,786	83,676	53%
TRANSPORTATION	5,214	2	23,696	420	-	1,041	-	-	30,373	19%
MISCELLANEOUS USES	66	32	-	26	-	565	-	28	717	0%
TOTAL FINAL DEMAND SECTORS	6,967	1,389	23,696	14,349	-	78,678	340	17,125	142,544	91%
TRANSFORMATION										
ELECTRICITY GEN.	15	36	-	-	-	5,321	12,336	-5,666	12,042	8%
PETROLEUM PRODUCTS	-17,692	-5,474	-41,061	-24,373	82,744	3,051	-	-	-2,805	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-17,677	-5,438	-41,061	-24,373	82,744	8,372	12,336	-5,666	9,237	6%
TOTAL GROSS FLOWS	6,982	1,425	23,696	14,349	82,744	87,050	12,676	17,125	154,586	98%
LOSSES & OMISSIONS	-248	4	-40	2,965	-5	856	-1	1,731	5,262	3%
TOTAL NET USAGE	-10,958	-4,044	-17,405	-7,058	82,738	87,906	12,674	13,190	157,043	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	173,767	5,323	-	-	179,090	100%
HYDROELECTRIC	-	-	-	-	-	-	-	139	139	0%
NUCLEAR	-	-	-	-	-	-	-	68	68	0%
GEO.&SOLAR	-	-	-	-	-	-	-	20	20	0%
TOTAL SUPPLY	-	-	-	-	173,767	5,323	-	227	179,317	
NET IMPORTS OF REGION	-10,958	-4,044	-17,405	-7,058	-91,028	82,583	12,674	12,963	-22,273	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.00%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 110 WICHITA KANSAS 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	1,289	107	-	9,800	-	29,696	5	15,308	56,205	18%
INDUSTRIAL	1,487	3,013	-	22,114	-	116,623	1,984	11,160	156,381	49%
TRANSPORTATION	9,030	4	45,610	6,252	-	2,003	-	-	62,899	20%
MISCELLANEOUS USES	127	64	-	51	-	1,451	-	73	1,766	1%
TOTAL FINAL DEMAND SECTORS	11,933	3,188	45,610	38,217	-	149,773	1,989	26,541	277,251	87%
TRANSFORMATION										
ELECTRICITY GEN.	395	102	-	-	-	34,423	17,635	-15,025	37,530	12%
PETROLEUM PRODUCTS	-43,700	-13,520	-101,425	-60,202	204,383	7,537	-	-	-6,927	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-43,305	-13,418	-101,425	-60,202	204,383	41,960	17,635	-15,025	30,603	10%
TOTAL GROSS FLOWS	12,328	3,290	45,610	38,217	204,383	191,733	19,624	26,541	314,781	98%
LOSSES & OMISSIONS	-438	10	-78	7,398	-13	1,886	-1	2,682	11,946	4%
TOTAL NET USAGE	-31,810	-10,219	-55,893	-14,086	204,369	193,619	19,622	14,198	319,800	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	378,696	1,455,657	-	-	1,834,353	100%
HYDROELECTRIC	-	-	-	-	-	-	-	199	199	0%
NUCLEAR	-	-	-	-	-	-	-	97	97	0%
GEO.&SOLAR	-	-	-	-	-	-	-	29	29	0%
TOTAL SUPPLY	-	-	-	-	378,696	1,455,657	-	325	1,834,678	
NET IMPORTS OF REGION	-31,810	-10,219	-55,893	-14,086	-174,326	-1,262,037	19,622	13,873	-1,514,877	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =71.41%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 111 KANSAS CITY MISSOURI-KANSAS 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	12,768	2,312	-	37,743	-	103,193	15	54,206	210,238	23%
INDUSTRIAL	3,723	6,063	-	31,138	-	115,414	24,939	24,517	205,764	23%
TRANSPORTATION	41,536	9	162,546	52,679	-	7,667	-	-	264,437	30%
MISCELLANEOUS USES	486	425	-	193	-	6,186	-	442	7,732	1%
TOTAL FINAL DEMAND SECTORS	58,513	8,809	162,545	121,753	-	232,460	24,925	79,165	688,171	77%
TRANSFORMATION										
ELECTRICITY GEN.	3,982	53	-	-	-	37,390	233,034	-91,611	182,848	20%
PETROLEUM PRODUCTS	-63,900	-16,160	-138,347	-83,481	281,933	10,396	-	-	-9,559	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-59,918	-16,107	-138,347	-83,481	281,933	47,786	233,034	-91,611	173,289	19%
TOTAL GROSS FLOWS	62,495	8,862	162,546	121,753	281,933	280,246	257,959	79,165	871,019	97%
LOSSES & OMISSIONS	-2,222	27	-278	25,163	-18	2,757	-21	8,002	33,410	4%
TOTAL NET USAGE	-3,627	-7,270	23,920	63,435	281,914	283,003	257,937	-4,443	894,870	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	6,660	1,748	60,326	-	68,734	98%
HYDROELECTRIC	-	-	-	-	-	-	-	948	948	1%
NUCLEAR	-	-	-	-	-	-	-	274	274	0%
GEO.&SOLAR	-	-	-	-	-	-	-	82	82	0%
TOTAL SUPPLY	-	-	-	-	6,660	1,748	60,326	1,304	70,038	
NET IMPORTS OF REGION	-3,627	-7,270	23,920	63,435	275,254	281,255	197,611	-5,747	824,832	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.62%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 112 COLUMBIA MISSOURI 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	3,266	558	-	6,623	-	15,504	3	8,159	34,113	31%
INDUSTRIAL	442	256	-	1,417	-	10,475	6,588	4,153	23,331	21%
TRANSPORTATION	1,918	-	26,798	241	-	1,339	-	-	30,296	28%
MISCELLANEOUS USES	85	153	-	34	-	1,352	-	147	1,771	2%
TOTAL FINAL DEMAND SECTORS	5,711	967	26,798	8,315	-	28,670	6,591	12,459	89,511	81%
TRANSFORMATION										
ELECTRICITY GEN.	823	72	-	-	-	1,500	24,005	-8,941	17,459	16%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	823	72	-	-	-	1,500	24,005	-8,941	17,459	16%
TOTAL GROSS FLOWS	6,534	1,039	26,798	8,315	-	30,170	30,596	12,459	106,970	97%
LOSSES & OMISSIONS	-232	3	-45	1,718	-	296	-2	1,259	2,997	3%
TOTAL NET USAGE	6,301	1,042	26,752	10,033	-	30,466	30,593	4,777	109,967	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	29,526	-	29,526	88%
HYDROELECTRIC	-	-	-	-	-	-	-	4,007	4,007	12%
NUCLEAR	-	-	-	-	-	-	-	43	43	0%
GEO.&SOLAR	-	-	-	-	-	-	-	13	13	0%
TOTAL SUPPLY	-	-	-	-	-	-	29,526	4,063	33,589	
NET IMPORTS OF REGION	6,301	1,042	26,752	10,033	-	30,466	1,067	714	76,378	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.13%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 113 QUINCY ILLINOIS 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	3,476	694	-	3,774	-	12,739	312	5,559	26,554	27%
INDUSTRIAL	1,445	1,217	-	5,073	-	15,301	9,881	4,981	37,898	38%
TRANSPORTATION	3,264	1	17,181	342	-	1,062	-	-	21,850	22%
MISCELLANEOUS USES	77	97	-	31	-	461	-	89	755	1%
TOTAL FINAL DEMAND SECTORS	8,262	2,009	17,181	9,220	-	29,563	10,193	10,629	87,057	87%
TRANSFORMATION										
ELECTRICITY GEN.	1,075	79	-	-	-	784	13,347	-5,106	10,179	10%
PETROLEUM PRODUCTS	-777	-180	-1,637	-394	3,351	124	-	-	-113	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	298	-101	-1,637	-394	3,351	908	13,347	-5,106	10,066	10%
TOTAL GROSS FLOWS	9,337	2,088	17,181	9,220	3,351	30,471	23,540	10,629	97,236	97%
LOSSES & OMISSIONS	-332	6	-29	1,905	-0	299	-1	1,074	2,922	3%
TOTAL NET USAGE	8,227	1,914	15,514	10,131	3,350	30,770	23,538	6,597	100,045	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	22	-	-	-	22	1%
HYDROELECTRIC	-	-	-	-	-	-	-	1,982	1,982	98%
NUCLEAR	-	-	-	-	-	-	-	17	17	1%
GEO.&SOLAR	-	-	-	-	-	-	-	7	7	0%
TOTAL SUPPLY	-	-	-	-	22	-	-	2,006	2,028	
NET IMPORTS OF REGION	8,227	1,914	15,514	10,131	3,328	30,770	23,538	4,591	98,017	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.59%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.25%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 114 ST. LOUIS MISSOURI-ILLINOIS 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	31,312	7,602	-	45,262	-	136,507	2,559	65,651	288,893	24%
INDUSTRIAL	9,759	12,976	-	75,606	-	136,490	60,251	28,901	323,983	27%
TRANSPORTATION	33,939	33	197,472	45,775	-	11,618	-	-	288,837	24%
MISCELLANEOUS USES	819	1,305	-	326	-	6,427	-	1,206	10,083	1%
TOTAL FINAL DEMAND SECTORS	75,829	21,916	197,472	166,969	-	291,042	62,810	95,758	911,796	76%
TRANSFORMATION										
ELECTRICITY GEN.	4,826	7,562	-	-	-	5,398	397,300	-142,375	272,711	23%
PETROLEUM PRODUCTS	-195,560	-45,228	-411,739	-250,161	843,024	31,087	-	-	-28,577	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-190,734	-37,666	-411,739	-250,161	843,024	36,485	397,300	-142,375	244,134	20%
TOTAL GROSS FLOWS	80,655	29,478	197,472	166,969	843,024	327,527	460,110	95,758	1,184,507	99%
LOSSES & OMISSIONS	-2,868	93	-338	34,508	-55	3,222	-37	9,679	44,204	4%
TOTAL NET USAGE	-117,773	-15,656	-214,605	-48,683	842,968	330,749	460,072	-36,937	1,200,134	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	74,300	1,016	1,062,438	-	1,137,754	100%
HYDROELECTRIC	-	-	-	-	-	-	-	1,146	1,146	0%
NUCLEAR	-	-	-	-	-	-	-	210	210	0%
GEO.&SOLAR	-	-	-	-	-	-	-	76	76	0%
TOTAL SUPPLY	-	-	-	-	74,300	1,016	1,062,438	1,432	1,139,186	
NET IMPORTS OF REGION	-117,773	-15,656	-214,605	-48,683	768,668	329,733	-602,365	-38,369	60,948	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.70%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 115 PADUCAH KENTUCKY 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	3,855	550	-	8,264	-	18,795	203	11,208	42,875	14%
INDUSTRIAL	2,790	1,639	-	8,161	-	22,443	24,231	33,478	92,742	31%
TRANSPORTATION	5,246	39	35,383	431	-	1,926	-	-	44,025	15%
MISCELLANEOUS USES	136	139	-	55	-	870	-	186	1,386	0%
TOTAL FINAL DEMAND SECTORS	13,027	2,367	35,383	16,911	-	44,034	24,434	44,872	181,028	61%
TRANSFORMATION										
ELECTRICITY GEN.	1,867	2,089	-	-	-	2,670	157,616	-56,385	107,857	36%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1,867	2,089	-	-	-	2,670	157,616	-56,385	107,857	36%
TOTAL GROSS FLOWS	14,894	4,456	35,383	16,911	-	46,704	182,050	44,872	288,885	97%
LOSSES & OMISSIONS	-529	14	-60	3,495	-	459	-14	4,535	7,899	3%
TOTAL NET USAGE	14,364	4,470	35,322	20,406	-	47,163	182,035	-6,977	296,784	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	123	-	123	3%
HYDROELECTRIC	-	-	-	-	-	-	-	4,389	4,389	96%
NUCLEAR	-	-	-	-	-	-	-	22	22	0%
GEO.&SOLAR	-	-	-	-	-	-	-	38	38	1%
TOTAL SUPPLY	-	-	-	-	-	-	123	4,449	4,572	
NET IMPORTS OF REGION	14,364	4,470	35,322	20,406	-	47,163	181,912	-11,426	292,212	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.67%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 116 SPRINGFIELD MISSOURI 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	5,258	802	-	13,738	-	32,859	5	17,778	70,440	25%
INDUSTRIAL	2,429	3,749	-	14,086	-	61,373	11,814	8,364	101,815	36%
TRANSPORTATION	11,628	1	58,012	1,587	-	3,533	-	-	74,771	26%
MISCELLANEOUS USES	176	149	-	70	-	1,459	-	149	2,003	1%
TOTAL FINAL DEMAND SECTORS	19,491	4,711	58,012	29,481	-	99,224	11,819	26,291	249,029	88%
TRANSFORMATION										
ELECTRICITY GEN.	1,126	-	-	-	-	11,612	28,056	-12,978	27,816	10%
PETROLEUM PRODUCTS	-10,106	-3,127	-23,455	-13,922	47,264	1,743	-	-	-1,603	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-8,980	-3,127	-23,455	-13,922	47,264	13,355	28,056	-12,978	26,213	9%
TOTAL GROSS FLOWS	20,617	4,711	58,012	29,481	47,264	112,579	39,875	26,291	276,845	97%
LOSSES & OMISSIONS	-733	14	-99	6,093	-3	1,107	-3	2,657	9,034	3%
TOTAL NET USAGE	9,777	1,598	34,457	21,652	47,260	113,686	39,871	15,970	284,276	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	8,478	1,913	52,441	-	62,832	90%
HYDROELECTRIC	-	-	-	-	-	-	-	7,196	7,196	10%
NUCLEAR	-	-	-	-	-	-	-	82	82	0%
GEO.&SOLAR	-	-	-	-	-	-	-	26	26	0%
TOTAL SUPPLY	-	-	-	-	8,478	1,913	52,441	7,304	70,136	
NET IMPORTS OF REGION	9,777	1,598	34,457	21,652	38,782	111,773	-12,569	8,666	214,140	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.19%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EEA ECONOMIC AREA 117 LITTLE ROCK-NORTH LITTLE ROCK ARKANSAS 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	3,104	1,170	-	14,125	-	29,207	-	19,488	67,094	19%
INDUSTRIAL	13,366	7,419	-	32,680	-	34,489	1,303	16,354	105,616	31%
TRANSPORTATION	38,332	86	59,759	11,432	-	9,057	-	-	118,666	34%
MISCELLANEOUS USES	175	227	-	70	-	2,063	-	286	2,821	1%
TOTAL FINAL DEMAND SECTORS	54,977	8,902	59,759	58,307	-	74,816	1,303	36,128	294,197	85%
TRANSFORMATION										
ELECTRICITY GEN.	2,112	-	-	-	-	41,011	13,396	-20,162	36,357	11%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	2,112	-	-	-	-	41,011	13,396	-20,162	36,357	11%
TOTAL GROSS FLOWS	57,089	8,902	59,759	58,307	-	115,827	14,704	36,128	330,554	96%
LOSSES & OMISSIONS	-2,030	28	-102	12,050	-	1,139	-1	3,652	14,736	4%
TOTAL NET USAGE	55,058	8,930	59,656	70,357	-	116,966	14,702	19,618	345,290	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	5,559	32,364	3,502	-	41,425	68%
HYDROELECTRIC	-	-	-	-	-	-	-	1,386	1,386	2%
NUCLEAR	-	-	-	-	-	-	-	17,780	17,780	29%
GEO.&SOLAR	-	-	-	-	-	-	-	26	26	0%
TOTAL SUPPLY	-	-	-	-	5,559	32,364	3,502	19,192	60,617	
NET IMPORTS OF REGION	55,058	8,930	59,655	70,357	-5,559	84,602	11,200	426	284,673	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =64.33%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EEA ECONOMIC AREA 118 FORT SMITH ARKANSAS-OKLAHOMA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
				(ALL UNITS IN 10**9 BTU'S)						
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	1,025	275	-	4,660	-	9,310	-	6,217	21,487	26%
INDUSTRIAL	2,578	1,458	-	4,198	-	7,544	95	2,741	18,614	23%
TRANSPORTATION	9,765	25	20,756	1,833	-	2,987	-	-	35,366	44%
MISCELLANEOUS USES	57	50	-	23	-	550	-	128	808	1%
TOTAL FINAL DEMAND SECTORS	13,425	1,808	20,756	10,714	-	20,391	95	9,086	76,275	94%
TRANSFORMATION										
ELECTRICITY GEN.	486	-	-	-	-	2,396	-	-853	2,029	3%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	486	-	-	-	-	2,396	-	-853	2,029	3%
TOTAL GROSS FLOWS	13,911	1,808	20,756	10,714	-	22,787	95	9,086	78,304	97%
LOSSES & OMISSIONS	-494	5	-35	2,214	-	224	-0	918	2,832	3%
TOTAL NET USAGE	13,416	1,813	20,720	12,928	-	23,011	94	9,151	81,136	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	60,158	339,104	16,596	-	415,858	99%
HYDROELECTRIC	-	-	-	-	-	-	-	2,091	2,091	1%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	6	6	0%
TOTAL SUPPLY	-	-	-	-	60,158	339,104	16,596	2,097	417,955	
NET IMPORTS OF REGION	13,416	1,813	20,720	12,928	-60,158	-316,092	-16,501	7,054	-336,818	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =70.40%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 119 TULSA OKLAHOMA 1980

REGIONAL ENERGY BALANCE STATEMENT.
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	3,517	431	-	15,993	-	34,444	-	24,071	78,456	13%
INDUSTRIAL	5,807	2,855	-	58,098	-	163,656	1,260	12,848	244,524	42%
TRANSPORTATION	28,284	127	75,209	26,836	-	10,253	-	-	140,709	24%
MISCELLANEOUS USES	199	118	-	79	-	1,552	-	487	2,435	0%
TOTAL FINAL DEMAND SECTORS	37,807	3,531	75,209	101,006	-	209,905	1,260	37,406	466,124	80%
TRANSFORMATION										
ELECTRICITY GEN.	2,051	-	-	-	-	95,665	66,750	-65,231	99,235	17%
PETROLEUM PRODUCTS	-64,976	-20,103	-150,802	-89,510	303,883	11,206	-	-	-10,302	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-62,925	-20,103	-150,802	-89,510	303,883	106,871	66,750	-65,231	88,933	15%
TOTAL GROSS FLOWS	39,858	3,531	75,209	101,006	303,883	316,776	68,010	37,406	565,359	97%
LOSSES & OMISSIONS	-1,417	11	-129	20,875	-19	3,117	-5	3,781	26,213	5%
TOTAL NET USAGE	-26,535	-16,560	-75,722	32,371	303,863	319,893	68,004	-24,043	581,270	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	145,353	10,849	23,477	-	179,279	99%
HYDROELECTEIC	-	-	-	-	-	-	-	2,455	2,455	1%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	25	25	0%
TOTAL SUPPLY	-	-	-	-	145,353	10,849	23,477	2,480	181,759	
NET IMPORTS OF REGION	-26,535	-16,560	-75,722	32,371	158,510	309,044	44,527	-26,523	399,511	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =60.38%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 120 OKLAHOMA CITY OKLAHOMA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	4,150	384	-	18,868	-	42,741	-	30,204	96,347	19%
INDUSTRIAL	2,476	1,285	-	24,446	-	102,926	229	9,812	141,174	28%
TRANSPORTATION	34,608	134	90,230	19,601	-	12,097	-	-	156,670	31%
MISCELLANEOUS USES	234	155	-	94	-	3,273	-	1,106	4,862	1%
TOTAL FINAL DEMAND SECTORS	41,468	1,958	90,230	63,009	-	161,037	229	41,122	399,053	79%
TRANSFORMATION										
ELECTRICITY GEN.	2,217	-	-	-	-	135,762	-	-41,862	96,117	19%
PETROLEUM PRODUCTS	-43,521	-13,464	-101,006	-59,954	203,541	7,505	-	-	-6,899	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-41,304	-13,464	-101,006	-59,954	203,541	143,267	-	-41,862	89,218	18%
TOTAL GROSS FLOWS	43,685	1,958	90,230	63,009	203,541	304,304	229	41,122	495,170	98%
LOSSES & OMISSIONS	-1,553	6	-154	13,022	-13	2,994	-0	4,156	18,458	4%
TOTAL NET USAGE	-1,389	-11,499	-10,930	16,077	203,527	307,298	228	3,416	506,729	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	762,147	838,473	-	-	1,600,620	100%
HYDROELECTRIC	-	-	-	-	-	-	-	156	156	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	27	27	0%
TOTAL SUPPLY	-	-	-	-	762,147	838,473	-	183	1,600,803	
NET IMPORTS OF REGION	-1,389	-11,499	-10,930	16,077	-558,619	-531,174	228	3,233	-1,094,073	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =69.66%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 121 WICHITA FALLS TEXAS 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	1,195	118	-	5,989	-	10,209	-	8,744	26,255	15%
INDUSTRIAL	600	299	-	5,025	-	57,968	28	4,612	68,532	38%
TRANSPORTATION	5,834	18	28,557	2,769	-	3,887	-	-	41,115	23%
MISCELLANEOUS USES	75	96	-	30	-	2,590	-	920	3,711	2%
TOTAL FINAL DEMAND SECTORS	7,754	531	28,557	13,813	-	74,654	28	14,276	139,613	78%
TRANSFORMATION										
ELECTRICITY GEN.	1,292	-	-	-	-	50,408	-	-15,658	36,042	20%
PETROLEUM PRODUCTS	-12,343	-3,819	-28,601	-17,010	57,690	2,128	-	-	-1,955	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-11,051	-3,819	-28,601	-17,010	57,690	52,536	-	-15,658	34,087	19%
TOTAL GROSS FLOWS	9,046	531	28,557	13,813	57,690	127,190	28	14,276	175,655	98%
LOSSES & OMISSIONS	-321	1	-49	2,854	-3	1,251	-0	1,443	5,176	3%
TOTAL NET USAGE	-3,618	-3,286	-93	-342	57,686	128,441	27	61	178,876	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	353,658	85,112	-	-	438,770	100%
HYDROELECTRIC	-	-	-	-	-	-	-	56	56	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	1,037	1,037	0%
TOTAL SUPPLY	-	-	-	-	353,658	85,112	-	1,093	439,863	
NET IMPORTS OF REGION	-3,618	-3,286	-93	-342	-295,971	43,329	27	-1,031	-260,986	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =69.71%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 122 AMARILLO TEXAS 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	1,042	128	-	5,596	-	8,743	15	9,022	24,546	10%
INDUSTRIAL	1,346	807	-	17,514	-	110,151	324	11,209	141,351	59%
TRANSPORTATION	12,122	10	27,299	4,359	-	3,280	-	-	47,070	20%
MISCELLANEOUS USES	68	43	-	27	-	497	-	196	831	0%
TOTAL FINAL DEMAND SECTORS	14,578	988	27,299	27,496	-	122,671	339	20,427	213,798	89%
TRANSFORMATION										
ELECTRICITY GEN.	1,136	-	-	-	-	25,713	18,199	-17,787	27,261	11%
PETROLEUM PRODUCTS	-63,362	-19,979	-121,135	-91,297	276,224	10,186	-	-	-9,363	-3%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-62,226	-19,979	-121,135	-91,297	276,224	35,899	18,199	-17,787	17,898	7%
TOTAL GROSS FLOWS	15,714	988	27,299	27,496	276,224	158,570	18,538	20,427	241,059	100%
LOSSES & OMISSIONS	-558	3	-46	5,682	-18	1,560	-1	2,064	8,685	4%
TOTAL NET USAGE	-48,206	-18,987	-93,882	-58,118	276,205	160,130	18,536	4,704	240,381	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	484,187	1,500,984	-	-	1,985,171	100%
HYDROELECTRIC	-	-	-	-	-	-	-	83	83	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	271	271	0%
TOTAL SUPPLY	-	-	-	-	484,187	1,500,984	-	354	1,985,525	
NET IMPORTS OF REGION	-48,206	-18,987	-93,882	-58,118	-207,981	-1,340,853	18,536	4,350	-1,745,143	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =60.52%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 123 LUBBOCK TEXAS 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	746	122	-	4,326	-	6,166	-	7,168	18,528	11%
INDUSTRIAL	1,044	167	-	2,227	-	56,178	58	9,618	69,292	43%
TRANSPORTATION	8,184	5	20,548	3,561	-	2,852	-	-	35,150	22%
MISCELLANEOUS USES	55	38	-	22	-	319	-	136	570	0%
TOTAL FINAL DEMAND SECTORS	10,029	332	20,548	10,136	-	65,515	58	16,922	123,540	77%
TRANSFORMATION										
ELECTRICITY GEN.	1,028	-	-	-	-	46,986	-	-14,557	33,457	21%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1,028	-	-	-	-	46,986	-	-14,557	33,457	21%
TOTAL GROSS FLOWS	11,057	332	20,548	10,136	-	112,501	58	16,922	156,997	97%
LOSSES & OMISSIONS	-393	1	-35	2,094	-	1,107	-0	1,710	4,485	3%
TOTAL NET USAGE	10,663	333	20,512	12,230	-	113,608	57	4,075	161,482	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	1,146,868	92,282	-	-	1,239,150	100%
HYDROELECTRIC	-	-	-	-	-	-	-	75	75	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	13	13	0%
TOTAL SUPPLY	-	-	-	-	1,146,868	92,282	-	88	1,239,238	
NET IMPORTS OF REGION	10,663	333	20,512	12,230	-1,146,868	21,326	57	3,987	-1,077,755	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =59.68%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 124 ODESSA TEXAS 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	697	106	-	4,043	-	5,604	-	6,490	16,940	3%
INDUSTRIAL	2,269	1,326	-	12,428	-	405,207	63	9,893	431,186	84%
TRANSPORTATION	7,767	6	19,204	3,817	-	2,666	-	-	33,460	7%
MISCELLANEOUS USES	52	35	-	21	-	292	-	125	525	0%
TOTAL FINAL DEMAND SECTORS	10,785	1,473	19,204	20,309	-	413,769	63	16,508	482,111	94%
TRANSFORMATION										
ELECTRICITY GEN.	1,016	-	-	-	-	34,112	-	-10,638	24,490	5%
PETROLEUM PRODUCTS	-41,932	-13,222	-80,169	-60,421	182,806	6,741	-	-	-6,197	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-40,916	-13,222	-80,169	-60,421	182,806	40,853	-	-10,638	18,293	4%
TOTAL GROSS FLOWS	11,801	1,473	19,204	20,309	182,806	454,622	63	16,508	506,601	99%
LOSSES & OMISSIONS	-419	4	-32	4,197	-11	4,473	-0	1,668	9,879	2%
TOTAL NET USAGE	-30,550	-11,744	-60,997	-35,914	182,794	459,095	62	7,538	510,283	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	2,774,433	2,269,254	-	-	5,043,687	100%
HYDROELECTRIC	-	-	-	-	-	-	-	74	74	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	13	13	0%
TOTAL SUPPLY	-	-	-	-	2,774,433	2,269,254	-	87	5,043,774	
NET IMPORTS OF REGION	-30,550	-11,744	-60,997	-35,914	-2,591,638	-1,810,159	62	7,451	-4,533,490	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =69.72%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 125 ABILENE TEXAS 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	629	104	-	3,847	-	5,232	-	6,172	15,784	10%
INDUSTRIAL	793	234	-	589	-	61,832	29	5,204	69,081	44%
TRANSPORTATION	5,850	5	17,326	1,847	-	2,405	-	-	27,033	17%
MISCELLANEOUS USES	45	37	-	19	-	349	-	149	600	0%
TOTAL FINAL DEMAND SECTORS	7,319	380	17,326	6,302	-	69,818	29	11,525	112,498	72%
TRANSFORMATION										
ELECTRICITY GEN.	663	-	-	-	-	58,842	-	-18,073	41,432	27%
PETROLEUM PRODUCTS	-13,485	-4,252	-25,781	-19,431	58,788	2,168	-	-	-1,993	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-12,822	-4,252	-25,781	-19,431	58,788	61,010	-	-18,073	39,439	25%
TOTAL GROSS FLOWS	7,981	380	17,326	6,102	58,788	130,828	29	11,525	153,930	99%
LOSSES & OMISSIONS	-283	1	-29	1,261	-3	1,287	-0	1,165	3,397	2%
TOTAL NET USAGE	-5,787	-3,870	-8,484	-12,067	58,784	132,115	28	-5,382	155,334	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	883,526	131,466	-	-	1,014,992	100%
HYDROELECTRIC	-	-	-	-	-	-	-	48	48	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	8	8	0%
TOTAL SUPPLY	-	-	-	-	883,526	131,466	-	56	1,015,048	
NET IMPORTS OF REGION	-5,787	-3,870	-8,484	-12,067	-824,741	649	28	-5,438	-859,713	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =69.63%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = C.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 126 SAN ANGELO TEXAS 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	302	45	-	1,755	-	2,427	-	2,817	7,346	16%
INDUSTRIAL	482	88	-	1,002	-	11,648	64	4,022	17,306	38%
TRANSPORTATION	1,855	2	8,335	245	-	1,157	-	-	11,594	26%
MISCELLANEOUS USES	22	18	-	9	-	167	-	71	287	1%
TOTAL FINAL DEMAND SECTORS	2,661	153	8,335	3,011	-	15,399	64	6,910	36,533	81%
TRANSFORMATION										
ELECTRICITY GEN.	422	-	-	-	-	9,849	-	-3,103	7,168	16%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	422	-	-	-	-	9,849	-	-3,103	7,168	16%
TOTAL GROSS FLOWS	3,083	153	8,335	3,011	-	25,248	64	6,910	43,701	97%
LOSSES & OMISSIONS	-109	0	-14	522	-	248	-0	698	1,445	3%
TOTAL NET USAGE	2,973	153	8,320	3,633	-	25,496	63	4,505	45,146	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	89,444	91,265	-	-	180,709	100%
HYDROELECTRIC	-	-	-	-	-	-	-	31	31	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	5	5	0%
TOTAL SUPPLY	-	-	-	-	89,444	91,265	-	36	180,745	
NET IMPORTS OF REGION	2,973	153	8,320	3,633	-89,444	-65,768	63	4,469	-135,598	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =69.79%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 127 DALLAS TEXAS 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	7,583	1,565	-	43,839	-	69,259	-	83,002	205,248	14%
INDUSTRIAL	4,532	2,798	-	45,528	-	338,207	2,152	27,574	420,791	29%
TRANSPORTATION	101,224	588	208,252	155,765	-	28,895	-	-	494,724	35%
MISCELLANEOUS USES	559	344	-	224	-	2,377	-	1,007	4,511	0%
TOTAL FINAL DEMAND SECTORS	113,898	5,295	208,252	245,356	-	438,738	2,152	111,583	1,125,274	79%
TRANSFORMATION										
ELECTRICITY GEN.	5,818	-	-	-	-	341,378	-	-105,354	241,842	17%
PETROLEUM PRODUCTS	-9,606	-3,029	-18,364	-13,841	41,877	1,544	-	-	-1,419	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-3,788	-3,029	-18,364	-13,841	41,877	342,922	-	-105,354	240,423	17%
TOTAL GROSS FLOWS	119,716	5,295	208,252	245,356	41,877	781,660	2,152	111,583	1,367,116	96%
LOSSES & OMISSIONS	-4,257	16	-357	50,709	-2	7,691	-0	11,279	65,079	5%
TOTAL NET USAGE	105,852	2,282	189,530	282,224	41,874	789,351	2,151	17,508	1,430,776	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	298,836	180,126	-	-	478,962	97%
HYDROELECTRIC	-	-	-	-	-	-	-	816	816	0%
NUCLEAR	-	-	-	-	-	-	-	11,698	11,698	2%
GEO.&SOLAR	-	-	-	-	-	-	-	72	72	0%
TOTAL SUPPLY	-	-	-	-	298,836	180,126	-	12,586	491,548	
NET IMPORTS OF REGION	105,852	2,282	189,530	282,224	-256,961	609,225	2,151	4,922	939,228	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =69.66%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 128 KILLEEN-TEMPLE TEXAS 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	966	151	-	5,604	-	7,845	-	9,155	23,721	15%
INDUSTRIAL	957	362	-	1,853	-	19,527	124	4,408	27,231	17%
TRANSPORTATION	8,524	6	26,624	2,346	-	3,696	-	-	41,196	26%
MISCELLANEOUS USES	71	96	-	29	-	1,295	-	553	2,044	1%
TOTAL FINAL DEMAND SECTORS	10,518	615	26,624	9,832	-	32,363	124	14,116	94,192	60%
TRANSFORMATION										
ELECTRICITY GEN.	761	-	-	-	-	67,282	22,008	-32,404	57,647	37%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	761	-	-	-	-	67,282	22,008	-32,404	57,647	37%
TOTAL GROSS FLOWS	11,279	615	26,624	9,832	-	99,645	22,132	14,116	151,839	97%
LOSSES & OMISSIONS	-401	1	-45	2,032	-	980	-1	1,426	3,992	3%
TOTAL NET USAGE	10,877	616	26,578	11,864	-	100,625	22,130	-16,861	155,831	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	4,852	16,548	216,433	-	237,833	100%
HYDROELECTRIC	-	-	-	-	-	-	-	203	203	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	9	9	0%
TOTAL SUPPLY	-	-	-	-	4,852	16,548	216,433	212	238,045	
NET IMPORTS OF REGION	10,877	616	26,578	11,864	-4,852	84,077	-194,302	-17,073	-82,213	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =64.02%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EEA ECONOMIC AREA 129 AUSTIN TEXAS 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	1,591	288	-	9,232	-	13,707	-	16,314	41,126	18%
INDUSTRIAL	1,035	373	-	9,305	-	28,176	868	6,858	46,316	20%
TRANSPORTATION	8,779	8	43,849	1,895	-	6,087	-	-	60,618	27%
MISCELLANEOUS USES	118	116	-	47	-	1,325	-	565	2,171	1%
TOTAL FINAL DEMAND SECTORS	11,524	785	43,849	20,479	-	49,289	868	23,737	150,231	66%
TRANSFORMATION										
ELECTRICITY GEN.	1,263	-	-	-	-	102,757	-	-31,586	72,428	32%
PETROLEUM PRODUCTS	-12,044	-3,798	-23,026	-17,354	52,506	1,936	-	-	-1,780	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-10,781	-3,798	-23,026	-17,354	52,506	104,687	-	-31,586	70,648	31%
TOTAL GROSS FLOWS	12,787	785	43,849	20,479	52,506	153,976	868	23,737	222,659	97%
LOSSES & OMISSIONS	-454	2	-75	4,770	-3	1,515	-6	2,399	7,554	3%
TOTAL NET USAGE	288	-3,010	20,747	6,995	52,502	155,491	867	-5,449	228,433	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	25,305	18,996	137,568	-	181,869	99%
HYDROELECTRIC	-	-	-	-	-	-	-	1,223	1,223	1%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	16	16	0%
TOTAL SUPPLY	-	-	-	-	25,305	18,996	137,568	1,239	183,108	
NET IMPORTS OF REGION	288	-3,010	20,747	6,995	27,197	136,495	-136,700	-6,688	45,325	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =69.63%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EEA ECONOMIC AREA 130 TYLER TEXAS 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	1,551	239	-	8,998	-	12,562	-	14,627	37,977	9%
INDUSTRIAL	1,692	1,158	-	32,293	-	155,772	2,303	12,443	205,661	50%
TRANSPORTATION	10,986	10	42,746	2,241	-	5,933	-	-	61,916	15%
MISCELLANEOUS USES	115	70	-	46	-	477	-	204	912	0%
TOTAL FINAL DEMAND SECTORS	14,344	1,477	42,746	43,578	-	174,744	2,303	27,274	306,466	75%
TRANSFORMATION										
ELECTRICITY GEN.	1,573	-	-	-	-	102,486	43,058	-54,549	92,568	23%
PETROLEUM PRODUCTS	-20,910	-6,593	-39,976	-30,130	91,159	3,361	-	-	-3,089	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-19,337	-6,593	-39,976	-30,130	91,159	105,847	43,058	-54,549	89,479	22%
TOTAL GROSS FLOWS	15,917	1,477	42,746	43,578	91,159	280,591	45,361	27,274	399,034	97%
LOSSES & OMISSIONS	-566	4	-73	9,006	-5	2,761	-3	2,757	13,880	3%
TOTAL NET USAGE	-5,559	-5,111	2,696	22,454	91,153	283,352	45,357	-24,517	409,825	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	1,052,436	341,989	6,486	-	1,400,911	100%
HYDROELECTRIC	-	-	-	-	-	-	-	114	114	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	19	19	0%
TOTAL SUPPLY	-	-	-	-	1,052,436	341,989	6,486	133	1,401,044	
NET IMPORTS OF REGION	-5,559	-5,111	2,696	22,454	-961,282	-58,636	38,871	-24,650	-991,218	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =62.92%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 131 TEXARKANA TEXAS-ARKANSAS 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	950	183	-	4,880	-	7,705	-	6,821	20,539	14%
INDUSTRIAL	2,113	1,268	-	14,346	-	26,558	1,275	7,154	52,715	36%
TRANSPORTATION	7,465	13	22,388	1,903	-	3,176	-	-	34,945	24%
MISCELLANEOUS USES	61	51	-	25	-	476	-	138	751	1%
TOTAL FINAL DEMAND SECTORS	10,589	1,515	22,388	21,154	-	37,915	1,275	14,113	108,950	74%
TRANSFORMATION										
ELECTRICITY GEN.	883	-	-	-	-	10,599	56,569	-33,609	34,392	23%
PETROLEUM PRODUCTS	-9,606	-3,029	-18,364	-13,841	41,877	1,544	-	-	-1,419	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-8,723	-3,029	-18,364	-13,841	41,877	12,143	56,569	-33,609	32,973	22%
TOTAL GROSS FLOWS	11,422	1,515	22,388	21,154	41,877	50,058	57,845	14,113	143,342	97%
LOSSES & OMISSIONS	-406	4	-38	4,372	-2	492	-4	1,426	5,843	4%
TOTAL NET USAGE	11,409	-1,509	3,985	11,685	41,874	50,550	57,840	-18,069	147,766	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	59,345	50,639	7,265	-	117,250	100%
HYDROELECTRIC	-	-	-	-	-	-	-	562	562	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	10	10	0%
TOTAL SUPPLY	-	-	-	-	59,345	50,639	7,266	572	117,822	
NET IMPORTS OF REGION	11,409	-1,509	3,985	11,685	-17,470	-88	50,574	-18,641	29,944	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =50.58%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 132 SHREVEPORT LOUISIANA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	232	10	-	6,067	-	8,353	-	10,001	24,663	10%
INDUSTRIAL	3,468	2,793	-	11,969	-	138,890	483	6,870	164,473	66%
TRANSPORTATION	6,960	86	23,165	5,951	-	4,313	-	-	40,435	16%
MISCELLANEOUS USES	83	35	-	33	-	495	-	250	896	0%
TOTAL FINAL DEMAND SECTORS	10,743	2,884	23,165	24,020	-	152,051	483	17,121	230,467	93%
TRANSFORMATION										
ELECTRICITY GEN.	964	-	-	-	-	18,678	-	-5,928	13,714	6%
PETROLEUM PRODUCTS	-25,223	-7,954	-48,221	-36,343	109,958	4,054	-	-	-3,729	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-24,259	-7,954	-48,221	-36,343	109,958	22,732	-	-5,928	9,985	4%
TOTAL GROSS FLOWS	11,707	2,884	23,165	24,020	109,958	174,783	483	17,121	244,181	98%
LOSSES & OMISSIONS	-416	9	-39	4,964	-7	1,719	-0	1,730	7,960	3%
TOTAL NET USAGE	-13,932	-5,060	-25,095	-7,358	109,950	176,502	482	12,923	248,412	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	185,218	353,061	-	-	538,279	100%
HYDROELECTRIC	-	-	-	-	-	-	-	70	70	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	12	12	0%
TOTAL SUPPLY	-	-	-	-	185,218	353,061	-	82	538,361	
NET IMPORTS OF REGION	-13,932	-5,060	-25,095	-7,358	-75,267	-176,558	482	12,841	-289,948	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =69.82%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 133 MONROE LOUISIANA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	271	10	-	7,099	-	9,032	-	10,622	27,034	10%
INDUSTRIAL	5,719	5,427	-	8,873	-	123,984	300	17,431	162,734	59%
TRANSPORTATION	4,435	34	27,102	1,464	-	5,046	-	-	38,081	14%
MISCELLANEOUS USES	97	40	-	39	-	593	-	299	1,068	0%
TOTAL FINAL DEMAND SECTORS	11,522	5,511	27,102	17,475	-	138,655	300	28,352	228,917	83%
TRANSFORMATION										
ELECTRICITY GEN.	1,759	-	-	-	-	48,740	10,143	-20,685	39,957	14%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1,759	-	-	-	-	48,740	10,143	-20,685	39,957	14%
TOTAL GROSS FLOWS	13,281	5,511	27,102	17,475	-	187,395	10,443	28,352	268,874	97%
LOSSES & OMISSIONS	-472	17	-46	3,611	-	1,844	-0	2,866	7,819	3%
TOTAL NET USAGE	12,808	5,528	27,055	21,086	-	189,239	10,442	10,533	276,693	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	160,584	189,220	-	-	349,804	99%
HYDROELECTRIC	-	-	-	-	-	-	-	128	128	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	1,950	1,950	1%
TOTAL SUPPLY	-	-	-	-	160,584	189,220	-	2,078	351,882	
NET IMPORTS OF REGION	12,808	5,528	27,055	21,086	-160,584	19	10,442	8,455	-75,188	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.89%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 134 GREENVILLE MISSISSIPPI 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	1,659	259	-	6,549	-	9,554	41	9,178	27,240	17%
INDUSTRIAL	4,694	4,520	-	18,131	-	30,422	1,609	6,713	66,089	41%
TRANSPORTATION	10,799	332	29,127	1,738	-	2,701	-	-	44,697	28%
MISCELLANEOUS USES	101	72	-	40	-	517	-	75	805	0%
TOTAL FINAL DEMAND SECTORS	17,253	5,183	29,127	26,458	-	43,194	1,650	15,966	138,831	85%
TRANSFORMATION										
ELECTRICITY GEN.	793	18,700	-	-	-	12,058	-	-11,726	19,825	12%
PETROLEUM PRODUCTS	-22,458	-7,081	-42,935	-32,359	97,904	3,610	-	-	-3,319	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-21,665	11,619	-42,935	-32,359	97,904	15,668	-	-11,726	16,506	10%
TOTAL GROSS FLOWS	18,046	23,883	29,127	26,458	97,904	58,862	1,650	15,966	158,656	98%
LOSSES & OMISSIONS	-641	75	-49	5,468	-6	579	-0	1,613	7,038	4%
TOTAL NET USAGE	-5,053	16,877	-13,857	-432	97,897	59,441	1,649	5,853	162,375	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	65,647	28,702	-	-	94,349	100%
HYDROELECTRIC	-	-	-	-	-	-	-	37	37	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	12	12	0%
TOTAL SUPPLY	-	-	-	-	65,647	28,702	-	49	94,398	
NET IMPORTS OF REGION	-5,053	16,877	-13,857	-432	32,250	30,739	1,649	5,804	67,977	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =62.83%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 135 JACKSON MISSISSIPPI 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	2,004	264	-	7,156	-	10,655	79	13,801	33,959	19%
INDUSTRIAL	1,674	596	-	3,468	-	30,523	4,921	13,525	54,707	30%
TRANSPORTATION	7,032	33	33,054	3,945	-	1,665	-	-	45,779	25%
MISCELLANEOUS USES	127	82	-	51	-	658	-	102	1,020	1%
TOTAL FINAL DEMAND SECTORS	10,837	975	33,054	14,620	-	43,501	5,000	27,428	135,465	75%
TRANSFORMATION										
ELECTRICITY GEN.	1,149	1,390	-	-	-	53,527	-	-17,028	39,038	22%
PETROLEUM PRODUCTS	-1,552	-489	-2,967	-2,236	6,765	249	-	-	-230	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-403	901	-2,967	-2,236	6,765	53,776	-	-17,028	38,808	21%
TOTAL GROSS FLOWS	12,036	2,365	33,054	14,620	6,765	97,277	5,000	27,428	174,503	97%
LOSSES & OMISSIONS	-428	7	-56	3,021	-0	957	-0	2,772	6,273	3%
TOTAL NET USAGE	10,055	1,883	30,030	15,405	6,764	98,234	4,999	13,172	180,546	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	28,845	49,087	-	-	77,932	81%
HYDROELECTRIC	-	-	-	-	-	-	-	8	8	0%
NUCLEAR	-	-	-	-	-	-	-	18,241	18,241	19%
GEO.&SOLAR	-	-	-	-	-	-	-	20	20	0%
TOTAL SUPPLY	-	-	-	-	28,845	49,087	-	18,269	96,201	
NET IMPORTS OF REGION	10,055	1,883	30,030	15,405	-22,080	49,147	4,999	-5,096	84,345	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =69.63%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.28%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 136 MERIDIAN MISSISSIPPI 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	1,406	166	-	5,243	-	7,066	55	9,180	23,116	13%
INDUSTRIAL	3,941	2,758	-	9,675	-	57,436	10,642	11,506	95,958	53%
TRANSPORTATION	4,123	22	24,249	388	-	1,229	-	-	30,011	17%
MISCELLANEOUS USES	94	65	-	38	-	526	-	71	794	0%
TOTAL FINAL DEMAND SECTORS	9,564	3,011	24,249	15,344	-	66,257	10,697	20,757	149,879	83%
TRANSFORMATION										
ELECTRICITY GEN.	892	4,352	-	-	-	6,302	31,550	-14,801	28,305	16%
PETROLEUM PRODUCTS	-16,736	-5,277	-31,997	-24,115	72,962	2,690	-	-	-2,473	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-15,844	-915	-31,997	-24,115	72,962	8,992	31,550	-14,801	25,832	14%
TOTAL GROSS FLOWS	10,456	7,373	24,249	15,344	72,962	75,249	42,247	20,757	178,184	98%
LOSSES & OMISSIONS	-371	23	-41	3,171	-4	740	-3	2,098	5,611	3%
TOTAL NET USAGE	-6,651	2,119	-7,789	-5,599	72,957	75,989	42,243	8,054	181,322	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	145,951	27,051	-	-	173,002	100%
HYDROELECTRIC	-	-	-	-	-	-	-	6	6	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	16	16	0%
TOTAL SUPPLY	-	-	-	-	145,951	27,051	-	22	173,024	
NET IMPORTS OF REGION	-6,651	2,119	-7,789	-5,599	-72,993	48,938	42,243	8,032	8,298	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.66%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 137 MOBILE ALABAMA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	2,169	470	-	9,542	-	13,928	75	17,987	44,171	10%
INDUSTRIAL	8,977	6,402	-	23,606	-	72,607	55,110	27,958	194,660	45%
TRANSPORTATION	9,107	5,336	44,346	590	-	2,289	-	-	61,668	14%
MISCELLANEOUS USES	175	158	-	69	-	1,363	-	107	1,872	0%
TOTAL FINAL DEMAND SECTORS	20,428	12,366	44,346	33,807	-	90,187	55,185	46,052	302,371	71%
TRANSFORMATION										
ELECTRICITY GEN.	2,014	15,699	-	-	-	1,920	181,721	-70,054	131,304	31%
PETROLEUM PRODUCTS	-136,993	-43,196	-261,907	-197,394	597,223	22,022	-	-	-20,245	-4%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-134,979	-27,497	-261,907	-197,394	597,223	23,946	181,721	-70,054	111,059	26%
TOTAL GROSS FLOWS	22,442	28,065	44,346	33,807	597,223	114,133	236,906	46,052	433,675	102%
LOSSES & OMISSIONS	-798	88	-76	6,987	-39	1,123	-19	4,655	11,921	3%
TOTAL NET USAGE	-115,349	-15,042	-217,637	-156,599	597,183	115,256	236,886	-19,346	425,351	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	25,788	15,127	-	-	40,915	98%
HYDROELECTRIC	-	-	-	-	-	-	-	876	876	2%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	36	36	0%
TOTAL SUPPLY	-	-	-	-	25,788	15,127	-	912	41,827	
NET IMPORTS OF REGION	-115,349	-15,042	-217,637	-156,599	571,395	100,129	236,886	-20,258	383,524	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.21%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 138 NEW ORLEANS LOUISIANA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	1,921	138	-	29,753	-	41,410	36	50,197	123,455	7%
INDUSTRIAL	20,528	15,615	-	104,802	-	1,196,852	5,570	50,287	1,393,654	74%
TRANSPORTATION	39,282	21,143	116,192	26,730	-	19,598	-	-	222,945	12%
MISCELLANEOUS USES	422	185	-	169	-	1,670	-	751	3,197	0%
TOTAL FINAL DEMAND SECTORS	62,153	37,081	116,192	161,454	-	1,259,530	5,606	101,235	1,743,251	92%
TRANSFORMATION										
ELECTRICITY GEN.	5,848	385	-	-	-	254,228	20,668	-90,029	191,100	10%
PETROLEUM PRODUCTS	-650,304	-205,051	-1,243,263	-937,023	2,834,997	104,540	-	-	-96,104	-4%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-644,456	-204,666	-1,243,263	-937,023	2,834,997	358,768	20,668	-90,029	94,996	5%
TOTAL GROSS FLOWS	68,001	37,466	116,192	161,454	2,834,997	1,618,298	26,274	101,235	1,934,351	102%
LOSSES & OMISSIONS	-2,418	118	-199	33,368	-185	15,924	-2	10,233	56,839	3%
TOTAL NET USAGE	-584,721	-167,466	-1,127,270	-742,200	2,834,811	1,634,222	26,271	21,439	1,895,086	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	2,552,699	3,177,537	-	-	5,730,236	100%
HYDROELECTRIC	-	-	-	-	-	-	-	404	404	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	74	74	0%
TOTAL SUPPLY	-	-	-	-	2,552,699	3,177,537	-	478	5,730,714	
NET IMPORTS OF REGION	-584,721	-167,466	-1,127,270	-742,200	282,112	-1,543,314	26,271	20,961	-3,835,627	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.98%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 139 LAKE CHARLES LOUISIANA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	347	12	-	9,083	-	1[illegible],416	-	13,377	34,235	3%
INDUSTRIAL	13,367	9,843	-	56,451	-	785,892	235	28,157	893,945	83%
TRANSPORTATION	8,241	2,784	34,677	18,353	-	6,456	-	-	70,511	7%
MISCELLANEOUS USES	125	53	-	50	-	1,028	-	518	1,774	0%
TOTAL FINAL DEMAND SECTORS	22,080	12,692	34,677	83,937	-	804,792	235	42,052	1,000,465	93%
TRANSFORMATION										
ELECTRICITY GEN.	2,670	-	-	-	-	91,604	-	-28,553	65,721	6%
PETROLEUM PRODUCTS	-132,911	-41,908	-254,102	-191,512	579,424	21,367	-	-	-19,642	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-130,241	-41,908	-254,102	-191,512	579,424	112,971	-	-28,553	46,079	4%
TOTAL GROSS FLOWS	24,750	12,692	34,677	83,937	579,424	917,763	235	42,052	1,066,136	99%
LOSSES & OMISSIONS	-880	40	-59	17,347	-37	9,030	-0	4,250	29,692	3%
TOTAL NET USAGE	-109,041	-29,175	-219,484	-90,227	579,386	926,793	234	17,749	1,076,236	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	1,387,529	3,373,632	-	-	4,761,161	100%
HYDROELECTRIC	-	-	-	-	-	-	-	194	194	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	33	33	0%
TOTAL SUPPLY	-	-	-	-	1,387,529	3,373,632	-	227	4,761,388	
NET IMPORTS OF REGION	-109,041	-29,175	-219,484	-90,227	-808,142	-2,446,838	234	17,522	-3,685,151	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =69.71%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 140 BEAUMONT-PORT ARTHUR-ORANGE TEXAS 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	1,050	140	-	6,091	-	8,092	-	9,289	24,662	7%
INDUSTRIAL	3,396	5,846	-	130,143	-	96,476	564	19,190	255,615	74%
TRANSPORTATION	8,999	7,800	28,930	1,243	-	4,016	-	-	50,988	15%
MISCELLANEOUS USES	78	44	-	31	-	267	-	114	534	0%
TOTAL FINAL DEMAND SECTORS	13,523	13,830	28,930	137,508	-	108,851	564	28,593	331,799	96%
TRANSFORMATION										
ELECTRICITY GEN.	1,816	-	-	-	-	76,540	-	-23,751	54,605	16%
PETROLEUM PRODUCTS	-501,977	-158,281	-959,690	-723,300	2,188,367	80,696	-	-	-74,185	-20%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-500,161	-158,281	-959,690	-723,300	2,188,367	157,236	-	-23,751	-19,580	-5%
TOTAL GROSS FLOWS	15,339	13,830	28,930	137,508	2,188,367	266,087	564	28,593	386,404	112%
LOSSES & OMISSIONS	-545	43	-49	28,419	-143	2,618	-0	2,890	33,233	10%
TOTAL NET USAGE	-487,183	-144,407	-930,809	-557,372	2,188,223	268,705	563	7,732	345,452	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	114,521	155,632	-	-	270,153	100%
HYDROELECTRIC	-	-	-	-	-	-	-	132	132	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	22	22	0%
TOTAL SUPPLY	-	-	-	-	114,521	155,632	-	154	270,307	
NET IMPORTS OF REGION	-487,183	-144,407	-930,809	-557,372	2,073,702	113,073	563	7,578	75,145	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =69.69%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 141 HOUSTON TEXAS 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	6,870	1,338	-	39,857	-	61,009	-	73,015	182,089	8%
INDUSTRIAL	10,119	9,617	-	204,286	-	1,137,509	3,357	58,044	1,422,932	65%
TRANSPORTATION	74,351	30,921	189,326	49,129	-	26,280	-	-	370,007	17%
MISCELLANEOUS USES	508	301	-	204	-	1,855	-	791	3,659	0%
TOTAL FINAL DEMAND SECTORS	91,848	42,177	189,326	293,476	-	1,226,653	3,357	131,850	1,978,687	90%
TRANSFORMATION										
ELECTRICITY GEN.	7,555	-	-	-	-	332,979	46,312	-127,903	258,943	12%
PETROLEUM PRODUCTS	-803,091	-253,227	-1,535,365	-1,157,175	3,501,073	129,102	-	-	-118,683	-4%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-795,536	-253,227	-1,535,365	-1,157,175	3,501,073	462,081	46,312	-127,903	140,260	6%
TOTAL GROSS FLOWS	99,403	42,177	189,326	293,476	3,501,073	1,688,734	49,669	131,850	2,237,630	101%
LOSSES & OMISSIONS	-3,534	133	-324	60,654	-229	16,617	-4	13,328	86,640	4%
TOTAL NET USAGE	-707,222	-210,916	-1,346,363	-803,044	3,500,843	1,705,351	49,664	17,275	2,205,587	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	1,239,828	1,309,698	-	-	2,549,526	99%
HYDROELECTRIC	-	-	-	-	-	-	-	550	550	0%
NUCLEAR	-	-	-	-	-	-	-	12,715	12,715	0%
GEO.&SOLAR	-	-	-	-	-	-	-	2,150	2,150	0%
TOTAL SUPPLY	-	-	-	-	1,239,828	1,309,698	-	15,415	2,564,941	
NET IMPORTS OF REGION	-707,222	-210,916	-1,346,363	-803,044	2,261,015	395,653	49,664	1,860	-359,353	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.94%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 142 SAN ANTONIO TEXAS 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	3,022	501	-	17,532	-	25,158	-	29,543	75,756	15%
INDUSTRIAL	1,929	918	-	23,053	-	108,274	1,569	13,668	149,411	30%
TRANSPORTATION	22,465	15	83,280	13,344	-	11,560	-	-	130,664	26%
MISCELLANEOUS USES	223	266	-	90	-	3,385	-	1,444	5,408	1%
TOTAL FINAL DEMAND SECTORS	27,639	1,700	83,280	54,019	-	148,377	1,569	44,655	361,239	73%
TRANSFORMATION										
ELECTRICITY GEN.	2,407	-	-	-	-	134,463	41,834	-63,839	114,865	23%
PETROLEUM PRODUCTS	-1,707	-538	-3,263	-2,459	7,441	274	-	-	-252	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	700	-538	-3,263	-2,459	7,441	134,737	41,834	-63,839	114,613	23%
TOTAL GROSS FLOWS	30,046	1,700	83,280	54,019	7,441	283,114	43,403	44,655	476,104	97%
LOSSES & OMISSIONS	-1,068	5	-142	11,164	-0	2,785	-3	4,514	17,254	3%
TOTAL NET USAGE	27,270	1,167	79,874	62,724	7,440	285,899	43,399	-14,669	493,106	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	320,437	336,010	-	-	656,447	100%
HYDROELECTRIC	-	-	-	-	-	-	-	588	588	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	30	30	0%
TOTAL SUPPLY	-	-	-	-	320,437	336,010	-	618	657,065	
NET IMPORTS OF REGION	27,270	1,167	79,874	62,724	-312,996	-50,110	43,399	-15,287	-163,958	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =64.28%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EEA ECONOMIC AREA 143 CORPUS CHRISTI TEXAS 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	1,249	192	-	7,247	-	10,105	-	11,680	30,473	9%
INDUSTRIAL	4,639	1,297	-	28,614	-	183,975	933	10,333	226,791	65%
TRANSPORTATION	10,928	689	34,424	4,269	-	4,778	-	-	55,088	16%
MISCELLANEOUS USES	92	87	-	37	-	946	-	405	1,567	0%
TOTAL FINAL DEMAND SECTORS	18,908	2,265	34,424	40,167	-	199,804	933	22,418	313,919	90%
TRANSFORMATION										
ELECTRICITY GEN.	7,297	-	-	-	-	78,854	-	-24,323	55,828	16%
PETROLEUM PRODUCTS	-218,800	-68,992	-418,306	-315,269	953,859	35,174	-	-	-32,334	-8%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-211,503	-68,992	-418,306	-315,269	953,859	114,028	-	-24,323	23,494	7%
TOTAL GROSS FLOWS	15,205	2,265	34,424	40,167	953,859	313,832	933	22,418	369,747	106%
LOSSES & OMISSIONS	-540	7	-59	8,301	-62	3,088	-0	2,266	13,000	4%
TOTAL NET USAGE	-204,135	-66,719	-383,941	-266,800	953,795	316,920	932	361	350,413	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	854,996	1,580,172	-	-	2,435,168	100%
HYDROELECTRIC	-	-	-	-	-	-	-	94	94	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	16	16	0%
TOTAL SUPPLY	-	-	-	-	854,996	1,580,172	-	110	2,435,278	
NET IMPORTS OF REGION	-204,135	-66,719	-383,941	-266,800	98,800	-1,263,251	932	251	-2,084,854	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =69.65%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	839	118	-	4,869	-	6,586	-	7,496	19,908	17%
INDUSTRIAL	571	104	-	1,562	-	20,551	42	5,499	28,329	24%
TRANSPORTATION	4,045	380	23,128	17,976	-	3,210	-	-	48,739	42%
MISCELLANEOUS USES	62	42	-	25	-	324	-	138	591	1%
TOTAL FINAL DEMAND SECTORS	5,517	644	23,128	24,432	-	30,671	42	13,133	97,567	84%
TRANSFORMATION										
ELECTRICITY GEN.	763	-	-	-	-	16,161	-	-5,111	11,813	10%
PETROLEUM PRODUCTS	-2,018	-636	-3,858	-2,908	8,797	324	-	-	-299	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-1,255	-636	-3,858	-2,908	8,797	16,485	-	-5,111	11,514	10%
TOTAL GROSS FLOWS	6,280	644	23,128	24,432	8,797	47,156	42	13,133	109,380	95%
LOSSES & OMISSIONS	-223	2	-39	5,049	-0	464	-0	1,327	6,579	6%
TOTAL NET USAGE	4,038	10	19,230	26,573	8,796	47,620	41	9,349	115,660	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	100,331	252,264	-	-	352,595	100%
HYDROELECTRIC	-	-	-	-	-	-	-	216	216	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	9	9	0%
TOTAL SUPPLY	-	-	-	-	100,331	252,264	-	225	352,820	
NET IMPORTS OF REGION	4,038	10	19,230	26,573	-91,534	-204,643	41	9,124	-237,159	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =69.80%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.28%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 145 EL PASO TEXAS 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	1,743	143	-	8,796	-	14,582	55	13,759	39,078	20%
INDUSTRIAL	1,391	779	-	12,025	-	42,513	2,909	4,702	64,319	32%
TRANSPORTATION	17,353	8	44,443	5,311	-	4,274	-	-	71,389	36%
MISCELLANEOUS USES	99	79	-	39	-	1,629	-	633	2,479	1%
TOTAL FINAL DEMAND SECTORS	20,586	1,009	44,443	26,171	-	62,998	2,964	19,094	177,265	89%
TRANSFORMATION										
ELECTRICITY GEN.	856	-	-	-	-	30,463	-	-8,409	22,910	12%
PETROLEUM PRODUCTS	-58,311	-18,387	-111,480	-84,019	254,206	9,374	-	-	-8,617	-3%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-57,455	-18,387	-111,480	-84,019	254,205	39,837	-	-8,409	14,293	7%
TOTAL GROSS FLOWS	21,442	1,009	44,443	26,171	254,205	102,835	2,964	19,094	200,175	101%
LOSSES & OMISSIONS	-762	3	-76	5,408	-15	1,011	-0	1,930	7,493	4%
TOTAL NET USAGE	-37,631	-17,374	-67,113	-52,439	254,189	103,846	2,963	12,615	199,055	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	562,872	792,382	-	-	1,355,254	100%
HYDROELECTRIC	-	-	-	-	-	-	-	233	233	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	9	9	0%
TOTAL SUPPLY	-	-	-	-	562,872	792,382	-	242	1,355,496	
NET IMPORTS OF REGION	-37,631	-17,374	-67,113	-52,439	-308,682	-688,535	2,963	12,373	-1,156,439	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTEICITY GEN. =73.15%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	1,852	42	-	7,895	-	18,694	119	15,464	44,066	31%
INDUSTRIAL	332	125	-	1,048	-	5,579	1,978	757	9,819	7%
TRANSPORTATION	15,382	1	43,268	11,169	-	1,897	-	-	72,717	51%
MISCELLANEOUS USES	72	34	-	29	-	1,432	-	518	2,085	1%
TOTAL FINAL DEMAND SECTORS	18,638	202	43,268	20,141	-	27,602	2,097	16,739	128,687	90%
TRANSFORMATION										
ELECTRICITY GEN.	11	-	-	-	-	13,433	-	-3,305	10,139	7%
PETROLEUM PRODUCTS	-6,650	-2,097	-12,714	-9,582	28,991	1,069	-	-	-983	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-6,639	-2,097	-12,714	-9,582	28,991	14,502	-	-3,305	9,156	6%
TOTAL GROSS FLOWS	18,649	202	43,268	20,141	28,991	42,104	2,097	16,739	138,826	97%
LOSSES & OMISSIONS	-663	0	-74	4,162	-1	414	-0	1,692	5,530	4%
TOTAL NET USAGE	11,335	-1,894	30,479	14,721	28,989	42,518	2,096	15,126	143,373	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	52,444	216,829	11,674	-	280,947	100%
HYDROELECTRIC	-	-	-	-	-	-	-	-	-	
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	3	3	0%
TOTAL SUPPLY	-	-	-	-	52,444	216,829	11,674	3	280,950	
NET IMPORTS OF REGION	11,335	-1,894	30,479	14,721	-23,454	-174,310	-9,577	15,123	-137,576	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =75.42%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	2,115	260	-	6,413	-	21,502	139	10,471	40,900	26%
INDUSTRIAL	5,550	2,463	-	3,169	-	7,941	14,188	1,957	35,268	22%
TRANSPORTATION	4,128	1	31,148	4,065	-	1,524	-	-	40,866	26%
MISCELLANEOUS USES	58	134	-	23	-	4,179	-	743	5,137	3%
TOTAL FINAL DEMAND SECTORS	11,851	2,858	31,148	13,670	-	35,146	14,327	13,171	122,171	78%
TRANSFORMATION										
ELECTRICITY GEN.	14	-	-	-	-	5,467	42,698	-17,417	30,762	20%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	14	-	-	-	-	5,467	42,698	-17,417	30,762	20%
TOTAL GROSS FLOWS	11,865	2,858	31,148	13,670	-	40,613	57,025	13,171	152,933	97%
LOSSES & OMISSIONS	-421	9	-53	2,825	-	399	-4	1,331	4,085	3%
TOTAL NET USAGE	11,443	2,867	31,094	16,495	-	41,012	57,020	-2,914	157,018	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	6,294	10,733	81,716	-	98,743	100%
HYDROELECTRIC	-	-	-	-	-	-	-	-	-	
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	3	3	0%
TOTAL SUPPLY	-	-	-	-	6,294	10,733	81,716	3	98,746	
NET IMPORTS OF REGION	11,443	2,867	31,094	16,495	-6,294	30,279	-24,695	-2,917	58,272	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTFICITY GEN. =63.85%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 148 DENVER COLORADO 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	8,008	1,286	-	24,160	-	92,525	521	46,615	173,115	29%
INDUSTRIAL	15,487	5,171	-	12,443	-	55,198	12,369	6,226	107,894	18%
TRANSPORTATION	20,693	6	117,252	85,514	-	5,737	-	-	229,202	39%
MISCELLANEOUS USES	218	230	-	87	-	5,499	-	978	7,012	1%
TOTAL FINAL DEMAND SECTORS	44,406	7,693	117,252	122,204	-	158,959	12,890	53,819	517,223	87%
TRANSFORMATION										
ELECTRICITY GEN.	250	-	-	-	-	14,325	59,362	-25,901	48,036	8%
PETROLEUM PRODUCTS	-17,870	-6,699	-58,568	-20,272	96,575	3,561	-	-	-3,273	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-17,620	-6,699	-58,568	-20,272	96,575	17,886	59,362	-25,901	44,763	8%
TOTAL GROSS FLOWS	44,656	1,693	117,252	122,204	96,575	176,845	72,252	53,819	565,259	95%
LOSSES & OMISSIONS	-1,587	24	-201	25,256	-6	1,740	-5	5,440	30,660	5%
TOTAL NET USAGE	25,198	1,018	58,482	127,188	96,568	178,585	72,246	33,358	592,646	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	88,921	69,810	42,457	-	201,188	95%
HYDROELECTRIC	-	-	-	-	-	-	-	2,956	2,956	1%
NUCLEAR	-	-	-	-	-	-	-	6,888	6,888	3%
GEO.&SOLAR	-	-	-	-	-	-	-	10	10	0%
TOTAL SUPPLY	-	-	-	-	88,921	69,810	42,457	9,854	211,042	
NET IMPORTS OF REGION	25,198	1,018	58,482	127,188	7,647	108,775	29,789	23,504	381,604	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =64.97%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 149 GRAND JUNCTION COLORADO 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	1,060	120	-	3,201	-	10,090	68	5,321	19,860	11%
INDUSTRIAL	3,880	928	-	2,907	-	13,949	819	1,323	23,806	14%
TRANSPORTATION	3,563	1	16,035	326	-	760	-	-	20,685	12%
MISCELLANEOUS USES	29	26	-	11	-	612	-	129	807	0%
TOTAL FINAL DEMAND SECTORS	8,532	1,075	16,035	6,445	-	25,411	887	6,773	65,158	38%
TRANSFORMATION										
ELECTRICITY GEN.	12	-	-	-	-	2,099	169,215	-64,214	107,112	62%
PETROLEUM PRODUCTS	-9,052	-3,033	-21,394	-12,127	42,591	1,571	-	-	-1,444	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-9,040	-3,033	-21,394	-12,127	42,591	3,670	169,215	-64,214	105,668	61%
TOTAL GROSS FLOWS	8,544	1,075	16,035	6,445	42,591	29,081	170,102	6,773	172,270	100%
LOSSES & OMISSIONS	-303	3	-27	1,332	-2	286	-13	684	1,958	1%
TOTAL NET USAGE	-811	-1,954	-5,386	-4,349	42,538	29,367	170,088	-56,756	172,784	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	313,363	636,203	625,943	-	1,575,509	100%
HYDROELECTRIC	-	-	-	-	-	-	-	1,946	1,946	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	1	1	0%
TOTAL SUPPLY	-	-	-	-	313,363	636,203	625,943	1,947	1,577,456	
NET IMPORTS OF REGION	-811	-1,954	-5,386	-4,349	-270,774	-606,835	-455,854	-58,703	-1,404,671	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =62.52%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 150 CHEYENNE WYOMING 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	2,594	571	-	3,052	-	10,953	73	6,846	24,089	9%
INDUSTRIAL	11,295	4,144	-	12,330	-	123,206	5,209	3,175	159,359	61%
TRANSPORTATION	21,287	68	21,062	465	-	681	-	-	43,563	17%
MISCELLANEOUS USES	25	145	-	10	-	1,312	-	82	1,574	1%
TOTAL FINAL DEMAND SECTORS	35,201	4,928	21,062	15,857	-	136,152	5,282	10,103	228,585	87%
TRANSFORMATION										
ELECTRICITY GEN.	-	-	-	-	-	3,486	58,750	-22,970	39,266	15%
PETROLEUM PRODUCTS	-52,739	-19,771	-172,851	-59,827	285,019	10,510	-	-	-9,659	-3%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-52,739	-19,771	-172,851	-59,827	285,019	13,996	58,750	-22,970	29,607	11%
TOTAL GROSS FLOWS	35,201	4,928	21,062	15,857	285,019	150,148	64,032	10,103	267,851	102%
LOSSES & OMISSIONS	-1,251	15	-36	3,277	-18	1,477	-5	1,021	4,479	2%
TOTAL NET USAGE	-18,789	-14,827	-151,825	-40,692	285,000	151,625	64,026	-11,845	262,671	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	404,373	191,460	1,180,689	-	1,776,522	100%
HYDROELECTRIC	-	-	-	-	-	-	-	1,615	1,615	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	3	3	0%
TOTAL SUPPLY	-	-	-	-	404,373	191,460	1,180,689	1,618	1,778,140	
NET IMPORTS OF REGION	-18,789	-14,827	-151,825	-40,692	-119,372	-39,834	-1,116,662	-13,463	-1,515,468	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =63.09%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 151 SALT LAKE CITY UTAH 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	10,183	1,543	-	15,220	-	41,549	472	24,326	93,293	18%
INDUSTRIAL	22,775	12,111	-	16,780	-	73,231	25,909	8,479	159,285	31%
TRANSPORTATION	38,353	28	79,391	19,314	-	3,474	-	-	141,060	27%
MISCELLANEOUS USES	132	325	-	53	-	2,572	-	802	3,884	1%
TOTAL FINAL DEMAND SECTORS	71,443	14,007	79,391	51,367	-	120,826	26,381	33,607	397,522	77%
TRANSFORMATION										
ELECTRICITY GEN.	2	-	-	-	-	10,629	176,104	-68,895	117,840	23%
PETROLEUM PRODUCTS	-50,690	-19,003	-166,134	-57,502	273,942	10,701	-	-	-9,286	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-50,688	-19,003	-166,134	-57,502	273,942	20,730	176,104	-68,895	108,554	21%
TOTAL GROSS FLOWS	71,445	14,007	79,891	51,367	273,942	141,556	202,485	33,607	515,362	99%
LOSSES & OMISSIONS	-2,540	44	-137	10,616	-17	1,392	-16	3,397	12,738	2%
TOTAL NET USAGE	18,214	-4,951	-86,380	4,481	273,924	142,948	202,468	-31,890	518,814	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	212,410	244,777	933,490	-	1,390,677	100%
HYDROELECTRIC	-	-	-	-	-	-	-	1,868	1,868	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	9	9	0%
TOTAL SUPPLY	-	-	-	-	212,410	244,777	933,490	1,877	1,392,554	
NET IMPORTS OF REGION	18,214	-4,951	-86,380	4,481	61,514	-101,828	-731,021	-33,767	-873,739	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =63.71%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EEA ECONOMIC AREA 152 IDAHO FALLS IDAHO 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	6,976	226	-	4,390	-	5,745	57	12,361	29,755	29%
INDUSTRIAL	3,119	2,168	-	3,042	-	8,073	4,628	11,474	32,504	32%
TRANSPORTATION	6,982	-	20,405	683	-	890	-	-	28,960	28%
MISCELLANEOUS USES	34	35	-	13	-	336	-	116	534	1%
TOTAL FINAL DEMAND SECTORS	17,111	2,429	20,405	8,128	-	15,044	4,685	23,951	91,753	89%
TRANSFORMATION										
ELECTRICITY GEN.	-	-	-	-	-	10,110	-	-2,477	7,633	7%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-	-	-	-	-	10,110	-	-2,477	7,633	7%
TOTAL GROSS FLOWS	17,111	2,429	20,405	8,128	-	25,154	4,685	23,951	99,386	96%
LOSSES & OMISSIONS	-608	7	-35	1,679	-	247	-0	2,421	3,712	4%
TOTAL NET USAGE	16,502	2,436	20,369	9,807	-	25,401	4,684	23,895	103,098	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	5,342	5,342	100%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	8	8	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	5,350	5,350	
NET IMPORTS OF REGION	16,502	2,436	20,369	9,807	-	25,401	4,684	18,545	97,748	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =75.50%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 153 BUTTE MONTANA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	2,482	172	-	3,051	-	9,952	184	5,362	21,203	18%
INDUSTRIAL	5,915	3,854	-	1,688	-	19,209	5,693	17,372	53,731	46%
TRANSPORTATION	10,321	4	16,247	470	-	684	-	-	27,726	24%
MISCELLANEOUS USES	26	37	-	10	-	762	-	67	902	1%
TOTAL FINAL DEMAND SECTORS	18,744	4,067	16,247	5,219	-	30,607	5,877	22,801	103,562	89%
TRANSFORMATION										
ELECTRICITY GEN.	-	-	-	-	-	12,648	-	-3,099	9,549	8%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-	-	-	-	-	12,648	-	-3,099	9,549	8%
TOTAL GROSS FLOWS	18,744	4,067	16,247	5,219	-	43,255	5,877	22,801	113,111	97%
LOSSES & OMISSIONS	-666	12	-27	1,078	-	-425	-0	2,304	3,127	3%
TOTAL NET USAGE	18,077	4,079	16,219	6,297	-	43,680	5,876	22,006	116,238	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	12,622	12,622	100%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	10	10	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	12,632	12,632	
NET IMPORTS OF REGION	18,077	4,079	16,219	6,297	-	43,680	5,876	9,374	103,605	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =75.50%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	11,981	2,832	-	7,307	-	13,770	34	21,726	57,650	23%
INDUSTRIAL	8,378	4,053	-	8,229	-	20,052	8,011	34,980	83,703	34%
TRANSPORTATION	10,595	19	57,602	5,242	-	1,817	-	-	75,275	30%
MISCELLANEOUS USES	123	511	-	49	-	773	-	319	1,775	1%
TOTAL FINAL DEMAND SECTORS	31,077	7,415	57,602	20,827	-	36,412	8,045	57,025	218,403	88%
TRANSFORMATION										
ELECTRICITY GEN.	494	-	-	-	-	28,165	-	-8,641	20,018	8%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	494	-	-	-	-	28,165	-	-8,641	20,018	8%
TOTAL GROSS FLOWS	31,571	7,415	57,602	20,827	-	64,577	8,045	57,025	238,421	96%
LOSSES & OMISSIONS	-1,122	23	-98	4,304	-	635	-0	5,764	9,505	4%
TOTAL NET USAGE	30,448	7,438	57,503	25,131	-	65,212	8,044	54,148	247,926	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	307,680	307,680	100%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	34	34	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	307,714	307,714	
NET IMPORTS OF REGION	30,448	7,438	57,503	25,131	-	65,212	8,044	-253,565	-59,787	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =69.85%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASCLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	36,164	13,251	-	21,806	-	51,359	12	74,530	197,122	23%
INDUSTRIAL	16,274	34,334	-	29,222	-	95,333	3,855	51,156	232,674	28%
TRANSPORTATION	32,618	2,248	207,029	81,415	-	5,919	-	-	329,229	39%
MISCELLANEOUS USES	467	2,532	-	187	-	2,913	-	1,266	7,365	1%
TOTAL FINAL DEMAND SECTORS	87,523	52,365	207,029	132,630	-	156,024	3,867	126,952	766,390	91%
TRANSFORMATION										
ELECTRICITY GEN.	7,334	763	-	-	-	61,286	32,036	-30,146	65,273	8%
PETROLEUM PRODUCTS	-208,642	-76,888	-303,697	-216,439	752,413	27,746	-	-	-25,507	-2%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-201,308	-76,125	-303,697	-216,439	752,413	89,032	32,036	-30,146	39,766	5%
TOTAL GROSS FLOWS	88,857	53,128	207,029	132,630	752,413	245,056	35,903	126,952	831,663	98%
LOSSES & OMISSIONS	-3,159	167	-355	27,411	-49	2,411	-2	12,833	39,256	5%
TOTAL NET USAGE	-122,944	-23,592	-97,023	-56,397	752,363	247,467	35,900	109,639	845,412	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	21,233	-	21,233	29%
HYDROELECTRIC	-	-	-	-	-	-	-	50,850	50,850	70%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	80	80	0%
TOTAL SUPPLY	-	-	-	-	-	-	21,233	50,930	72,163	
NET IMPORTS OF REGION	-122,944	-23,592	-97,023	-56,397	752,363	247,467	14,667	58,709	773,249	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.41%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	6,005	2,213	-	3,689	-	8,364	4	12,061	32,336	22%
INDUSTRIAL	4,391	2,535	-	7,298	-	15,920	288	16,291	46,723	32%
TRANSPORTATION	6,621	21	36,305	531	-	1,002	-	-	44,480	30%
MISCELLANEOUS USES	79	345	-	32	-	336	-	127	919	1%
TOTAL FINAL DEMAND SECTORS	17,096	5,114	36,305	11,550	-	25,622	292	28,479	124,458	84%
TRANSFORMATION										
ELECTRICITY GEN.	-	-	-	-	-	14,226	13,348	-8,729	18,845	13%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-	-	-	-	-	14,226	13,348	-8,729	18,845	13%
TOTAL GROSS FLOWS	17,096	5,114	36,305	11,550	-	39,848	13,640	28,479	143,303	97%
LOSSES & OMISSIONS	-607	16	-62	2,387	-	392	-1	2,878	5,002	3%
TOTAL NET USAGE	16,488	5,130	36,242	13,937	-	40,240	13,638	22,628	148,305	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	58,610	58,610	95%
NUCLEAR	-	-	-	-	-	-	-	2,983	2,983	5%
GEO.&SOLAR	-	-	-	-	-	-	-	18	18	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	61,611	61,611	
NET IMPORTS OF REGION	16,488	5,130	36,242	13,937	-	40,240	13,638	-38,982	86,694	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.34%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	25,667	14,172	-	16,536	-	36,981	30	54,658	148,044	20%
INDUSTRIAL	19,723	31,275	-	24,488	-	93,355	6,684	77,940	253,465	34%
TRANSPORTATION	62,647	1,002	176,523	23,516	-	4,507	-	-	268,195	36%
MISCELLANEOUS USES	356	1,632	-	143	-	1,125	-	225	3,481	0%
TOTAL FINAL DEMAND SECTORS	108,393	48,081	176,523	64,683	-	135,968	6,714	132,823	673,185	90%
TRANSFORMATION										
ELECTRICITY GEN.	5,634	1,330	-	-	-	66,622	934	-23,343	51,177	7%
PETROLEUM PRODUCTS	-7,875	-2,902	-11,463	-8,170	28,400	1,047	-	-	-963	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-2,241	-1,572	-11,463	-8,170	28,400	67,669	934	-23,343	50,214	7%
TOTAL GROSS FLOWS	114,027	49,411	176,523	54,683	28,400	203,637	7,648	132,823	724,362	97%
LOSSES & OMISSIONS	-4,054	155	-302	13,368	-1	2,003	-0	13,426	24,596	3%
TOTAL NET USAGE	102,097	46,664	164,757	59,881	28,398	205,640	7,647	122,906	747,995	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	128,337	128,337	98%
NUCLEAR	-	-	-	-	-	-	-	3,065	3,065	2%
GEO.&SOLAR	-	-	-	-	-	-	-	87	87	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	131,489	131,489	
NET IMPORTS OF REGION	102,097	46,664	164,757	59,881	28,398	205,640	7,647	-8,582	616,504	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.68%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 158 EUGENE OREGON 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	8,029	3,635	-	5,227	-	10,946	10	15,529	43,376	23%
INDUSTRIAL	6,470	3,969	-	4,583	-	21,648	516	12,773	49,959	27%
TRANSPORTATION	18,392	187	56,739	844	-	1,426	-	-	77,588	42%
MISCELLANEOUS USES	113	576	-	45	-	372	-	56	1,162	1%
TOTAL FINAL DEMAND SECTORS	33,004	8,367	56,739	10,699	-	34,392	526	28,358	172,085	92%
TRANSFORMATION										
ELECTRICITY GEN.	-	470	-	-	-	13,820	-	-4,519	9,771	5%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-	470	-	-	-	13,820	-	-4,519	9,771	5%
TOTAL GROSS FLOWS	33,004	8,837	56,739	10,699	-	48,212	526	28,358	181,856	98%
LOSSES & OMISSIONS	-1,173	27	-97	2,211	-	474	-0	2,866	4,309	2%
TOTAL NET USAGE	31,830	8,864	56,641	12,910	-	48,686	525	26,705	186,165	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	14,170	14,170	100%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	18	18	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	14,188	14,188	
NET IMPORTS OF REGION	31,830	8,864	56,641	12,910	-	48,686	525	12,517	171,977	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.38%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	6,161	368	-	3,860	-	5,249	46	10,952	26,635	35%
INDUSTRIAL	1,545	305	-	513	-	4,037	1,653	6,179	14,232	19%
TRANSPORTATION	5,945	2	19,560	490	-	801	-	-	26,793	35%
MISCELLANEOUS USES	33	80	-	13	-	455	-	158	739	1%
TOTAL FINAL DEMAND SECTORS	13,684	755	19,560	4,876	-	10,542	1,699	17,289	68,405	90%
TRANSFORMATION										
ELECTRICITY GEN.	-	-	-	-	-	6,492	-	-1,623	4,869	6%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-	-	-	-	-	6,492	-	-1,623	4,869	6%
TOTAL GROSS FLOWS	13,684	755	19,560	4,876	-	17,034	1,699	17,289	73,274	97%
LOSSES & OMISSIONS	-486	2	-33	1,007	-	167	-0	1,747	2,405	3%
TOTAL NET USAGE	13,197	757	19,526	5,883	-	17,201	1,698	17,413	75,679	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	5,766	5,766	100%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	6	6	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	5,772	5,772	
NET IMPORTS OF REGION	13,197	757	19,526	5,883	-	17,201	1,698	11,641	69,907	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =75.00%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 160 RENO NEVADA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	2,993	102	-	3,533	-	5,272	50	12,075	24,025	23%
INDUSTRIAL	3,117	926	-	735	-	11,992	3,682	4,227	24,679	24%
TRANSPORTATION	3,699	-	20,574	5,980	-	789	-	-	31,042	30%
MISCELLANEOUS USES	30	23	-	12	-	274	-	126	465	0%
TOTAL FINAL DEMAND SECTORS	9,839	1,051	20,574	10,260	-	18,327	3,732	16,428	80,211	78%
TRANSFORMATION										
ELECTRICITY GEN.	1	-	-	-	-	17,248	9,163	-7,690	18,722	18%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1	-	-	-	-	17,248	9,163	-7,690	18,722	18%
TOTAL GROSS FLOWS	9,840	1,051	20,574	10,260	-	35,575	12,895	16,428	98,933	96%
LOSSES & OMISSIONS	-349	3	-35	2,120	-	350	-1	1,660	3,748	4%
TOTAL NET USAGE	9,490	1,054	20,538	12,380	-	35,925	12,893	10,398	102,681	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	8	8	67%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	4	4	33%
TOTAL SUPPLY	-	-	-	-	-	-	-	12	12	
NET IMPORTS OF REGION	9,490	1,054	20,538	12,380	-	35,925	12,893	10,386	102,669	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTEICITY GEN. =70.88%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 161 LAS VEGAS NEVADA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	4,396	98	-	5,316	-	8,926	84	18,435	37,355	22%
INDUSTRIAL	1,656	783	-	1,143	-	8,365	2,552	1,920	16,419	10%
TRANSPORTATION	5,724	1	30,617	20,721	-	1,790	-	-	58,253	34%
MISCELLANEOUS USES	45	43	-	18	-	619	-	174	699	0%
TOTAL FINAL DEMAND SECTORS	11,821	1,025	30,517	27,198	-	18,900	2,636	20,529	112,726	65%
TRANSFORMATION										
ELECTRICITY GEN.	55	-	-	-	-	10,785	70,259	-29,107	51,992	30%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	55	-	-	-	-	10,785	70,259	-29,107	51,992	30%
TOTAL GROSS FLOWS	11,876	1,025	30,517	27,198	-	29,685	72,895	20,529	164,718	95%
LOSSES & OMISSIONS	-422	3	-52	5,621	-	292	-5	2,075	7,510	4%
TOTAL NET USAGE	11,453	1,028	30,564	32,819	-	29,977	72,889	-6,502	172,228	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	9,133	-	-	-	9,133	99%
HYDROELECTRIC	-	-	-	-	-	-	-	55	55	1%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	4	4	0%
TOTAL SUPPLY	-	-	-	-	9,133	-	-	59	9,192	
NET IMPORTS OF REGION	11,453	1,028	30,564	32,819	-9,133	29,977	72,889	-6,561	163,036	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =64.11%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EEA ECONOMIC AREA 162 PHOENIX ARIZONA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	2,109	4,191	-	20,730	-	37,514	318	51,680	116,542	24%
INDUSTRIAL	4,185	2,089	-	4,896	-	35,035	15,591	7,703	69,499	14%
TRANSPORTATION	26,577	2	105,826	31,260	-	5,059	-	-	168,724	35%
MISCELLANEOUS USES	191	591	-	76	-	2,266	-	874	3,998	1%
TOTAL FINAL DEMAND SECTORS	33,062	6,873	105,826	56,962	-	79,874	15,909	60,257	358,763	74%
TRANSFORMATION										
ELECTRICITY GEN.	874	-	-	-	-	17,584	156,350	-63,336	111,472	23%
PETROLEUM PRODUCTS	-4,106	-1,513	-5,977	-4,259	14,809	546	-	-	-500	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-3,232	-1,513	-5,977	-4,259	14,809	18,130	156,350	-63,336	110,972	23%
TOTAL GROSS FLOWS	33,936	6,873	105,826	56,962	14,809	98,004	172,259	60,257	470,235	97%
LOSSES & OMISSIONS	-1,206	21	-181	11,772	-0	964	-14	6,091	17,446	4%
TOTAL NET USAGE	28,623	5,381	99,667	64,475	14,808	98,968	172,244	3,012	487,181	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	6,495	11,542	26,487	-	44,524	67%
HYDROELECTRIC	-	-	-	-	-	-	-	22,219	22,219	33%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	12	12	0%
TOTAL SUPPLY	-	-	-	-	6,495	11,542	26,487	22,231	66,755	
NET IMPORTS OF REGION	28,623	5,381	99,667	64,475	8,313	87,426	145,757	-19,218	420,426	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =63.77%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.26%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 163 TUCSON ARIZONA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	686	1,281	-	6,748	-	11,849	103	16,333	37,000	29%
INDUSTRIAL	1,769	592	-	1,057	-	16,808	7,051	2,827	30,104	23%
TRANSPORTATION	7,014	1	34,454	7,224	-	1,647	-	-	50,340	39%
MISCELLANEOUS USES	62	353	-	25	-	1,040	-	555	2,035	2%
TOTAL FINAL DEMAND SECTORS	9,531	2,227	34,454	15,054	-	31,744	7,154	19,715	119,879	93%
TRANSFORMATION										
ELECTRICITY GEN.	178	-	-	-	-	5,222	-	-1,314	4,086	3%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	178	-	-	-	-	5,222	-	-1,314	4,086	3%
TOTAL GROSS FLOWS	9,709	2,227	34,454	15,054	-	36,966	7,154	19,715	123,965	96%
LOSSES & OMISSIONS	-345	7	-59	3,111	-	363	-0	1,992	5,070	4%
TOTAL NET USAGE	9,363	2,234	34,394	18,165	-	37,329	7,153	20,393	129,035	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	-	-	
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	4	4	100%
TOTAL SUPPLY	-	-	-	-	-	-	-	4	4	
NET IMPORTS OF REGION	9,363	2,234	34,394	18,165	-	37,329	7,153	20,389	129,031	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =75.67%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	1,116	498	-	12,736	-	35,644	-	25,308	75,302	22%
INDUSTRIAL	784	570	-	3,736	-	18,489	518	5,441	29,538	9%
TRANSPORTATION	16,361	3,233	132,240	37,351	-	3,674	-	-	192,859	56%
MISCELLANEOUS USES	290	281	-	116	-	4,627	-	1,610	6,924	2%
TOTAL FINAL DEMAND SECTORS	18,551	4,582	132,240	53,939	-	62,434	518	32,359	304,623	89%
TRANSFORMATION										
ELECTRICITY GEN.	2,629	16,950	-	-	-	14,928	-	-11,320	23,187	7%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	2,629	16,950	-	-	-	14,928	-	-11,320	23,187	7%
TOTAL GROSS FLOWS	21,180	21,532	132,240	53,939	-	77,362	518	32,359	327,810	96%
LOSSES & OMISSIONS	-753	67	-226	11,147	-	761	-0	3,271	14,268	4%
TOTAL NET USAGE	20,426	21,599	132,013	65,086	-	78,123	517	24,310	342,078	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	3,836	3,836	76%
NUCLEAR	-	-	-	-	-	-	-	1,188	1,188	24%
GEO.&SOLAR	-	-	-	-	-	-	-	20	20	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	5,044	5,044	
NET IMPORTS OF REGION	20,426	21,599	132,013	65,086	-	78,123	517	19,266	337,034	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.20%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 165 LOS ANGELES-LONG BEACH CALIFORNIA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	8,672	4,262	-	98,987	-	288,145	1	208,477	608,544	19%
INDUSTRIAL	15,051	14,495	-	293,872	-	482,574	19,215	88,583	823,790	26%
TRANSPORTATION	123,003	24,991	1,027,874	239,633	-	28,555	-	-	1,444,056	46%
MISCELLANEOUS USES	2,253	1,344	-	902	-	12,496	-	4,349	21,344	1%
TOTAL FINAL DEMAND SECTORS	148,979	45,092	1,027,874	543,394	-	811,770	19,216	301,409	2,897,734	92%
TRANSFORMATION										
ELECTRICITY GEN.	17,129	119,778	-	-	-	142,388	-	-91,209	188,085	6%
PETROLEUM PRODUCTS	-727,030	-267,923	-1,058,253	-754,200	2,621,851	96,681	-	-	-88,874	-2%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-709,901	-148,145	-1,058,253	-754,200	2,621,851	239,069	-	-91,209	99,212	3%
TOTAL GROSS FLOWS	166,108	164,870	1,027,874	543,394	2,621,851	1,050,339	19,216	301,409	3,085,820	98%
LOSSES & OMISSIONS	-5,906	520	-1,764	112,306	-171	10,340	-1	30,468	145,791	5%
TOTAL NET USAGE	-566,828	-102,532	-32,143	-98,499	2,621,679	1,061,179	19,214	240,668	3,142,737	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	1,872,007	197,300	-	-	2,069,807	98%
HYDROELECTRIC	-	-	-	-	-	-	-	44,475	44,475	2%
NUCLEAR	-	-	-	-	-	-	-	6,157	6,157	0%
GEO.&SOLAR	-	-	-	-	-	-	-	2,301	2,301	0%
TOTAL SUPPLY	-	-	-	-	1,872,007	197,300	-	52,933	2,122,740	
NET IMPORTS OF REGION	-566,828	-102,532	-32,143	-98,499	749,672	863,879	19,214	187,735	1,019,997	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.34%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	776	271	-	8,863	-	22,688	-	15,093	47,691	18%
INDUSTRIAL	2,363	1,104	-	10,186	-	75,651	865	15,507	105,676	39%
TRANSPORTATION	11,392	23	92,029	2,282	-	2,557	-	-	108,283	40%
MISCELLANEOUS USES	202	135	-	81	-	1,506	-	524	2,448	1%
TOTAL FINAL DEMAND SECTORS	14,733	1,533	92,029	21,412	-	102,402	865	31,124	264,098	98%
TRANSFORMATION										
ELECTRICITY GEN.	-	1,597	-	-	-	15,327	-	-5,384	11,540	4%
PETROLEUM PRODUCTS	-106,768	-39,346	-155,410	-110,758	385,031	14,198	-	-	-13,053	-4%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-106,768	-37,749	-155,410	-110,758	385,031	29,525	-	-5,384	-1,513	0%
TOTAL GROSS FLOWS	14,733	3,130	92,029	21,412	385,031	131,927	865	31,124	275,638	102%
LOSSES & OMISSIONS	-523	9	-157	4,425	-25	1,298	-0	3,146	8,172	3%
TOTAL NET USAGE	-92,558	-36,206	-63,538	-84,920	385,005	133,225	864	28,886	270,757	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	1,193,949	137,784	-	-	1,331,733	98%
HYDROELECTRIC	-	-	-	-	-	-	-	22,152	22,152	2%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	20	20	0%
TOTAL SUPPLY	-	-	-	-	1,193,949	137,784	-	22,172	1,353,905	
NET IMPORTS OF REGION	-92,558	-36,206	-63,538	-84,920	-808,943	-4,558	864	6,714	-1,083,147	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.19%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	511	173	-	5,833	-	14,793	-	9,793	31,103	19%
INDUSTRIAL	1,457	890	-	4,160	-	30,864	774	8,060	46,205	29%
TRANSPORTATION	8,228	709	60,565	912	-	1,683	-	-	72,097	45%
MISCELLANEOUS USES	133	93	-	53	-	1,101	-	383	1,753	1%
TOTAL FINAL DEMAND SECTORS	10,329	1,865	60,565	10,958	-	48,441	774	18,236	151,158	94%
TRANSFORMATION										
ELECTRICITY GEN.	-	-	-	-	-	8,884	-	-2,800	6,084	4%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-	-	-	-	-	8,884	-	-2,800	6,084	4%
TOTAL GROSS FLOWS	10,329	1,865	60,565	10,958	-	57,325	774	18,236	157,252	97%
LOSSES & OMISSIONS	-367	5	-103	2,264	-	564	-0	1,843	4,206	3%
TOTAL NET USAGE	9,961	1,870	60,461	13,222	-	57,889	773	17,279	161,458	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	24,152	24,152	100%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	12	12	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	24,164	24,164	
NET IMPORTS OF REGION	9,961	1,870	60,461	13,222	-	57,889	773	-6,884	137,294	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.48%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 168 SACRAMENTO CALIFORNIA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	881	372	-	10,060	-	27,563	-	19,181	58,057	25%
INDUSTRIAL	1,165	551	-	2,964	-	17,079	483	5,829	28,071	12%
TRANSPORTATION	13,027	34	104,464	3,735	-	2,902	-	-	124,162	54%
MISCELLANEOUS USES	229	199	-	92	-	3,052	-	1,062	4,634	2%
TOTAL FINAL DEMAND SECTORS	15,302	1,156	104,464	16,351	-	50,596	483	26,072	214,924	93%
TRANSFORMATION										
ELECTRICITY GEN.	1,177	-	-	-	-	12,143	-	-4,159	9,161	4%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1,177	-	-	-	-	12,143	-	-4,159	9,161	4%
TOTAL GROSS FLOWS	16,479	1,156	104,464	16,851	-	62,739	483	26,072	224,085	97%
LOSSES & OMISSIONS	-585	3	-179	3,482	-	617	-0	2,635	5,973	3%
TOTAL NET USAGE	15,893	1,159	104,284	20,333	-	63,356	482	24,548	230,058	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	24,743	143,434	-	-	168,177	75%
HYDROELECTRIC	-	-	-	-	-	-	-	54,330	54,330	24%
NUCLEAR	-	-	-	-	-	-	-	2,476	2,476	1%
GEO.&SOLAR	-	-	-	-	-	-	-	16	16	0%
TOTAL SUPPLY	-	-	-	-	24,743	143,434	-	56,822	224,999	
NET IMPORTS OF REGION	15,893	1,159	104,284	20,333	-24,743	-80,077	482	-32,273	5,059	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.78%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 169 REDDING CALIFORNIA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	136	48	-	1,556	-	3,991	-	2,669	8,400	22%
INDUSTRIAL	841	302	-	548	-	4,059	19	1,208	6,977	18%
TRANSPORTATION	3,342	6	16,159	373	-	449	-	-	20,329	52%
MISCELLANEOUS USES	35	25	-	14	-	311	-	109	494	1%
TOTAL FINAL DEMAND SECTORS	4,354	381	16,159	2,491	-	8,810	19	3,986	36,200	93%
TRANSFORMATION										
ELECTRICITY GEN.	785	-	-	-	-	1,886	-	-815	1,856	5%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	785	-	-	-	-	1,886	-	-815	1,856	5%
TOTAL GROSS FLOWS	5,139	381	16,159	2,491	-	10,696	19	3,986	38,056	98%
LOSSES & OMISSIONS	-182	1	-27	514	-	105	-0	402	813	2%
TOTAL NET USAGE	4,956	382	16,131	3,005	-	10,801	18	3,573	38,869	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	865	5,039	-	-	5,904	11%
HYDROELECTRIC	-	-	-	-	-	-	-	45,540	45,540	89%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	2	2	0%
TOTAL SUPPLY	-	-	-	-	865	5,039	-	45,542	51,446	
NET IMPORTS OF REGION	4,956	382	16,131	3,005	-865	5,762	18	-41,968	-12,576	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =69.49%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	97	33	-	1,110	-	2,815	-	1,865	5,920	22%
INDUSTRIAL	781	218	-	530	-	2,493	21	914	4,957	18%
TRANSPORTATION	1,536	646	11,520	157	-	320	-	-	14,179	52%
MISCELLANEOUS USES	25	16	-	10	-	164	-	57	272	1%
TOTAL FINAL DEMAND SECTORS	2,439	913	11,520	1,807	-	5,792	21	2,836	25,328	92%
TRANSFORMATION										
ELECTRICITY GEN.	-	931	-	-	-	1,343	-	-746	1,528	6%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-	931	-	-	-	1,343	-	-746	1,528	6%
TOTAL GROSS FLOWS	2,439	1,844	11,520	1,807	-	7,135	21	2,836	26,856	98%
LOSSES & OMISSIONS	-86	5	-19	373	-	70	-0	286	629	2%
TOTAL NET USAGE	2,352	1,849	11,500	2,180	-	7,205	20	2,376	27,485	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	612	3,563	-	-	4,175	60%
HYDROELECTRIC	-	-	-	-	-	-	-	2,582	2,582	37%
NUCLEAR	-	-	-	-	-	-	-	171	171	2%
GEO.&SOLAR	-	-	-	-	-	-	-	2	2	0%
TOTAL SUPPLY	-	-	-	-	612	3,563	-	2,755	6,930	
NET IMPORTS OF REGION	2,352	1,849	11,500	2,180	-612	3,642	20	-378	20,555	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.19%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EEA ECONOMIC AREA 171 SAN FRANCISCO-OAKLAND CALIFORNIA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	4,293	2,116	-	49,002	-	142,803	-	103,366	301,580	18%
INDUSTRIAL	5,877	6,160	-	131,706	-	178,490	8,348	43,341	373,922	22%
TRANSPORTATION	89,591	34,370	508,831	241,424	-	14,136	-	-	888,352	52%
MISCELLANEOUS USES	1,116	751	-	446	-	8,605	-	2,995	13,913	1%
TOTAL FINAL DEMAND SECTORS	100,877	43,397	508,831	422,578	-	344,034	8,348	149,702	1,577,767	92%
TRANSFORMATION										
ELECTRICITY GEN.	3,366	55,002	-	-	-	70,807	-	-42,324	86,851	5%
PETROLEUM PRODUCTS	-450,584	-166,047	-655,866	-467,423	1,624,919	59,919	-	-	-55,082	-2%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-447,218	-111,045	-655,866	-467,423	1,624,919	130,726	-	-42,324	31,769	2%
TOTAL GROSS FLOWS	104,243	98,399	508,831	422,578	1,624,919	474,760	8,348	149,702	1,664,618	97%
LOSSES & OMISSIONS	-3,706	310	-873	87,336	-106	4,671	-0	15,132	102,764	6%
TOTAL NET USAGE	-350,047	-67,337	-147,908	42,491	1,624,812	479,431	8,347	122,510	1,712,300	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	156,289	166,715	-	-	323,004	90%
HYDROELECTRIC	-	-	-	-	-	-	-	18,197	18,197	5%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	16,216	16,216	5%
TOTAL SUPPLY	-	-	-	-	156,289	166,715	-	34,413	357,417	
NET IMPORTS OF REGION	-350,047	-67,337	-147,908	42,491	1,468,523	312,716	8,347	88,097	1,354,883	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.24%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EEA ECONOMIC AREA 172 ANCHORAGE ALASKA 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	12,314	117	-	3,251	-	12,329	7	4,679	32,697	9%
INDUSTRIAL	31,253	64,181	-	9,790	-	51,020	348	2,836	159,428	44%
TRANSPORTATION	8,109	1,222	22,096	107,726	-	807	-	-	139,960	39%
MISCELLANEOUS USES	64	87	-	25	-	3,998	-	239	4,413	1%
TOTAL FINAL DEMAND SECTORS	51,740	65,607	22,096	120,792	-	68,154	355	7,754	336,498	93%
TRANSFORMATION										
ELECTRICITY GEN.	3,076	355	-	-	-	3,731	-	-2,166	4,996	1%
PETROLEUM PRODUCTS	-50,206	-18,502	-73,079	-52,082	181,055	6,676	-	-	-6,138	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-47,130	-18,147	-73,079	-52,082	181,055	10,407	-	-2,166	-1,142	0%
TOTAL GROSS FLOWS	54,816	65,962	22,096	120,792	181,055	78,561	355	7,754	341,494	95%
LOSSES & OMISSIONS	-1,949	208	-37	24,964	-11	773	-0	783	24,730	7%
TOTAL NET USAGE	2,660	47,668	-51,020	93,674	181,043	79,334	354	6,371	360,086	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	3,462,281	-	2,189	-	3,464,470	100%
HYDROELECTRIC	-	-	-	-	-	-	-	958	958	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	5	5	0%
TOTAL SUPPLY	-	-	-	-	3,462,281	-	2,189	963	3,465,433	
NET IMPORTS OF REGION	2,660	47,668	-51,020	93,674	-3,281,237	79,334	-1,834	5,408	-3,105,346	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =69.76%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EEA ECONOMIC AREA 173 HONOLULU HAWAII 1980

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASCLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	511	584	-	7,113	-	12,717	15	10,877	31,817	10%
INDUSTRIAL	9,728	12,577	-	10,115	-	2,734	564	2,537	38,255	12%
TRANSPORTATION	8,816	4,306	48,633	140,346	-	2,053	-	-	204,154	66%
MISCELLANEOUS USES	162	210	-	65	-	150	-	612	1,199	0%
TOTAL FINAL DEMAND SECTORS	19,217	17,677	48,633	157,639	-	17,654	579	14,026	275,425	89%
TRANSFORMATION										
ELECTRICITY GEN.	-	8,355	-	-	-	6,502	-	-4,944	9,913	3%
PETROLEUM PRODUCTS	-65,675	-24,202	-95,596	-68,129	236,841	8,734	-	-	-8,027	-2%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-65,675	-15,847	-95,596	-68,129	236,841	15,236	-	-4,944	1,886	1%
TOTAL GROSS FLOWS	19,217	26,032	48,633	157,639	236,841	32,890	579	14,026	285,338	92%
LOSSES & OMISSIONS	-683	82	-83	32,580	-15	323	-0	1,417	33,621	11%
TOTAL NET USAGE	-47,141	1,912	-47,046	122,090	236,825	33,213	578	10,499	310,932	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	1,671	1,671	99%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	9	9	1%
TOTAL SUPPLY	-	-	-	-	-	-	-	1,680	1,680	
NET IMPORTS OF REGION	-47,141	1,912	-47,046	122,090	236,825	33,213	578	8,819	309,252	

NOTES:

1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.72%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.27%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENTS FOR 1985

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Census Region Tables for 1985

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REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	802,548	353,784	-	93,452	-	230,799	-	298,732	1,779,315	45%
INDUSTRIAL	49,475	219,952	-	134,439	-	93,952	12,073	113,915	623,805	16%
TRANSPORTATION	66,165	93,763	638,326	177,900	-	10,643	-	-	986,797	25%
MISCELLANEOUS USES	2,956	36,874	-	1,184	-	8,111	-	1,613	50,738	1%
TOTAL FINAL DEMAND SECTORS	921,144	704,373	638,326	406,975	-	343,505	12,073	414,260	3,440,656	87%
TRANSFORMATION										
ELECTRICITY GEN.	5,440	380,201	-	-	-	25,351	351,159	-252,454	509,697	13%
PETROLEUM PRODUCTS	-554,252	-205,866	-769,385	-1,509,336	2,855,411	86,061	-	-	-97,367	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-548,812	174,335	-769,385	-1,509,336	2,855,411	111,412	351,159	-252,454	412,330	10%
TOTAL GROSS FLOWS	926,584	1,084,574	638,326	406,975	2,855,411	454,917	363,232	414,260	3,950,353	100%
LOSSES & OMISSIONS	-38	-270	-189	51,357	-267	4,832	-219	42,157	97,361	2%
TOTAL NET USAGE	372,293	878,437	-131,248	-1,051,003	2,855,143	459,749	363,012	203,963	3,950,347	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	17,619	17,619	8%
NUCLEAR	-	-	-	-	-	-	-	187,255	187,255	90%
GEO.&SOLAR	-	-	-	-	-	-	-	3,191	3,191	2%
TOTAL SUPPLY	-	-	-	-	-	-	-	208,065	208,065	
NET IMPORTS OF REGION	372,293	878,437	-131,248	-1,051,003	2,855,143	459,749	363,012	-4,101	3,742,282	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.88%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

CENSUS REGION 2 MID ATLANTIC 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	1,402,733	603,767	-	233,820	-	898,743	46,648	882,759	4,068,470	29%
INDUSTRIAL	143,682	378,841	-	1,117,270	-	793,901	913,642	683,749	4,031,085	28%
TRANSPORTATION	242,802	432,835	1,823,994	736,853	-	71,361	2,382	14,415	3,324,642	23%
MISCELLANEOUS USES	9,334	63,480	-	3,731	-	30,639	-	16,452	123,636	1%
TOTAL FINAL DEMAND SECTORS	1,798,551	1,478,923	1,823,994	2,091,674	-	1,794,644	962,672	1,597,375	11,547,833	82%
TRANSFORMATION										
ELECTRICITY GEN.	550	522,131	-	-	-	240,545	2,519,786	-1,080,758	2,202,254	16%
PETROLEUM PRODUCTS	-464,534	-172,543	-644,843	-1,265,014	2,393,200	72,129	-	-	-81,605	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	65,190	-21,790	43,400	0%
NET FUEL USED IN TRANSFORMATION	-463,984	349,588	-644,843	-1,265,014	2,393,200	312,674	2,584,976	-1,102,548	2,164,049	15%
TOTAL GROSS FLOWS	1,799,101	2,001,054	1,823,994	2,091,674	2,393,200	2,107,318	3,547,648	1,597,375	13,793,467	97%
LOSSES & OMISSIONS	-75	-499	-542	263,956	-224	22,384	-2,140	162,558	445,417	3%
TOTAL NET USAGE	1,334,491	1,828,011	1,178,608	1,090,616	2,392,975	2,129,702	3,545,507	657,385	14,157,299	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	75,531	182,258	2,272,940	-	2,530,729	79%
HYDROELECTRIC	-	-	-	-	-	-	-	127,117	127,117	4%
NUCLEAR	-	-	-	-	-	-	-	524,193	524,193	16%
GEO.&SOLAR	-	-	-	-	-	-	-	3,690	3,690	0%
TOTAL SUPPLY	-	-	-	-	75,531	182,258	2,272,940	655,000	3,185,729	
NET IMPORTS OF REGION	1,334,491	1,828,011	1,178,608	1,090,616	2,317,444	1,947,444	1,272,567	2,385	10,971,570	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.08%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS =66.57%

CENSUS REGION 3 E.N.CENTRAL 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	854,723	122,927	-	441,203	-	2,015,893	66,279	1,174,204	4,675,229	26%
INDUSTRIAL	234,786	279,205	-	981,996	-	2,374,642	1,875,405	699,822	6,445,856	35%
TRANSPORTATION	419,486	112	2,487,094	585,218	-	155,324	-	-	3,647,234	20%
MISCELLANEOUS USES	13,566	18,248	-	5,428	-	87,564	-	20,017	144,823	1%
TOTAL FINAL DEMAND SECTORS	1,522,561	420,492	2,487,094	2,013,845	-	4,633,423	1,941,684	1,894,043	14,913,142	82%
TRANSFORMATION										
ELECTRICITY GEN.	86,403	156,478	-	-	-	157,134	4,149,817	-1,499,386	3,050,446	17%
PETROLEUM PRODUCTS	-1,620,213	-1,233,527	-2,679,320	-2,391,910	7,447,089	224,455	-	-	-253,926	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	65,190	-21,790	43,400	0%
NET FUEL USED IN TRANSFORMATION	-1,533,810	-1,077,049	-2,679,320	-2,391,910	7,447,089	381,589	4,215,007	-1,521,176	2,839,920	16%
TOTAL GROSS FLOWS	1,608,964	576,970	2,487,094	2,013,845	7,447,089	5,015,012	6,156,691	1,894,043	18,006,988	99%
LOSSES & OMISSIONS	-67	-144	-739	254,135	-698	53,270	-3,715	192,749	494,791	3%
TOTAL NET USAGE	-11,316	-656,701	-193,465	-123,929	7,446,390	5,063,282	6,152,975	565,616	18,247,853	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	581,349	336,642	3,759,542	-	4,677,533	89%
HYDROELECTRIC	-	-	-	-	-	-	-	11,831	11,831	0%
NUCLEAR	-	-	-	-	-	-	-	545,548	545,548	10%
GEO.&SOLAR	-	-	-	-	-	-	-	1,659	1,659	0%
TOTAL SUPPLY	-	-	-	-	581,349	336,642	3,759,542	559,038	5,236,571	
NET IMPORTS OF REGION	-11,316	-656,701	-193,465	-123,929	6,865,041	4,731,640	2,393,433	6,578	13,011,282	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.05%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS =66.57%

CENSUS REGION 4 W.N. CENTRAL 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	300,719	19,748	-	329,993	-	664,728	-	491,676	1,806,864	26%
INDUSTRIAL	79,602	91,123	-	256,992	-	866,081	250,154	258,018	1,801,970	26%
TRANSPORTATION	256,434	20	1,233,060	232,742	-	72,205	-	-	1,794,461	26%
MISCELLANEOUS USES	3,423	3,751	-	1,362	-	36,294	-	5,351	50,181	1%
TOTAL FINAL DEMAND SECTORS	640,178	114,642	1,233,060	821,089	-	1,639,308	250,154	755,045	5,453,476	80%
TRANSFORMATION										
ELECTRICITY GEN.	30,881	2,661	-	-	-	108,148	1,698,528	-622,176	1,218,042	18%
PETROLEUM PRODUCTS	-212,596	-326,838	-505,922	-452,152	1,407,123	42,411	-	-	-47,974	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-181,715	-324,177	-505,922	-452,152	1,407,123	150,559	1,698,528	-622,176	1,170,068	17%
TOTAL GROSS FLOWS	671,059	117,303	1,233,060	821,089	1,407,123	1,789,867	1,948,682	755,045	6,671,518	98%
LOSSES & OMISSIONS	-28	-29	-366	103,616	-131	19,012	-1,175	76,838	197,735	3%
TOTAL NET USAGE	458,434	-209,564	726,771	472,553	1,406,991	1,808,879	1,947,506	209,707	6,821,279	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	919,867	1,150,307	1,313,151	-	3,383,325	94%
HYDROELECTRIC	-	-	-	-	-	-	-	66,195	66,195	2%
NUCLEAR	-	-	-	-	-	-	-	142,271	142,271	4%
GEO.&SOLAR	-	-	-	-	-	-	-	1,494	1,494	0%
TOTAL SUPPLY	-	-	-	-	919,867	1,150,307	1,313,151	209,960	3,593,285	
NET IMPORTS OF REGION	458,434	-209,564	726,771	472,553	487,124	658,572	634,355	-252	3,227,994	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.19%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	545,009	124,517	-	389,949	-	490,272	245	1,268,861	2,818,853	21%
INDUSTRIAL	237,702	421,774	-	597,895	-	1,122,369	780,272	574,753	3,734,765	28%
TRANSPORTATION	353,810	32,518	2,238,134	719,562	-	46,025	-	-	3,390,049	26%
MISCELLANEOUS USES	6,885	27,007	-	2,749	-	39,670	-	36,601	112,912	1%
TOTAL FINAL DEMAND SECTORS	1,143,406	605,816	2,238,134	1,710,155	-	1,698,336	780,517	1,880,215	10,056,579	76%
TRANSFORMATION										
ELECTRICITY GEN.	5,657	561,920	-	-	-	125,874	3,274,564	-1,305,243	2,662,772	20%
PETROLEUM PRODUCTS	-254,730	-94,543	-290,776	-239,343	873,295	26,320	-	-	-29,777	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	65,190	-21,790	43,400	0%
NET FUEL USED IN TRANSFORMATION	-249,073	467,377	-290,776	-239,343	873,295	152,194	3,339,754	-1,327,033	2,676,395	20%
TOTAL GROSS FLOWS	1,149,063	1,167,736	2,238,134	1,710,155	873,295	1,850,530	4,120,271	1,880,215	12,762,751	97%
LOSSES & OMISSIONS	-48	-291	-665	215,811	-81	19,656	-2,485	191,342	423,237	3%
TOTAL NET USAGE	894,284	1,072,901	1,946,692	1,636,623	873,213	1,870,186	4,117,784	744,524	13,156,211	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	368,001	319,398	4,245,682	-	4,933,081	87%
HYDROELECTRIC	-	-	-	-	-	-	-	83,789	83,789	1%
NUCLEAR	-	-	-	-	-	-	-	662,777	662,777	12%
GEO. & SOLAR	-	-	-	-	-	-	-	1,495	1,495	0%
TOTAL SUPPLY	-	-	-	-	368,001	319,398	4,245,682	748,061	5,681,142	
NET IMPORTS OF REGION	894,284	1,072,901	1,946,692	1,636,623	505,212	1,550,788	-127,897	-3,536	7,475,069	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.11%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS =66.57%

CENSUS REGION 6 E.S.CENTRAL 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	56,833	9,077	-	217,174	-	318,365	327	454,181	1,055,957	17%
INDUSTRIAL	107,437	38,094	-	308,981	-	744,291	769,430	524,627	2,492,860	40%
TRANSPORTATION	247,206	4,750	927,246	113,116	-	65,111	-	-	1,357,429	22%
MISCELLANEOUS USES	3,316	2,719	-	1,332	-	23,182	-	3,950	34,499	1%
TOTAL FINAL DEMAND SECTORS	414,792	54,640	927,246	640,603	-	1,150,949	769,757	982,758	4,940,745	79%
TRANSFORMATION										
ELECTRICITY GEN.	49,711	1,860	-	-	-	112,089	1,635,822	-599,454	1,200,028	19%
PETROLEUM PRODUCTS	-326,329	-151,712	-547,059	-447,322	1,383,543	41,699	-	-	-47,180	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-276,618	-149,852	-547,059	-447,322	1,383,543	153,788	1,635,822	-599,454	1,152,848	18%
TOTAL GROSS FLOWS	464,503	56,500	927,246	640,603	1,383,543	1,304,737	2,405,579	982,758	6,140,773	98%
LOSSES & OMISSIONS	-19	-14	-275	80,840	-129	13,859	-1,451	100,011	192,820	3%
TOTAL NET USAGE	138,154	-95,226	379,911	274,121	1,383,413	1,318,596	2,404,127	483,315	6,286,413	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	573,099	364,995	3,944,616	-	4,882,710	91%
HYDROELECTRIC	-	-	-	-	-	-	-	69,671	69,671	1%
NUCLEAR	-	-	-	-	-	-	-	403,454	403,454	8%
GEO.&SOLAR	-	-	-	-	-	-	-	1,577	1,577	0%
TOTAL SUPPLY	-	-	-	-	573,099	364,995	3,944,616	474,702	5,357,412	
NET IMPORTS OF REGION	138,154	-95,226	379,911	274,121	810,314	953,601	-1,540,488	8,613	929,001	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.69%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

CENSUS REGION 7 W.S.CENTRAL 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	69,700	9,951	-	352,695	-	453,538	-	626,410	1,503,294	11%
INDUSTRIAL	153,330	93,881	-	1,040,688	-	6,166,274	23,652	453,112	7,930,927	56%
TRANSPORTATION	569,804	35,938	1,490,447	488,699	-	268,080	-	-	2,852,968	20%
MISCELLANEOUS USES	3,804	2,947	-	1,519	-	28,997	-	14,565	51,832	0%
TOTAL FINAL DEMAND SECTORS	787,638	142,717	1,490,447	1,883,601	-	6,916,829	23,652	1,094,087	12,339,021	87%
TRANSFORMATION										
ELECTRICITY GEN.	69,611	-	-	-	-	1,959,091	686,378	-910,228	1,804,852	13%
PETROLEUM PRODUCTS	-3,009,924	-997,517	-5,229,065	-4,055,840	12,490,015	376,445	-	-	-425,886	-2%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-2,940,313	-997,517	-5,229,065	-4,055,840	12,490,015	2,335,536	686,378	-910,228	1,378,966	10%
TOTAL GROSS FLOWS	857,299	142,717	1,490,447	1,883,601	12,490,015	9,252,365	710,030	1,094,087	14,143,873	100%
LOSSES & OMISSIONS	-35	-35	-442	237,699	-1,170	98,281	-428	111,341	445,207	3%
TOTAL NET USAGE	-2,152,660	-854,835	-3,739,060	-1,934,539	12,488,844	9,350,646	709,601	295,200	14,163,194	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	15,080,957	18,708,759	504,451	-	34,294,167	99%
HYDROELECTRIC	-	-	-	-	-	-	-	16,466	16,466	0%
NUCLEAR	-	-	-	-	-	-	-	275,109	275,109	1%
GEO.&SOLAR	-	-	-	-	-	-	-	6,872	6,872	0%
TOTAL SUPPLY	-	-	-	-	15,080,957	18,708,759	504,451	298,447	34,592,614	
NET IMPORTS OF REGION	-2,152,660	-854,835	-3,739,060	-1,934,539	-2,592,112	-9,358,112	205,150	-3,246	-20,429,419	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.48%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

CENSUS REGION 8 MOUNTAIN 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	89,658	14,374	-	158,876	-	338,590	575	372,219	974,292	22%
INDUSTRIAL	127,887	53,285	-	92,708	-	580,949	139,530	137,685	1,132,044	26%
TRANSPORTATION	247,797	21	716,328	257,151	-	43,303	-	-	1,264,600	29%
MISCELLANEOUS USES	1,087	2,768	-	426	-	27,083	-	8,548	39,912	1%
TOTAL FINAL DEMAND SECTORS	466,429	70,448	716,328	509,161	-	989,925	140,105	518,452	3,410,848	79%
TRANSFORMATION										
ELECTRICITY GEN.	10,110	-	-	-	-	312,148	878,661	-377,411	823,508	19%
PETROLEUM PRODUCTS	-482,284	-176,589	-963,106	-513,174	2,006,277	60,469	-	-	-68,406	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	65,190	-21,790	43,400	1%
NET FUEL USED IN TRANSFORMATION	-472,174	-176,583	-963,106	-513,174	2,006,277	372,617	943,851	-399,201	798,502	18%
TOTAL GROSS FLOWS	476,539	70,448	716,328	509,161	2,006,277	1,362,542	1,083,956	518,452	4,277,756	99%
LOSSES & OMISSIONS	-19	-17	-212	64,253	-188	14,473	-654	52,760	130,394	3%
TOTAL NET USAGE	-5,764	-106,157	-246,990	60,240	2,006,088	1,377,015	1,083,301	172,011	4,339,744	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	2,669,823	2,261,593	6,237,572	-	11,168,988	98%
HYDROELECTRIC	-	-	-	-	-	-	-	86,592	86,592	1%
NUCLEAR	-	-	-	-	-	-	-	84,559	84,559	1%
GEO.&SOLAR	-	-	-	-	-	-	-	1,088	1,088	0%
TOTAL SUPPLY	-	-	-	-	2,669,823	2,261,593	6,237,572	172,239	11,341,227	
NET IMPORTS OF REGION	-5,764	-106,157	-246,990	60,240	-663,734	-884,577	-5,154,270	-227	-7,001,482	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.57%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS =66.57%

CENSUS REGION 9 PACIFIC 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	153,462	54,802	-	287,925	-	704,839	-	739,828	1,940,856	15%
INDUSTRIAL	163,923	209,267	-	532,084	-	1,279,468	52,644	419,084	2,656,464	25%
TRANSPORTATION	471,895	34,743	2,885,595	1,105,489	-	79,088	-	-	4,576,810	45%
MISCELLANEOUS USES	5,633	10,252	-	2,253	-	43,017	-	17,950	79,105	1%
TOTAL FINAL DEMAND SECTORS	794,913	309,058	2,885,595	1,927,751	-	2,106,412	52,644	1,176,862	9,253,235	92%
TRANSFORMATION										
ELECTRICITY GEN.	143,444	670,800	-	-	-	6,895	190,302	-321,319	690,122	7%
PETROLEUM PRODUCTS	-1,789,085	-1,058,503	-2,712,481	-2,057,640	7,157,901	215,738	-	-	-244,070	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-1,645,641	-387,703	-2,712,481	-2,057,640	7,157,901	222,633	190,302	-321,319	446,052	4%
TOTAL GROSS FLOWS	938,357	979,853	2,885,595	1,927,751	7,157,901	2,329,045	242,946	1,176,862	9,943,357	99%
LOSSES & OMISSIONS	-39	-244	-857	243,270	-670	24,739	-146	119,764	385,816	4%
TOTAL NET USAGE	-850,767	-78,889	172,256	113,381	7,157,230	2,353,784	242,799	975,307	10,085,103	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	7,862,048	1,017,102	88,662	-	8,967,812	90%
HYDROELECTRIC	-	-	-	-	-	-	-	806,105	806,105	8%
NUCLEAR	-	-	-	-	-	-	-	132,597	132,597	1%
GEO.&SOLAR	-	-	-	-	-	-	-	42,819	42,819	0%
TOTAL SUPPLY	-	-	-	-	7,862,048	1,017,102	88,662	981,521	9,949,333	
NET IMPORTS OF REGION	-850,767	-78,889	172,256	113,381	-704,817	1,336,682	154,137	-6,213	135,770	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =63.23%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

State Tables for 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	12,286	3,482	-	55,795	-	76,372	38	120,547	268,520	15%
INDUSTRIAL	47,686	16,031	-	79,951	-	243,080	314,904	114,121	815,773	46%
TRANSPORTATION	55,531	3,400	242,976	13,894	-	17,026	-	-	332,827	19%
MISCELLANEOUS USES	866	968	-	348	-	6,647	-	61	8,890	0%
TOTAL FINAL DEMAND SECTORS	116,369	23,881	242,976	149,988	-	343,125	314,942	234,729	1,426,010	80%
TRANSFORMATION										
ELECTRICITY GEN.	11,603	-	-	-	-	10,599	467,412	-163,815	325,799	18%
PETROLEUM PRODUCTS	-39,443	-10,476	-66,891	-51,351	158,005	4,763	-	-	-5,387	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-27,840	-10,476	-66,891	-51,351	158,005	15,362	467,412	-163,815	320,412	18%
TOTAL GROSS FLOWS	127,972	23,881	242,976	149,988	158,005	358,487	782,354	234,729	1,751,809	98%
LOSSES & OMISSIONS	-5	-5	-72	18,927	-14	3,807	-472	23,887	46,052	3%
TOTAL NET USAGE	88,523	13,405	176,012	117,564	157,990	362,294	781,881	94,801	1,792,474	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	84,228	88,970	365,625	-	538,823	79%
HYDROELECTRIC	-	-	-	-	-	-	-	33,214	33,214	5%
NUCLEAR	-	-	-	-	-	-	-	109,798	109,798	16%
GEO.&SOLAR	-	-	-	-	-	-	-	369	369	0%
TOTAL SUPPLY	-	-	-	-	84,228	88,970	365,625	143,381	682,204	
NET IMPORTS OF REGION	88,523	13,405	176,012	117,564	73,762	273,324	416,256	-48,579	1,110,270	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.54%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	17,217	151	-	3,848	-	13,212	-	6,246	40,674	9%
INDUSTRIAL	43,722	78,896	-	12,134	-	65,467	439	3,542	204,200	46%
TRANSPORTATION	9,612	598	25,725	138,105	-	920	-	-	174,960	39%
MISCELLANEOUS USES	66	102	-	26	-	4,127	-	308	4,629	1%
TOTAL FINAL DEMAND SECTORS	70,617	79,747	25,725	154,113	-	83,726	439	10,096	424,463	95%
TRANSFORMATION										
ELECTRICITY GEN.	6,924	1,203	-	-	-	59	1,331	-2,941	6,576	1%
PETROLEUM PRODUCTS	-49,144	-29,076	-74,508	-56,522	196,619	5,926	-	-	-6,705	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-42,220	-27,873	-74,508	-56,522	196,619	5,985	1,331	-2,941	-129	0%
TOTAL GROSS FLOWS	77,541	80,950	25,725	154,113	196,619	89,711	1,770	10,096	431,039	97%
LOSSES & OMISSIONS	-3	-20	-7	19,448	-18	952	-1	1,027	21,377	5%
TOTAL NET USAGE	28,393	51,853	-48,790	117,039	196,600	90,663	1,768	8,182	445,711	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	4,830,675	316,959	2,582	-	5,150,216	100%
HYDROELECTRIC	-	-	-	-	-	-	-	1,036	1,036	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	115	115	0%
TOTAL SUPPLY	-	-	-	-	4,830,675	316,959	2,582	1,151	5,151,367	
NET IMPORTS OF REGION	28,393	51,853	-48,790	117,039	-4,634,074	-226,295	-813	7,031	-4,705,655	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =69.10%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	4,293	7,456	-	37,699	-	55,288	94	100,191	205,021	27%
INDUSTRIAL	8,836	3,614	-	7,267	-	66,935	28,850	13,395	128,897	17%
TRANSPORTATION	41,843	-	166,847	50,411	-	10,720	-	-	269,821	36%
MISCELLANEOUS USES	269	1,243	-	105	-	4,124	-	2,086	7,832	1%
TOTAL FINAL DEMAND SECTORS	55,241	12,313	166,847	95,482	-	137,067	28,944	115,672	611,571	81%
TRANSFORMATION										
ELECTRICITY GEN.	7,669	-	-	-	-	49,910	133,023	-59,683	130,919	17%
PETROLEUM PRODUCTS	-114,145	-67,534	-173,060	-131,281	456,686	13,765	-	-	-15,570	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-106,477	-67,534	-173,060	-131,281	456,686	63,675	133,023	-59,683	115,349	15%
TOTAL GROSS FLOWS	62,910	12,318	166,847	95,482	456,686	200,742	161,967	115,672	742,450	99%
LOSSES & OMISSIONS	-2	-3	-49	12,049	-42	2,132	-97	11,771	25,757	3%
TOTAL NET USAGE	-51,238	-55,219	-6,262	-23,749	456,643	202,874	161,869	67,760	752,677	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	12,725	6,973	116,638	-	136,336	62%
HYDROELECTRIC	-	-	-	-	-	-	-	27,132	27,132	12%
NUCLEAR	-	-	-	-	-	-	-	54,676	54,676	25%
GEO.&SOLAR	-	-	-	-	-	-	-	187	187	0%
TOTAL SUPPLY	-	-	-	-	12,725	6,973	116,638	81,995	218,331	
NET IMPORTS OF REGION	-51,238	-55,219	-6,262	-23,749	443,918	195,901	45,231	-14,234	534,346	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.69%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 5 ARKANSAS 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	8,545	2,693	-	36,380	-	57,954	-	51,718	157,290	18%
INDUSTRIAL	39,750	20,710	-	80,530	-	95,901	2,352	36,985	276,228	32%
TRANSPORTATION	89,191	90	143,693	22,622	-	26,848	-	-	282,444	33%
MISCELLANEOUS USES	380	504	-	152	-	3,853	-	714	5,603	1%
TOTAL FINAL DEMAND SECTORS	137,866	23,997	143,693	139,684	-	184,556	2,352	89,417	721,565	83%
TRANSFORMATION										
ELECTRICITY GEN.	6,591	-	-	-	-	70,861	106,553	-63,453	120,552	14%
PETROLEUM PRODUCTS	-25,324	-6,723	-42,948	-32,970	101,448	3,058	-	-	-3,459	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-18,733	-6,723	-42,948	-32,970	101,448	73,919	106,553	-63,453	117,093	13%
TOTAL GROSS FLOWS	144,457	23,997	143,693	139,684	101,448	258,475	108,905	89,417	842,117	97%
LOSSES & OMISSIONS	-6	-5	-42	17,627	-9	2,745	-65	9,099	29,342	3%
TOTAL NET USAGE	119,126	17,268	100,702	124,341	101,438	261,220	108,839	35,063	868,000	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	166,947	219,179	9,275	-	395,401	90%
HYDROELECTRIC	-	-	-	-	-	-	-	6,339	6,339	1%
NUCLEAR	-	-	-	-	-	-	-	38,514	38,514	9%
GEO. & SOLAR	-	-	-	-	-	-	-	130	130	0%
TOTAL SUPPLY	-	-	-	-	166,947	219,179	9,275	44,983	440,384	
NET IMPORTS OF REGION	119,126	17,268	100,702	124,341	-65,508	42,041	99,564	-9,919	427,616	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.52%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 6 CALIFORNIA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	22,459	9,608	-	216,384	-	556,793	-	498,495	1,303,744	19%
INDUSTRIAL	35,918	28,260	-	422,340	-	931,988	35,726	196,685	1,652,417	24%
TRANSPORTATION	307,069	30,435	2,216,722	653,986	-	60,275	-	-	3,268,488	47%
MISCELLANEOUS USES	4,293	3,117	-	1,718	-	33,237	-	14,400	56,765	1%
TOTAL FINAL DEMAND SECTORS	370,739	71,420	2,216,722	1,294,928	-	1,582,293	35,726	709,580	6,281,414	91%
TRANSFORMATION										
ELECTRICITY GEN.	90,661	632,575	-	-	-	4,078	91,652	-260,267	558,719	8%
PETROLEUM PRODUCTS	-1,328,811	-786,184	-2,014,646	-1,528,274	5,316,401	160,236	-	-	-181,278	-2%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-1,238,150	-153,609	-2,014,646	-1,528,274	5,316,401	164,314	91,652	-260,267	377,441	5%
TOTAL GROSS FLOWS	467,420	703,995	2,216,722	1,294,928	5,316,401	1,746,613	127,378	709,580	6,840,133	99%
LOSSES & OMISSIONS	-19	-175	-658	163,412	-498	18,553	-75	72,211	252,747	4%
TOTAL NET USAGE	-867,410	-82,364	201,417	-69,933	5,315,902	1,765,166	127,301	521,524	6,911,602	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	3,031,373	700,143	-	-	3,731,516	92%
HYDROELECTRIC	-	-	-	-	-	-	-	232,807	232,807	6%
NUCLEAR	-	-	-	-	-	-	-	56,233	56,233	1%
GEO.&SOLAR	-	-	-	-	-	-	-	37,361	37,361	1%
TOTAL SUPPLY	-	-	-	-	3,031,373	700,143	-	326,401	4,057,917	
NET IMPORTS OF REGION	-867,410	-82,364	201,417	-69,933	2,284,529	1,065,023	127,301	195,123	2,853,685	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =58.22%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 8 COLORADO 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
				(ALL UNITS IN 10**9 BTU'S)						
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	15,921	2,176	-	43,024	-	131,756	151	86,717	279,745	28%
INDUSTRIAL	34,184	11,682	-	19,139	-	83,859	33,048	11,231	193,143	19%
TRANSPORTATION	31,531	1	181,605	113,065	-	11,946	-	-	338,148	33%
MISCELLANEOUS USES	299	473	-	117	-	10,941	-	2,552	14,382	1%
TOTAL FINAL DEMAND SECTORS	81,935	14,332	181,605	175,345	-	238,502	33,199	100,500	825,418	81%
TRANSFORMATION										
ELECTRICITY GEN.	1,936	-	-	-	-	43,223	189,955	-73,978	161,136	16%
PETROLEUM PRODUCTS	-37,140	-11,155	-81,940	-37,214	157,341	4,742	-	-	-5,366	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-35,204	-11,155	-81,940	-37,214	157,341	47,965	189,955	-73,978	155,770	15%
TOTAL GROSS FLOWS	83,871	14,332	181,605	175,345	157,341	286,467	223,154	100,500	986,554	97%
LOSSES & OMISSIONS	-3	-3	-53	22,127	-14	3,042	-134	10,227	35,187	3%
TOTAL NET USAGE	46,727	3,173	99,611	160,258	157,326	289,509	223,019	36,749	1,016,375	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	321,464	228,164	1,019,618	-	1,569,246	99%
HYDROELECTRIC	-	-	-	-	-	-	-	5,726	5,726	0%
NUCLEAR	-	-	-	-	-	-	-	5,345	5,345	0%
GEO.&SOLAR	-	-	-	-	-	-	-	162	162	0%
TOTAL SUPPLY	-	-	-	-	321,464	228,164	1,019,618	11,233	1,580,479	
NET IMPORTS OF REGION	46,727	3,173	99,611	160,258	-164,137	61,345	-796,598	25,516	-564,103	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.54%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 9 CONNECTICUT 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN '0**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	151,935	40,683	-	23,251	-	53,408	-	86,981	356,258	38%
INDUSTRIAL	15,756	72,443	-	48,188	-	29,429	4,439	27,561	198,021	21%
TRANSPORTATION	20,431	3,640	168,617	42,676	-	2,776	-	-	238,140	25%
MISCELLANEOUS USES	771	3,375	-	309	-	1,714	-	37	6,707	1%
TOTAL FINAL DEMAND SECTORS	188,893	120,547	168,617	114,624	-	87,327	4,439	114,579	799,126	85%
TRANSFORMATION										
ELECTRICITY GEN.	984	122,475	-	-	-	6,958	93,757	-74,017	150,154	16%
PETROLEUM PRODUCTS	-197,943	-73,524	-274,780	-539,048	1,019,790	30,736	-	-	-34,774	-3%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-196,967	48,951	-274,780	-539,048	1,019,790	37,694	93,757	-74,017	115,380	12%
TOTAL GROSS FLOWS	189,874	243,122	168,617	114,524	1,019,790	125,021	98,196	114,579	949,280	101%
LOSSES & OMISSIONS	-7	-60	-50	14,464	-95	1,323	-59	11,660	27,179	3%
TOTAL NET USAGE	-8,081	169,537	-106,213	-409,959	1,019,694	126,349	98,136	52,222	941,685	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	1,168	1,168	2%
NUCLEAR	-	-	-	-	-	-	-	64,674	64,674	98%
GEO.&SOLAR	-	-	-	-	-	-	-	436	436	1%
TOTAL SUPPLY	-	-	-	-	-	-	-	66,278	66,278	
NET IMPORTS OF REGION	-8,081	169,537	-106,213	-409,959	1,019,694	126,349	98,136	-14,055	875,407	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.98%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	35,727	2,367	-	9,417	-	9,870	5	42,388	99,774	21%
INDUSTRIAL	14,663	36,152	-	62,722	-	51,161	4,589	51,071	220,358	47%
TRANSPORTATION	2,558	2,550	34,843	1,238	-	799	-	-	41,988	9%
MISCELLANEOUS USES	119	361	-	47	-	441	-	24	992	0%
TOTAL FINAL DEMAND SECTORS	53,067	41,430	34,843	73,424	-	62,271	4,594	93,483	363,112	78%
TRANSFORMATION										
ELECTRICITY GEN.	150	20,169	-	-	-	5,133	107,468	-43,556	89,344	19%
PETROLEUM PRODUCTS	-55,406	-20,564	-63,246	-62,935	189,950	5,725	-	-	-6,476	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-55,256	-415	-63,246	-62,935	189,950	10,858	107,468	-43,556	82,868	18%
TOTAL GROSS FLOWS	53,217	61,579	34,843	73,424	189,950	73,129	112,062	93,483	452,456	97%
LOSSES & OMISSIONS	-2	-15	-10	9,265	-17	776	-67	9,513	19,442	4%
TOTAL NET USAGE	-2,191	40,999	-28,413	19,754	189,932	73,905	111,994	59,440	465,422	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	239	239	70%
NUCLEAR	-	-	-	-	-	-	-	20	20	6%
GEO.&SOLAR	-	-	-	-	-	-	-	82	82	24%
TOTAL SUPPLY	-	-	-	-	-	-	-	341	341	
NET IMPORTS OF REGION	-2,191	40,999	-28,413	19,754	189,932	73,905	111,994	59,099	465,081	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.23%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 11 WASHINGTON, D.C. 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	17,744	25,716	-	8,356	-	18,994	1	28,448	99,259	48%
INDUSTRIAL	214	295	-	1,763	-	634	730	1,280	4,916	2%
TRANSPORTATION	6,802	17	32,440	15,586	-	902	-	-	55,847	27%
MISCELLANEOUS USES	135	7,750	-	54	-	2,942	-	20	10,901	5%
TOTAL FINAL DEMAND SECTORS	24,895	33,778	32,440	25,359	-	23,472	731	29,748	170,923	83%
TRANSFORMATION										
ELECTRICITY GEN.	142	17,380	-	-	-	1,327	23,527	-13,753	28,623	14%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	142	17,380	-	-	-	1,327	23,527	-13,753	28,623	14%
TOTAL GROSS FLOWS	25,037	51,158	32,440	25,859	-	24,799	24,258	29,748	199,546	97%
LOSSES & OMISSIONS	-1	-12	-9	3,263	-	263	-14	3,027	6,515	3%
TOTAL NET USAGE	25,035	51,145	32,430	29,122	-	25,062	24,243	19,022	206,061	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	62	62	70%
NUCLEAR	-	-	-	-	-	-	-	5	5	6%
GEO.&SOLAR	-	-	-	-	-	-	-	21	21	24%
TOTAL SUPPLY	-	-	-	-	-	-	-	88	88	
NET IMPORTS OF REGION	25,035	51,145	32,430	29,122	-	25,062	24,243	18,934	205,973	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.55%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 12 FLORIDA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	47,339	17,114	-	91,460	-	40,923	73	373,253	570,162	21%
INDUSTRIAL	46,620	76,061	-	90,534	-	144,543	35,641	62,377	455,776	17%
TRANSPORTATION	48,944	6,591	545,364	336,058	-	11,909	-	-	948,866	36%
MISCELLANEOUS USES	1,782	2,808	-	711	-	3,246	-	10,252	18,799	1%
TOTAL FINAL DEMAND SECTORS	144,685	102,574	545,364	518,763	-	200,621	35,714	445,882	1,993,603	75%
TRANSFORMATION										
ELECTRICITY GEN.	2,323	307,010	-	-	-	40,820	466,057	-265,193	551,017	21%
PETROLEUM PRODUCTS	-2,256	-837	-2,575	-2,563	7,734	233	-	-	-264	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	67	306,173	-2,575	-2,563	7,734	41,053	466,057	-265,193	550,753	21%
TOTAL GROSS FLOWS	147,008	409,584	545,364	518,763	7,734	241,674	501,771	445,882	2,544,620	96%
LOSSES & OMISSIONS	-6	-102	-162	65,464	-0	2,567	-302	45,375	112,833	4%
TOTAL NET USAGE	144,745	408,644	542,626	581,564	7,733	244,241	501,468	226,064	2,657,189	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	305,042	39,425	-	-	344,467	77%
HYDROELECTRIC	-	-	-	-	-	-	-	1,286	1,286	0%
NUCLEAR	-	-	-	-	-	-	-	102,581	102,581	23%
GEO.&SOLAR	-	-	-	-	-	-	-	329	329	0%
TOTAL SUPPLY	-	-	-	-	305,042	39,425	-	104,196	448,663	
NET IMPORTS OF REGION	144,745	408,644	542,626	581,664	-297,308	204,816	501,468	121,868	2,208,526	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.51%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	31,140	16,317	-	51,393	-	111,125	7	183,723	393,706	20%
INDUSTRIAL	29,469	61,973	-	61,006	-	232,165	45,098	82,623	512,334	26%
TRANSPORTATION	78,138	687	317,567	157,050	-	6,628	-	-	558,070	28%
MISCELLANEOUS USES	991	2,903	-	395	-	7,634	-	382	12,305	1%
TOTAL FINAL DEMAND SECTORS	137,738	81,880	317,567	269,844	-	357,553	45,105	266,728	1,476,415	74%
TRANSFORMATION										
ELECTRICITY GEN.	620	16,712	-	-	-	25,283	656,431	-231,249	467,797	23%
PETROLEUM PRODUCTS	-7,124	-2,644	-8,132	-8,092	24,422	736	-	-	-834	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-5,504	14,068	-8,132	-8,092	24,422	26,019	656,431	-231,249	466,963	23%
TOTAL GROSS FLOWS	133,358	98,592	317,567	269,844	24,422	383,572	701,536	266,728	1,944,212	97%
LOSSES & OMISSIONS	-5	-24	-94	34,052	-2	4,074	-423	27,143	64,720	3%
TOTAL NET USAGE	131,228	95,923	309,340	295,804	24,419	387,646	701,112	62,622	2,008,098	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	24,245	24,245	20%
NUCLEAR	-	-	-	-	-	-	-	98,151	98,151	80%
GEO.&SOLAR	-	-	-	-	-	-	-	215	215	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	122,611	122,611	
NET IMPORTS OF REGION	131,228	95,923	309,340	295,804	24,419	387,646	701,112	-59,988	1,885,487	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.92%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.32%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 15 HAWAII 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	709	733	-	8,326	-	13,316	-	14,186	37,270	10%
INDUSTRIAL	12,605	15,075	-	12,517	-	3,422	684	3,026	47,329	13%
TRANSPORTATION	10,330	2,084	56,157	177,768	-	2,321	-	-	248,660	68%
MISCELLANEOUS USES	165	243	-	66	-	154	-	785	1,413	0%
TOTAL FINAL DEMAND SECTORS	23,809	18,135	56,157	198,677	-	19,213	684	17,997	334,672	91%
TRANSFORMATION										
ELECTRICITY GEN.	1,497	28,331	-	-	-	101	2,271	-10,258	21,942	6%
PETROLEUM PRODUCTS	-127,610	-75,499	-193,472	-146,764	510,549	15,388	-	-	-17,408	-4%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-126,113	-47,168	-193,472	-146,764	510,549	15,489	2,271	-10,258	4,534	1%
TOTAL GROSS FLOWS	25,306	46,466	56,157	198,677	510,549	34,702	2,955	17,997	356,614	97%
LOSSES & OMISSIONS	-1	-11	-16	25,071	-47	368	-1	1,831	27,192	7%
TOTAL NET USAGE	-102,305	-29,044	-137,331	76,984	510,501	35,070	2,953	9,570	366,398	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	1,767	1,767	90%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	195	195	10%
TOTAL SUPPLY	-	-	-	-	-	-	-	1,962	1,962	
NET IMPORTS OF REGION	-102,305	-29,044	-137,331	76,984	510,501	35,070	2,953	7,608	364,436	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.14%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 16 IDAHO 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	23,999	603	-	13,176	-	13,405	28	39,010	90,222	32%
INDUSTRIAL	8,261	3,604	-	5,027	-	19,014	13,360	28,079	77,345	27%
TRANSPORTATION	15,576	-	53,526	1,440	-	3,158	-	-	74,700	26%
MISCELLANEOUS USES	80	115	-	32	-	1,065	-	504	1,796	1%
TOTAL FINAL DEMAND SECTORS	48,916	4,322	53,526	19,675	-	36,643	13,388	67,593	244,063	85%
TRANSFORMATION										
ELECTRICITY GEN.	-	-	-	-	-	46,046	-	-14,385	31,661	11%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-	-	-	-	-	46,046	-	-14,385	31,661	11%
TOTAL GROSS FLOWS	48,916	4,322	53,526	19,675	-	82,689	13,388	67,593	275,724	96%
LOSSES & OMISSIONS	-2	-1	-15	2,482	-	878	-8	6,878	10,212	4%
TOTAL NET USAGE	48,913	4,320	53,510	22,157	-	83,567	13,379	60,086	285,936	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	20,445	20,445	77%
NUCLEAR	-	-	-	-	-	-	-	5,780	5,780	22%
GEO.&SOLAR	-	-	-	-	-	-	-	175	175	1%
TOTAL SUPPLY	-	-	-	-	-	-	-	26,400	26,400	
NET IMPORTS OF REGION	48,913	4,320	53,510	22,157	-	83,567	13,379	33,686	259,536	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.76%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	194,306	73,313	-	119,283	-	588,172	18,975	327,715	1,321,764	30%
INDUSTRIAL	66,241	65,605	-	296,678	-	511,469	267,218	137,605	1,344,816	30%
TRANSPORTATION	116,869	29	620,917	163,559	-	42,629	-	-	944,003	21%
MISCELLANEOUS USES	3,725	8,778	-	1,490	-	23,592	-	10,098	47,683	1%
TOTAL FINAL DEMAND SECTORS	381,141	147,725	620,917	581,010	-	1,165,862	286,193	475,418	3,658,266	82%
TRANSFORMATION										
ELECTRICITY GEN.	21,107	54,862	-	-	-	42,102	975,631	-360,010	733,692	16%
PETROLEUM PRODUCTS	-766,116	-578,421	-1,262,613	-1,126,946	3,508,708	105,752	-	-	-119,636	-2%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	65,190	-21,790	43,400	1%
NET FUEL USED IN TRANSFORMATION	-745,009	-523,559	-1,262,613	-1,126,946	3,508,708	147,854	1,040,821	-381,800	657,456	15%
TOTAL GROSS FLOWS	402,248	202,587	620,917	581,010	3,508,708	1,313,716	1,327,014	475,418	4,435,358	100%
LOSSES & OMISSIONS	-16	-50	-184	73,319	-328	13,954	-800	48,381	134,274	3%
TOTAL NET USAGE	-363,884	-375,884	-641,880	-472,616	3,508,379	1,327,670	1,326,213	141,999	4,449,996	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	193,482	27,882	1,737,308	-	1,958,672	89%
HYDROELECTRIC	-	-	-	-	-	-	-	354	354	0%
NUCLEAR	-	-	-	-	-	-	-	229,083	229,083	10%
GEO.&SOLAR	-	-	-	-	-	-	-	382	382	0%
TOTAL SUPPLY	-	-	-	-	193,482	27,882	1,737,308	229,819	2,188,491	
NET IMPORTS OF REGION	-363,884	-375,884	-641,880	-472,616	3,314,897	1,299,788	-411,094	-87,819	2,261,505	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.08%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS =66.57%

STATE 18 INDIANA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	149,137	30,670	-	60,113	-	212,441	11,672	161,011	625,044	20%
INDUSTRIAL	67,771	92,927	-	206,330	-	428,692	296,296	111,718	1,204,334	38%
TRANSPORTATION	83,411	18	363,896	234,305	-	20,597	-	-	702,727	22%
MISCELLANEOUS USES	1,799	4,118	-	720	-	9,935	-	368	16,940	1%
TOTAL FINAL DEMAND SECTORS	302,118	127,733	363,896	502,568	-	671,665	307,968	273,097	2,549,045	80%
TRANSFORMATION										
ELECTRICITY GEN.	13,439	29,972	-	-	-	22,142	794,526	-283,868	576,211	18%
PETROLEUM PRODUCTS	-361,083	-272,620	-595,090	-531,148	1,653,710	49,843	-	-	-56,388	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-347,644	-242,648	-595,090	-531,148	1,653,710	71,985	794,526	-283,868	519,823	16%
TOTAL GROSS FLOWS	315,557	157,705	363,896	502,568	1,653,710	743,650	1,102,494	273,097	3,125,256	99%
LOSSES & OMISSIONS	-13	-39	-106	63,421	-155	7,899	-665	27,792	98,131	3%
TOTAL NET USAGE	-45,539	-114,954	-231,302	34,841	1,653,554	751,549	1,101,823	17,021	3,166,999	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	36,143	3,355	699,830	-	739,328	94%
HYDROELECTRIC	-	-	-	-	-	-	-	578	578	0%
NUCLEAR	-	-	-	-	-	-	-	44,558	44,558	6%
GEO.&SOLAR	-	-	-	-	-	-	-	230	230	0%
TOTAL SUPPLY	-	-	-	-	36,143	3,355	699,830	45,366	784,694	
NET IMPORTS OF REGION	-45,539	-114,954	-231,302	34,841	1,617,411	748,194	401,993	-28,344	2,382,305	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.00%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 19 IOWA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	48,999	884	-	55,545	-	127,810	-	79,256	312,494	27%
INDUSTRIAL	15,554	11,680	-	31,990	-	132,176	86,117	57,577	335,094	29%
TRANSPORTATION	49,270	-	206,921	12,173	-	12,162	-	-	280,526	24%
MISCELLANEOUS USES	577	329	-	230	-	6,605	-	593	8,334	1%
TOTAL FINAL DEMAND SECTORS	114,400	12,893	206,921	99,938	-	278,753	86,117	137,426	936,448	81%
TRANSFORMATION										
ELECTRICITY GEN.	7,490	671	-	-	-	5,255	275,750	-98,143	191,023	17%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	7,490	671	-	-	-	5,255	275,750	-98,143	191,023	17%
TOTAL GROSS FLOWS	121,890	13,564	206,921	99,938	-	284,008	361,867	137,426	1,127,471	97%
LOSSES & OMISSIONS	-5	-3	-61	12,611	-	3,016	-218	13,985	29,325	3%
TOTAL NET USAGE	121,884	13,560	206,859	112,549	-	287,024	361,648	53,268	1,156,796	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	15,494	-	15,494	34%
HYDROELECTRIC	-	-	-	-	-	-	-	3,350	3,350	7%
NUCLEAR	-	-	-	-	-	-	-	26,552	26,552	58%
GEO. &SOLAR	-	-	-	-	-	-	-	275	275	1%
TOTAL SUPPLY	-	-	-	-	-	-	15,494	30,177	45,671	
NET IMPORTS OF REGION	121,884	13,560	206,859	112,549	-	287,024	346,154	23,091	1,111,125	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.06%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	8,000	466	-	41,671	-	104,275	-	73,700	226,113	19%
INDUSTRIAL	8,861	9,840	-	65,373	-	316,603	9,638	50,622	458,933	39%
TRANSPORTATION	41,463	2	173,890	11,375	-	9,273	-	-	235,003	20%
MISCELLANEOUS USES	440	255	-	174	-	6,829	-	473	8,171	1%
TOTAL FINAL DEMAND SECTORS	53,764	10,563	173,890	118,593	-	436,981	9,638	124,795	928,220	80%
TRANSFORMATION										
ELECTRICITY GEN.	2,064	121	-	-	-	73,487	264,840	-112,812	227,700	20%
PETROLEUM PRODUCTS	-89,256	-170,300	-243,370	-217,585	677,049	20,406	-	-	-23,086	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-87,192	-170,179	-243,370	-217,585	677,049	93,893	264,840	-112,812	204,614	18%
TOTAL GROSS FLOWS	55,828	10,684	173,890	118,593	677,049	530,874	274,478	124,795	1,155,920	99%
LOSSES & OMISSIONS	-2	-2	-51	14,965	-63	5,639	-165	12,699	33,018	3%
TOTAL NET USAGE	-33,420	-159,658	-69,531	-84,026	676,985	536,513	274,303	24,682	1,165,852	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	665,178	1,089,787	24,748	-	1,779,713	99%
HYDROELECTRIC	-	-	-	-	-	-	-	808	808	0%
NUCLEAR	-	-	-	-	-	-	-	17,962	17,962	1%
GEO. &SOLAR	-	-	-	-	-	-	-	249	249	0%
TOTAL SUPPLY	-	-	-	-	665,178	1,089,787	24,748	19,019	1,798,732	
NET IMPORTS OF REGION	-33,420	-159,658	-69,531	-84,026	11,807	-553,273	249,560	5,663	-632,879	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.37%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	14,860	1,597	-	55,299	-	115,219	99	97,341	284,415	17%
INDUSTRIAL	18,314	4,487	-	68,424	-	129,370	173,474	194,922	588,921	34%
TRANSPORTATION	55,914	156	226,538	41,099	-	16,530	-	-	340,237	20%
MISCELLANEOUS USES	843	578	-	340	-	7,413	-	3,181	12,355	1%
TOTAL FINAL DEMAND SECTORS	89,931	6,748	226,538	165,162	-	268,532	173,573	295,444	1,225,928	71%
TRANSFORMATION										
ELECTRICITY GEN.	15,783	568	-	-	-	10,513	664,548	-231,414	459,998	27%
PETROLEUM PRODUCTS	-104,873	-79,181	-172,838	-154,266	480,303	14,476	-	-	-16,379	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-89,090	-78,613	-172,838	-154,266	480,303	24,989	664,548	-231,414	443,619	26%
TOTAL GROSS FLOWS	105,714	7,316	226,538	165,162	480,303	293,521	838,121	295,444	1,685,926	98%
LOSSES & OMISSIONS	-4	-1	-67	20,842	-45	3,117	-505	30,066	53,402	3%
TOTAL NET USAGE	836	-71,866	53,632	31,738	480,257	296,638	837,615	94,096	1,722,949	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	66,822	98,370	3,401,236	-	3,566,428	100%
HYDROELECTRIC	-	-	-	-	-	-	-	8,725	8,725	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	497	497	0%
TOTAL SUPPLY	-	-	-	-	66,822	98,370	3,401,236	9,222	3,575,650	
NET IMPORTS OF REGION	836	-71,866	53,632	31,738	413,435	198,268	-2,563,620	84,874	-1,852,700	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.53%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 22 LOUISIANA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	2,356	88	-	58,515	-	62,996	-	100,759	224,714	6%
INDUSTRIAL	57,685	37,887	-	215,293	-	2,538,297	3,090	125,558	2,977,810	77%
TRANSPORTATION	63,817	12,813	205,584	63,547	-	47,189	-	-	392,950	10%
MISCELLANEOUS USES	671	279	-	267	-	3,413	-	2,302	6,932	0%
TOTAL FINAL DEMAND SECTORS	124,529	51,067	205,584	337,622	-	2,651,895	3,090	228,619	3,602,406	93%
TRANSFORMATION										
ELECTRICITY GEN.	15,105	-	-	-	-	365,125	60,624	-146,040	294,814	8%
PETROLEUM PRODUCTS	-911,636	-241,996	-1,546,033	-1,186,843	3,651,919	110,068	-	-	-124,521	-2%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-896,531	-241,996	-1,546,033	-1,186,843	3,651,919	475,193	60,624	-146,040	170,293	4%
TOTAL GROSS FLOWS	135,634	51,067	205,584	337,622	3,651,919	3,127,088	63,714	228,619	3,897,220	101%
LOSSES & OMISSIONS	-5	-12	-61	42,605	-342	33,216	-38	23,265	98,627	3%
TOTAL NET USAGE	-772,007	-190,941	-1,340,510	-806,615	3,651,576	3,160,304	53,675	105,844	3,871,326	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	4,483,964	8,247,592	-	-	12,731,556	99%
HYDROELECTRIC	-	-	-	-	-	-	-	860	860	0%
NUCLEAR	-	-	-	-	-	-	-	69,138	69,138	1%
GEO.&SOLAR	-	-	-	-	-	-	-	2,285	2,285	0%
TOTAL SUPPLY	-	-	-	-	4,483,964	8,247,592	-	72,283	12,803,839	
NET IMPORTS OF REGION	-772,007	-190,941	-1,340,510	-806,615	-832,387	-5,087,287	53,675	33,561	-8,932,512	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =56.87%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	65,228	29,517	-	6,890	-	1,394	-	20,085	123,114	29%
INDUSTRIAL	13,072	72,641	-	11,620	-	3,853	1,099	23,728	126,013	30%
TRANSPORTATION	8,941	67,357	55,065	759	-	769	-	-	132,891	31%
MISCELLANEOUS USES	213	4,612	-	85	-	110	-	377	5,397	1%
TOTAL FINAL DEMAND SECTORS	87,454	174,127	55,065	19,354	-	6,126	1,099	44,190	387,415	91%
TRANSFORMATION										
ELECTRICITY GEN.	191	36,352	-	-	-	2,832	38,153	-25,762	51,766	12%
PETROLEUM PRODUCTS	-123,716	-45,952	-171,738	-336,906	637,368	19,210	-	-	-21,734	-4%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-123,525	-9,600	-171,738	-336,906	637,368	22,042	38,153	-25,762	30,032	7%
TOTAL GROSS FLOWS	87,645	210,479	55,065	19,354	637,368	28,168	39,252	44,190	439,181	103%
LOSSES & OMISSIONS	-3	-52	-16	2,442	-59	299	-23	4,497	7,082	2%
TOTAL NET USAGE	-36,074	164,474	-116,689	-315,109	637,308	28,467	39,228	22,925	424,529	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	3,890	3,890	20%
NUCLEAR	-	-	-	-	-	-	-	15,285	15,285	79%
GEO.&SOLAR	-	-	-	-	-	-	-	178	178	1%
TOTAL SUPPLY	-	-	-	-	-	-	-	19,353	19,353	
NET IMPORTS OF REGION	-36,074	164,474	-116,689	-315,109	637,308	28,467	39,228	3,572	405,176	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.77%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	114,892	35,380	-	54,101	-	86,532	5	129,773	420,683	31%
INDUSTRIAL	34,199	52,171	-	79,352	-	87,146	106,942	42,791	402,601	29%
TRANSPORTATION	36,996	10,226	210,043	36,801	-	5,842	-	-	299,708	22%
MISCELLANEOUS USES	874	6,463	-	350	-	4,702	-	44	12,433	1%
TOTAL FINAL DEMAND SECTORS	186,961	104,240	210,043	170,404	-	184,222	106,947	172,608	1,135,425	82%
TRANSFORMATION										
ELECTRICITY GEN.	632	102,388	-	-	-	8,382	204,263	-102,981	212,684	15%
PETROLEUM PRODUCTS	-92,014	-34,151	-105,035	-104,517	315,453	9,508	-	-	-10,756	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-91,382	68,237	-105,035	-104,517	315,453	17,890	204,263	-102,981	201,928	15%
TOTAL GROSS FLOWS	181,593	206,628	210,043	170,404	315,453	202,112	311,210	172,608	1,348,109	98%
LOSSES & OMISSIONS	-7	-51	-62	21,503	-29	2,146	-187	17,565	40,877	3%
TOTAL NET USAGE	95,571	172,425	104,945	87,390	315,423	204,258	311,022	87,192	1,378,230	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	6,635	46,914	-	53,549	45%
HYDROELECTRIC	-	-	-	-	-	-	-	6,215	6,215	5%
NUCLEAR	-	-	-	-	-	-	-	59,504	59,504	50%
GEO.&SOLAR	-	-	-	-	-	-	-	134	134	0%
TOTAL SUPPLY	-	-	-	-	-	6,635	46,914	65,853	119,402	
NET IMPORTS OF REGION	95,571	172,425	104,945	87,390	315,423	197,623	264,108	21,339	1,258,828	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN.. =67.38%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	430,672	235,804	-	46,189	-	144,710	-	137,918	995,293	51%
INDUSTRIAL	13,913	45,649	-	55,842	-	41,757	2,922	38,628	198,711	10%
TRANSPORTATION	25,231	19,833	285,866	130,172	-	5,167	-	-	466,269	24%
MISCELLANEOUS USES	1,436	21,432	-	575	-	4,625	-	290	28,358	1%
TOTAL FINAL DEMAND SECTORS	471,252	322,718	285,866	232,778	-	196,259	2,922	176,836	1,688,631	86%
TRANSFORMATION										
ELECTRICITY GEN.	3,743	190,583	-	-	-	10,730	145,986	-115,772	235,270	12%
PETROLEUM PRODUCTS	-24,743	-9,193	-34,348	-67,381	127,474	3,842	-	-	-4,346	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-21,000	181,393	-34,348	-67,381	127,474	14,572	145,986	-115,772	230,924	12%
TOTAL GROSS FLOWS	474,995	513,301	285,866	232,778	127,474	210,831	148,908	176,836	1,923,901	98%
LOSSES & OMISSIONS	-19	-128	-84	29,375	-11	2,239	-89	17,995	49,275	3%
TOTAL NET USAGE	450,232	503,982	251,433	194,772	127,462	213,070	148,818	79,059	1,968,830	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	5,601	5,601	13%
NUCLEAR	-	-	-	-	-	-	-	36,158	36,158	82%
GEO.&SOLAR	-	-	-	-	-	-	-	2,276	2,276	5%
TOTAL SUPPLY	-	-	-	-	-	-	-	44,035	44,035	
NET IMPORTS OF REGION	450,232	503,982	251,433	194,772	127,462	213,070	148,818	35,024	1,924,795	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.02%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	246,573	8,544	-	100,795	-	491,140	8,809	250,562	1,106,423	28%
INDUSTRIAL	35,440	43,304	-	171,725	-	519,750	479,706	150,519	1,400,444	36%
TRANSPORTATION	54,900	29	594,040	60,945	-	34,595	-	-	744,509	19%
MISCELLANEOUS USES	3,021	2,224	-	1,209	-	25,720	-	2,777	34,951	1%
TOTAL FINAL DEMAND SECTORS	339,934	54,101	594,040	334,674	-	1,071,205	488,515	403,858	3,286,327	84%
TRANSFORMATION										
ELECTRICITY GEN.	15,004	58,467	-	-	-	32,479	699,598	-265,172	541,372	14%
PETROLEUM PRODUCTS	-108,982	-80,772	-176,316	-157,371	489,968	14,769	-	-	-16,704	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-90,978	-22,305	-176,316	-157,371	489,968	47,248	699,598	-265,172	524,668	13%
TOTAL GROSS FLOWS	355,938	112,568	594,040	334,674	489,968	1,118,453	1,188,109	403,858	3,827,699	98%
LOSSES & OMISSIONS	-14	-28	-176	42,233	-45	11,880	-717	41,099	94,231	2%
TOTAL NET USAGE	248,941	31,767	417,547	219,536	489,922	1,130,333	1,187,391	179,785	3,905,226	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	202,308	156,572	-	-	358,880	77%
HYDROELECTRIC	-	-	-	-	-	-	-	7,247	7,247	2%
NUCLEAR	-	-	-	-	-	-	-	98,611	98,611	21%
GEO.&SOLAR	-	-	-	-	-	-	-	420	420	0%
TOTAL SUPPLY	-	-	-	-	202,308	156,572	-	106,278	465,158	
NET IMPORTS OF REGION	248,941	31,767	417,547	219,536	287,614	973,761	1,187,391	73,507	3,440,068	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.12%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 27 MINNESOTA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	138,081	6,533	-	82,957	-	140,072	-	107,307	474,950	30%
INDUSTRIAL	31,841	40,346	-	66,175	-	173,012	41,719	60,184	413,277	26%
TRANSPORTATION	44,829	3	284,714	73,961	-	17,846	-	-	421,353	27%
MISCELLANEOUS USES	846	1,037	-	337	-	6,085	-	1,203	9,508	1%
TOTAL FINAL DEMAND SECTORS	215,597	47,919	284,714	223,430	-	337,015	41,719	168,694	1,319,088	84%
TRANSFORMATION										
ELECTRICITY GEN.	6,417	448	-	-	-	4,066	324,432	-114,144	221,219	14%
PETROLEUM PRODUCTS	-42,460	-81,042	-115,788	-103,522	322,122	9,709	-	-	-10,981	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-36,043	-80,594	-115,788	-103,522	322,122	13,775	324,432	-114,144	210,238	13%
TOTAL GROSS FLOWS	222,014	48,367	284,714	223,430	322,122	350,790	366,151	168,694	1,540,307	98%
LOSSES & OMISSIONS	-9	-12	-84	28,195	-30	3,726	-220	17,167	48,731	3%
TOTAL NET USAGE	179,544	-32,687	168,841	148,103	322,091	354,516	365,930	71,717	1,578,057	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	4,549	4,549	15%
NUCLEAR	-	-	-	-	-	-	-	24,615	24,615	83%
GEO. &SOLAR	-	-	-	-	-	-	-	366	366	1%
TOTAL SUPPLY	-	-	-	-	-	-	-	29,530	29,530	
NET IMPORTS OF REGION	179,544	-32,687	168,841	148,103	322,091	354,516	365,930	42,187	1,548,527	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.96%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	11,112	1,039	-	35,423	-	41,123	44	65,025	153,766	19%
INDUSTRIAL	14,791	8,159	-	36,915	-	174,602	28,013	50,779	313,259	38%
TRANSPORTATION	26,850	426	153,810	6,673	-	10,382	-	-	197,341	24%
MISCELLANEOUS USES	529	402	-	212	-	3,533	-	663	5,339	1%
TOTAL FINAL DEMAND SECTORS	52,482	10,026	153,810	79,223	-	229,640	28,057	116,467	669,705	82%
TRANSFORMATION										
ELECTRICITY GEN.	5,656	1,292	-	-	-	71,127	138,126	-70,135	146,066	18%
PETROLEUM PRODUCTS	-153,940	-40,866	-261,064	-200,411	616,666	18,585	-	-	-21,030	-2%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-148,284	-39,574	-261,064	-200,411	616,666	89,712	138,126	-70,135	125,036	15%
TOTAL GROSS FLOWS	58,138	11,318	153,810	79,223	616,666	319,352	166,183	116,467	815,771	100%
LOSSES & OMISSIONS	-2	-2	-45	9,997	-57	3,392	-100	11,852	25,033	3%
TOTAL NET USAGE	-95,304	-29,550	-107,299	-111,190	616,608	322,744	166,082	58,184	819,774	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	421,019	177,655	-	-	598,674	89%
HYDROELECTEIC	-	-	-	-	-	-	-	26	26	0%
NUCLEAR	-	-	-	-	-	-	-	75,607	75,607	11%
GEO.&SOLAR	-	-	-	-	-	-	-	179	179	0%
TOTAL SUPPLY	-	-	-	-	421,019	177,655	-	75,812	674,486	
NET IMPORTS OF REGION	-95,804	-29,550	-107,299	-111,190	195,589	145,089	166,082	-17,627	145,288	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.56%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 29 MISSOURI 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	53,083	9,054	-	98,104	-	195,701	-	141,905	497,847	26%
INDUSTRIAL	9,895	15,524	-	70,127	-	177,701	90,889	45,787	409,923	22%
TRANSPORTATION	64,391	-	356,592	119,868	-	21,644	-	-	562,495	30%
MISCELLANEOUS USES	1,026	1,419	-	408	-	9,300	-	1,385	13,538	1%
TOTAL FINAL DEMAND SECTORS	128,395	25,997	356,592	288,507	-	404,346	90,889	189,077	1,483,803	78%
TRANSFORMATION										
ELECTRICITY GEN.	8,688	235	-	-	-	18,697	521,046	-186,154	362,512	19%
PETROLEUM PRODUCTS	-68,423	-51,660	-112,766	-100,650	313,369	9,445	-	-	-10,685	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-59,735	-51,425	-112,766	-100,650	313,369	28,142	521,046	-186,154	351,827	19%
TOTAL GROSS FLOWS	137,083	26,232	356,592	288,507	313,369	432,488	611,935	189,077	1,846,315	97%
LOSSES & OMISSIONS	-5	-6	-105	36,407	-29	4,594	-369	19,241	59,726	3%
TOTAL NET USAGE	68,654	-25,434	243,720	224,264	313,339	437,082	611,565	22,164	1,895,356	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	902	525	98,777	-	100,204	68%
HYDROELECTRIC	-	-	-	-	-	-	-	11,578	11,578	8%
NUCLEAR	-	-	-	-	-	-	-	35,923	35,923	24%
GEO.&SOLAR	-	-	-	-	-	-	-	347	347	0%
TOTAL SUPPLY	-	-	-	-	902	525	98,777	47,848	148,052	
NET IMPORTS OF REGION	68,654	-25,434	243,720	224,264	312,437	436,557	512,788	-25,683	1,747,304	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.07%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 30 MONTANA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	10,132	707	-	11,041	-	31,521	109	22,366	75,876	17%
INDUSTRIAL	14,207	6,872	-	13,714	-	59,306	10,166	58,044	162,309	36%
TRANSPORTATION	37,634	3	51,360	15,673	-	2,908	-	-	107,578	24%
MISCELLANEOUS USES	73	157	-	29	-	2,948	-	339	3,546	1%
TOTAL FINAL DEMAND SECTORS	62,046	7,739	51,360	40,457	-	96,683	10,275	80,749	349,309	78%
TRANSFORMATION										
ELECTRICITY GEN.	-	-	-	-	-	75,859	66,107	-44,561	97,405	22%
PETROLEUM PRODUCTS	-90,457	-27,169	-199,570	-90,637	383,216	11,550	-	-	-13,067	-2%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-90,457	-27,169	-199,570	-90,637	383,216	87,409	66,107	-44,561	84,338	19%
TOTAL GROSS FLOWS	62,046	7,739	51,360	40,457	383,216	184,092	76,382	80,749	446,714	100%
LOSSES & OMISSIONS	-2	-1	-15	5,105	-35	1,955	-46	8,217	15,176	3%
TOTAL NET USAGE	-28,413	-19,431	-148,225	-45,074	383,180	186,047	76,335	44,405	448,823	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	260,414	117,628	1,643,052	-	2,021,094	98%
HYDROELECTRIC	-	-	-	-	-	-	-	27,784	27,784	1%
NUCLEAR	-	-	-	-	-	-	-	9,522	9,522	0%
GEO.&SOLAR	-	-	-	-	-	-	-	287	287	0%
TOTAL SUPPLY	-	-	-	-	260,414	117,628	1,643,052	37,593	2,058,687	
NET IMPORTS OF REGION	-28,413	-19,431	-148,225	-45,074	122,766	68,419	-1,566,716	6,812	-1,609,863	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.61%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 31 NEBRASKA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	18,048	1,406	-	28,525	-	66,351	-	48,795	163,125	28%
INDUSTRIAL	5,901	5,975	-	9,390	-	54,035	16,696	27,018	119,015	21%
TRANSPORTATION	37,267	15	110,506	11,887	-	6,281	-	-	165,956	29%
MISCELLANEOUS USES	297	310	-	119	-	3,996	-	962	5,684	1%
TOTAL FINAL DEMAND SECTORS	61,513	7,706	110,506	49,921	-	130,663	16,696	76,775	453,780	79%
TRANSFORMATION										
ELECTRICITY GEN.	3,784	231	-	-	-	5,487	149,955	-54,020	105,437	18%
PETROLEUM PRODUCTS	-979	-1,869	-2,670	-2,387	7,429	224	-	-	-252	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	2,805	-1,638	-2,670	-2,387	7,429	5,711	149,955	-54,020	105,185	18%
TOTAL GROSS FLOWS	65,297	7,937	110,506	49,921	7,429	136,374	166,651	76,775	559,217	97%
LOSSES & OMISSIONS	-2	-1	-32	6,299	-0	1,448	-100	7,813	15,422	3%
TOTAL NET USAGE	64,315	6,066	107,803	53,833	7,428	137,822	166,550	30,568	574,387	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	77,736	8,034	-	-	85,770	67%
HYDROELECTRIC	-	-	-	-	-	-	-	5,081	5,081	4%
NUCLEAR	-	-	-	-	-	-	-	37,219	37,219	29%
GEO. &SOLAR	-	-	-	-	-	-	-	149	149	0%
TOTAL SUPPLY	-	-	-	-	77,736	8,034	-	42,449	128,219	
NET IMPORTS OF REGION	64,315	6,066	107,803	53,833	-70,307	129,788	166,550	-11,880	446,168	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.12%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.29%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 32 NEVADA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	10,890	345	-	11,390	-	14,358	26	43,659	80,678	22%
INDUSTRIAL	6,636	2,181	-	2,243	-	25,836	7,740	7,567	52,203	14%
TRANSPORTATION	9,048	-	57,961	37,304	-	2,938	-	-	107,301	30%
MISCELLANEOUS USES	75	60	-	30	-	650	-	388	1,203	0%
TOTAL FINAL DEMAND SECTORS	26,649	2,586	57,961	50,967	-	43,842	7,766	51,614	241,385	67%
TRANSFORMATION										
ELECTRICITY GEN.	407	-	-	-	-	29,195	127,843	-49,531	107,914	30%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	407	-	-	-	-	29,195	127,843	-49,531	107,914	30%
TOTAL GROSS FLOWS	27,056	2,586	57,961	50,967	-	73,037	135,609	51,614	349,299	97%
LOSSES & EMISSIONS	-1	-0	-17	6,431	-	775	-81	5,252	12,359	3%
TOTAL NET USAGE	27,054	2,585	57,943	57,398	-	73,812	135,527	7,335	361,658	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	1,486	-	-	-	1,486	33%
HYDROELECTRIC	-	-	-	-	-	-	-	9	9	0%
NUCLEAR	-	-	-	-	-	-	-	2,942	2,942	65%
GEO. &SOLAR	-	-	-	-	-	-	-	89	89	2%
TOTAL SUPPLY	-	-	-	-	1,486	-	-	3,040	4,526	
NET IMPORTS OF REGION	27,054	2,585	57,943	57,398	-1,486	73,812	135,527	4,295	357,132	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.54%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 33 NEW HAMPSHIRE 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	57,779	18,815	-	6,187	-	8,427	-	18,962	110,170	50%
INDUSTRIAL	3,614	16,636	-	6,372	-	4,986	1,013	11,884	44,505	20%
TRANSPORTATION	2,736	224	49,236	619	-	693	-	-	53,508	24%
MISCELLANEOUS USES	192	2,204	-	77	-	396	-	84	2,953	1%
TOTAL FINAL DEMAND SECTORS	64,321	37,879	49,236	13,255	-	14,502	1,013	30,930	211,136	96%
TRANSFORMATION										
ELECTRICITY GEN.	230	22,677	-	-	-	1,927	34,105	-19,745	39,194	18%
PETROLEUM PRODUCTS	-197,948	-73,524	-274,780	-539,048	1,019,790	30,736	-	-	-34,774	-15%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-197,718	-50,847	-274,780	-539,048	1,019,790	32,663	34,105	-19,745	4,420	2%
TOTAL GROSS FLOWS	64,551	60,556	49,236	13,255	1,019,790	47,165	35,118	30,930	250,330	113%
LOSSES & OMISSIONS	-2	-15	-14	1,672	-95	501	-21	3,147	5,172	2%
TOTAL NET USAGE	-133,399	-12,983	-225,558	-524,120	1,019,694	47,666	35,096	14,332	220,728	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	4,667	4,667	10%
NUCLEAR	-	-	-	-	-	-	-	41,069	41,069	90%
GEO.&SOLAR	-	-	-	-	-	-	-	119	119	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	45,855	45,855	
NET IMPORTS OF REGION	-133,399	-12,983	-225,558	-524,120	1,019,694	47,666	35,096	-31,522	174,873	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.50%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 34 NEW JERSEY 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	399,653	107,200	-	50,761	-	184,929	360	197,217	940,120	29%
INDUSTRIAL	51,811	150,535	-	371,170	-	180,111	91,265	146,937	991,829	31%
TRANSPORTATION	79,091	171,414	431,306	107,800	-	14,552	522	2,021	806,705	25%
MISCELLANEOUS USES	1,903	11,240	-	761	-	7,392	-	65	21,361	1%
TOTAL FINAL DEMAND SECTORS	532,458	440,389	431,306	530,492	-	386,984	92,147	346,240	2,760,016	85%
TRANSFORMATION										
ELECTRICITY GEN.	227	72,040	-	-	-	52,200	481,055	-199,466	406,056	13%
PETROLEUM PRODUCTS	-195,226	-72,513	-271,002	-531,636	1,005,767	30,314	-	-	-34,296	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-194,999	-473	-271,002	-531,636	1,005,767	82,514	481,055	-199,466	371,760	11%
TOTAL GROSS FLOWS	532,685	512,429	431,306	530,492	1,005,767	469,498	573,202	346,240	3,166,072	98%
LOSSES & OMISSIONS	-22	-127	-128	66,944	-94	4,987	-345	35,235	106,449	3%
TOTAL NET USAGE	337,436	439,788	160,175	65,800	1,005,672	474,485	572,856	182,009	3,238,225	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	3,950	3,950	3%
NUCLEAR	-	-	-	-	-	-	-	136,304	136,304	97%
GEO. &SOLAR	-	-	-	-	-	-	-	699	699	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	140,953	140,953	
NET IMPORTS OF REGION	337,436	439,788	160,175	65,800	1,005,672	474,485	572,856	41,056	3,097,272	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.06%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 35 NEW MEXICO 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	4,465	80	-	16,974	-	31,293	41	32,995	85,848	22%
INDUSTRIAL	1,803	723	-	5,208	-	51,253	5,338	3,578	67,903	17%
TRANSPORTATION	33,288	-	80,771	14,535	-	4,760	-	-	133,354	34%
MISCELLANEOUS USES	119	64	-	46	-	2,800	-	1,328	4,357	1%
TOTAL FINAL DEMAND SECTORS	39,675	867	80,771	36,763	-	90,106	5,379	37,901	291,462	74%
TRANSFORMATION										
ELECTRICITY GEN.	82	-	-	-	-	33,322	113,747	-46,205	100,946	25%
PETROLEUM PRODUCTS	-43,423	-11,527	-73,642	-56,533	173,951	5,243	-	-	-5,931	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-43,341	-11,527	-73,642	-56,533	173,951	38,565	113,747	-46,205	95,015	24%
TOTAL GROSS FLOWS	39,757	867	80,771	36,763	173,951	128,671	119,126	37,901	392,408	99%
LOSSES & OMISSIONS	-1	-0	-24	4,639	-16	1,366	-71	3,857	9,749	2%
TOTAL NET USAGE	-3,667	-10,660	7,104	-15,130	173,934	130,037	119,054	-4,446	396,226	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	866,928	1,324,520	326,028	-	2,517,476	100%
HYDROELECTRIC	-	-	-	-	-	-	-	225	225	0%
NUCLEAR	-	-	-	-	-	-	-	1,951	1,951	0%
GEO.&SOLAR	-	-	-	-	-	-	-	59	59	0%
TOTAL SUPPLY	-	-	-	-	866,928	1,324,520	326,028	2,235	2,519,711	
NET IMPORTS OF REGION	-3,667	-10,660	7,104	-15,130	-692,993	-1,194,482	-206,973	-6,681	-2,123,484	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.60%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 36 NEW YORK 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	680,690	392,038	-	113,169	-	371,415	4,783	403,935	1,966,031	34%
INDUSTRIAL	38,937	94,281	-	324,068	-	177,167	187,526	245,066	1,067,045	18%
TRANSPORTATION	47,972	202,403	777,482	492,282	-	34,522	1,183	9,499	1,565,343	27%
MISCELLANEOUS USES	4,516	41,074	-	1,806	-	11,613	-	15,701	74,710	1%
TOTAL FINAL DEMAND SECTORS	772,115	729,796	777,482	931,325	-	594,718	193,492	674,201	4,673,129	81%
TRANSFORMATION										
ELECTRICITY GEN.	187	337,010	-	-	-	102,897	959,195	-458,939	940,350	16%
PETROLEUM PRODUCTS	-81,997	-30,456	-113,822	-223,290	422,430	12,731	-	-	-14,404	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-81,810	306,554	-113,822	-223,290	422,430	115,628	959,195	-458,939	925,946	16%
TOTAL GROSS FLOWS	772,302	1,066,806	777,482	931,325	422,430	710,346	1,152,687	674,201	5,613,479	97%
LOSSES & OMISSIONS	-32	-266	-231	117,527	-39	7,545	-695	68,610	192,419	3%
TOTAL NET USAGE	690,272	1,036,083	663,428	825,562	422,390	717,891	1,151,991	283,872	5,791,494	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	9,872	17,466	-	-	27,338	8%
HYDROELECTRIC	-	-	-	-	-	-	-	110,589	110,589	32%
NUCLEAR	-	-	-	-	-	-	-	203,146	203,146	59%
GEO.&SOLAR	-	-	-	-	-	-	-	981	981	0%
TOTAL SUPPLY	-	-	-	-	9,872	17,456	-	314,716	342,054	
NET IMPORTS OF REGION	690,272	1,036,083	663,428	825,562	412,518	700,425	1,151,991	-30,843	5,449,440	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.20%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 37 NORTH CAROLINA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	121,021	11,738	-	65,466	-	45,346	46	198,289	441,906	22%
INDUSTRIAL	46,691	81,011	-	93,444	-	169,086	99,007	116,602	605,841	30%
TRANSPORTATION	61,437	287	329,916	24,766	-	7,319	-	-	423,725	21%
MISCELLANEOUS USES	1,095	2,408	-	437	-	3,864	-	4,144	11,948	1%
TOTAL FINAL DEMAND SECTORS	230,244	95,444	329,916	184,113	-	225,615	99,053	319,035	1,483,420	73%
TRANSFORMATION										
ELECTRICITY GEN.	504	11,898	-	-	-	16,269	687,635	-237,152	479,154	24%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	504	11,898	-	-	-	16,269	687,635	-237,152	479,154	24%
TOTAL GROSS FLOWS	230,748	107,342	329,916	184,113	-	241,884	786,688	319,035	1,962,574	97%
LOSSES & OMISSIONS	-9	-26	-98	23,233	-	2,569	-474	32,466	57,661	3%
TOTAL NET USAGE	230,738	107,315	329,817	207,346	-	244,453	786,213	114,349	2,020,235	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	25,355	25,355	16%
NUCLEAR	-	-	-	-	-	-	-	128,708	128,708	83%
GEO.&SOLAR	-	-	-	-	-	-	-	258	258	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	154,321	154,321	
NET IMPORTS OF REGION	230,738	107,315	329,817	207,346	-	244,453	786,213	-39,971	1,865,914	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.89%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 38 NORTH DAKOTA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	17,028	1,377	-	10,844	-	13,737	-	15,299	58,285	24%
INDUSTRIAL	4,818	4,466	-	9,756	-	3,070	6,910	9,844	41,864	17%
TRANSPORTATION	11,813	-	46,452	566	-	2,338	-	-	61,169	25%
MISCELLANEOUS USES	110	344	-	44	-	1,750	-	373	2,621	1%
TOTAL FINAL DEMAND SECTORS	33,769	6,187	46,452	21,210	-	25,895	6,910	25,516	163,939	66%
TRANSFORMATION										
ELECTRICITY GEN.	447	885	-	-	-	556	121,027	-41,969	80,946	33%
PETROLEUM PRODUCTS	-11,488	-21,927	-31,328	-28,008	87,154	2,627	-	-	-2,970	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-11,041	-21,042	-31,328	-28,008	87,154	3,183	121,027	-41,969	77,976	32%
TOTAL GROSS FLOWS	34,216	7,072	46,452	21,210	87,154	29,078	125,937	25,516	244,885	99%
LOSSES & OMISSIONS	-1	-1	-13	2,676	-8	308	-76	2,596	5,430	2%
TOTAL NET USAGE	22,726	-14,856	15,110	-4,121	87,145	29,386	125,860	-13,856	247,355	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	175,240	51,961	1,174,132	-	1,401,333	99%
HYDROELECTRIC	-	-	-	-	-	-	-	9,104	9,104	1%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	49	49	0%
TOTAL SUPPLY	-	-	-	-	175,240	51,961	1,174,132	9,153	1,410,486	
NET IMPORTS OF REGION	22,726	-14,856	15,110	-4,121	-88,094	-22,574	-1,048,271	-23,009	-1,163,090	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.86%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 39 OHIO 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	118,386	5,100	-	111,680	-	580,533	16,716	312,235	1,145,650	23%
INDUSTRIAL	44,951	53,575	-	249,772	-	696,693	636,189	222,885	1,904,065	38%
TRANSPORTATION	123,126	24	643,269	91,469	-	41,015	-	-	898,903	18%
MISCELLANEOUS USES	3,581	2,036	-	1,433	-	21,600	-	5,845	34,495	1%
TOTAL FINAL DEMAND SECTORS	290,044	61,735	643,269	454,354	-	1,339,841	652,905	540,965	3,983,113	80%
TRANSFORMATION										
ELECTRICITY GEN.	21,466	12,402	-	-	-	44,031	1,302,828	-455,872	924,855	19%
PETROLEUM PRODUCTS	-377,140	-284,743	-621,554	-554,767	1,727,248	52,058	-	-	-58,898	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-355,674	-272,341	-621,554	-554,767	1,727,248	96,089	1,302,828	-455,872	865,957	17%
TOTAL GROSS FLOWS	311,510	74,137	643,269	454,354	1,727,248	1,435,930	1,955,733	540,965	4,907,968	99%
LOSSES & OMISSIONS	-13	-18	-191	57,336	-161	15,252	-1,180	55,051	126,076	3%
TOTAL NET USAGE	-65,643	-210,624	21,523	-43,076	1,727,086	1,451,182	1,954,552	140,144	4,975,146	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	149,416	148,833	1,322,404	-	1,620,653	94%
HYDROELECTRIC	-	-	-	-	-	-	-	352	352	0%
NUCLEAR	-	-	-	-	-	-	-	104,088	104,088	6%
GEO.&SOLAR	-	-	-	-	-	-	-	458	458	0%
TOTAL SUPPLY	-	-	-	-	149,416	148,833	1,322,404	104,898	1,725,551	
NET IMPORTS OF REGION	-65,643	-210,624	21,523	-43,076	1,577,670	1,302,349	632,148	35,246	3,249,595	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.98%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 40 OKLAHOMA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	1[illegible],333	870	-	48,205	-	84,081	-	79,114	223,603	17%
INDUSTRIAL	9,692	4,499	-	99,578	-	307,596	1,699	30,913	453,977	35%
TRANSPORTATION	68,587	156	215,202	59,277	-	35,572	-	-	378,794	29%
MISCELLANEOUS USES	506	363	-	201	-	7,161	-	3,234	11,465	1%
TOTAL FINAL DEMAND SECTORS	90,118	5,888	215,202	207,261	-	434,410	1,699	113,261	1,067,839	83%
TRANSFORMATION										
ELECTRICITY GEN.	7,010	-	-	-	-	222,899	89,922	-107,566	212,265	16%
PETROLEUM PRODUCTS	-120,817	-230,595	-329,459	-294,557	916,549	27,624	-	-	-31,255	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-113,807	-230,595	-329,459	-294,557	916,549	250,523	89,922	-107,566	181,010	14%
TOTAL GROSS FLOWS	97,128	5,888	215,202	207,261	916,549	684,933	91,621	113,261	1,280,104	99%
LOSSES & OMISSIONS	-4	-1	-63	26,155	-85	7,275	-55	11,526	44,746	3%
TOTAL NET USAGE	-23,693	-224,708	-114,320	-61,140	916,463	692,208	91,565	17,221	1,293,595	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	1,383,977	1,823,484	51,648	-	3,259,109	98%
HYDROELECTRIC	-	-	-	-	-	-	-	4,425	4,425	0%
NUCLEAR	-	-	-	-	-	-	-	51,266	51,266	2%
GEO.&SOLAR	-	-	-	-	-	-	-	1,185	1,185	0%
TOTAL SUPPLY	-	-	-	-	1,383,977	1,823,484	51,648	56,876	3,315,985	
NET IMPORTS OF REGION	-23,693	-224,708	-114,320	-61,140	-467,513	-1,131,275	39,917	-39,654	-2,022,389	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.37%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 41 OREGON 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	42,895	21,656	-	23,601	-	46,660	-	85,588	220,400	23%
INDUSTRIAL	26,994	25,493	-	29,213	-	98,052	6,120	88,194	275,066	29%
TRANSPORTATION	91,940	400	252,424	29,393	-	6,209	-	-	380,366	40%
MISCELLANEOUS USES	443	2,675	-	176	-	1,471	-	278	5,043	1%
TOTAL FINAL DEMAND SECTORS	162,272	51,224	252,424	82,383	-	152,392	6,120	174,060	880,875	93%
TRANSFORMATION										
ELECTRICITY GEN.	19,308	6,105	-	-	-	1,056	39,749	-21,016	45,202	5%
PETROLEUM PRODUCTS	-79,290	-46,912	-120,216	-91,193	317,233	9,561	-	-	-10,817	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-59,982	-40,807	-120,216	-91,193	317,233	10,617	39,749	-21,016	34,385	4%
TOTAL GROSS FLOWS	181,580	57,329	252,424	82,383	317,233	163,009	45,869	174,060	926,077	98%
LOSSES & OMISSIONS	-7	-14	-75	10,396	-29	1,731	-27	17,713	29,686	3%
TOTAL NET USAGE	102,282	10,402	132,132	1,586	317,203	164,740	45,841	170,757	944,946	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	170,798	170,798	90%
NUCLEAR	-	-	-	-	-	-	-	16,523	16,523	9%
GEO.&SOLAR	-	-	-	-	-	-	-	2,048	2,048	1%
TOTAL SUPPLY	-	-	-	-	-	-	-	189,369	189,369	
NET IMPORTS OF REGION	102,282	10,402	132,132	1,586	317,203	164,740	45,841	-18,611	755,577	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.26%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 42 PENNSYLVANIA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	322,390	104,529	-	69,890	-	342,398	41,505	281,607	1,162,319	23%
INDUSTRIAL	52,934	134,025	-	422,032	-	435,623	634,851	291,746	1,972,211	38%
TRANSPORTATION	115,739	59,018	615,206	136,771	-	22,267	677	2,895	952,593	19%
MISCELLANEOUS USES	2,915	11,166	-	1,164	-	11,634	-	686	27,565	1%
TOTAL FINAL DEMAND SECTORS	493,978	308,738	615,206	629,857	-	812,962	677,033	576,934	4,114,688	80%
TRANSFORMATION										
ELECTRICITY GEN.	136	113,081	-	-	-	85,408	1,079,536	-422,353	855,848	17%
PETROLEUM PRODUCTS	-187,311	-69,574	-260,019	-510,088	965,003	29,084	-	-	-32,905	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	65,190	-21,790	43,400	1%
NET FUEL USED IN TRANSFORMATION	-187,175	43,507	-260,019	-510,088	965,003	114,532	1,144,726	-444,143	866,343	17%
TOTAL GROSS FLOWS	494,114	421,819	615,206	629,857	965,003	927,494	1,821,759	576,934	5,013,936	98%
LOSSES & OMISSIONS	-20	-105	-182	79,484	-90	9,851	-1,099	58,712	146,549	3%
TOTAL NET USAGE	306,782	352,139	355,004	199,253	964,912	937,325	1,820,659	191,503	5,127,580	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	65,659	164,792	2,272,940	-	2,503,391	93%
HYDROELECTRIC	-	-	-	-	-	-	-	12,578	12,578	0%
NUCLEAR	-	-	-	-	-	-	-	184,743	184,743	7%
GEO.&SOLAR	-	-	-	-	-	-	-	2,010	2,010	0%
TOTAL SUPPLY	-	-	-	-	65,659	164,792	2,272,940	199,331	2,702,722	
NET IMPORTS OF REGION	306,782	352,139	355,004	199,253	899,253	772,533	-452,280	-7,827	2,424,858	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.96%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS =66.57%

STATE 44 RHODE ISIAND 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 ETU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	60,592	28,663	-	7,355	-	20,812	-	21,775	139,197	51%
INDUSTRIAL	1,825	6,321	-	10,284	-	9,014	2,447	7,038	36,929	14%
TRANSPORTATION	5,473	2,576	50,446	3,264	-	845	-	-	62,604	23%
MISCELLANEOUS USES	235	4,674	-	94	-	1,181	-	482	6,666	2%
TOTAL FINAL DEMAND SECTORS	68,125	42,234	50,446	20,997	-	31,852	2,447	29,295	245,396	91%
TRANSFORMATION										
ELECTRICITY GEN.	-	6,629	-	-	-	1,781	23,987	-10,990	21,407	8%
PETROLEUM PRODUCTS	-9,897	-3,676	-13,739	-26,953	50,989	1,537	-	-	-1,739	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-9,897	2,953	-13,739	-26,953	50,989	3,318	23,987	-10,990	19,668	7%
TOTAL GROSS FLOWS	68,125	48,863	50,446	20,997	50,989	35,170	26,434	29,295	266,803	98%
LOSSES & OMISSIONS	-2	-12	-14	2,649	-4	373	-15	2,981	5,953	2%
TOTAL NET USAGE	58,225	45,174	36,692	-3,306	50,984	35,543	26,418	21,286	271,017	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	57	57	0%
NUCLEAR	-	-	-	-	-	-	-	20,534	20,534	99%
GEO. &SOLAR	-	-	-	-	-	-	-	112	112	1%
TOTAL SUPPLY	-	-	-	-	-	-	-	20,703	20,703	
NET IMPORTS OF REGION	58,225	45,174	36,692	-3,306	50,984	35,543	26,418	583	250,314	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.08%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 45 SOUTH CAROLINA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	37,408	1,339	-	29,724	-	31,450	25	94,641	194,587	15%
INDUSTRIAL	20,751	49,565	-	62,109	-	145,896	71,664	85,717	435,702	34%
TRANSPORTATION	21,382	3,192	396,192	7,846	-	3,565	-	-	432,177	33%
MISCELLANEOUS USES	533	509	-	214	-	3,832	-	2,425	7,513	1%
TOTAL FINAL DEMAND SECTORS	80,074	54,605	396,192	99,893	-	184,743	71,689	182,783	1,069,979	83%
TRANSFORMATION										
ELECTRICITY GEN.	1,004	18,889	-	-	-	9,722	250,210	-92,104	187,721	15%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1,004	18,889	-	-	-	9,722	250,210	-92,104	187,721	15%
TOTAL GROSS FLOWS	81,078	73,494	396,192	99,893	-	194,465	321,899	182,783	1,257,700	97%
LOSSES & EMISSIONS	-3	-18	-117	12,605	-	2,065	-194	18,601	32,938	3%
TOTAL NET USAGE	81,074	73,475	396,074	112,498	-	196,530	321,704	109,280	1,290,638	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	14,105	14,105	8%
NUCLEAR	-	-	-	-	-	-	-	162,448	162,448	92%
GEO.&SOLAR	-	-	-	-	-	-	-	154	154	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	176,707	176,707	
NET IMPORTS OF REGION	81,074	73,475	396,074	112,498	-	196,530	321,704	-67,426	1,113,931	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.09%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 46 SOUTH DAKOTA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	19,480	28	-	12,347	-	16,781	-	25,414	74,050	36%
INDUSTRIAL	4,732	3,292	-	4,181	-	4,484	189	6,986	23,864	12%
TRANSPORTATION	8,401	-	53,985	2,912	-	2,661	-	-	67,959	33%
MISCELLANEOUS USES	127	57	-	50	-	1,729	-	362	2,325	1%
TOTAL FINAL DEMAND SECTORS	32,740	3,377	53,985	19,490	-	25,655	189	32,762	168,198	83%
TRANSFORMATION										
ELECTRICITY GEN.	1,991	70	-	-	-	600	41,478	-14,934	29,205	14%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1,991	70	-	-	-	600	41,478	-14,934	29,205	14%
TOTAL GROSS FLOWS	34,731	3,447	53,985	19,490	-	26,255	41,667	32,762	197,403	97%
LOSSES & OMISSIONS	-1	-0	-16	2,459	-	278	-25	3,334	6,028	3%
TOTAL NET USAGE	34,729	3,446	53,968	21,949	-	26,533	41,641	21,162	203,431	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	811	-	-	-	811	2%
HYDROELECTRIC	-	-	-	-	-	-	-	31,725	31,725	97%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	59	59	0%
TOTAL SUPPLY	-	-	-	-	811	-	-	31,784	32,595	
NET IMPORTS OF REGION	34,729	3,446	53,968	21,949	-811	26,533	41,641	-10,621	170,836	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.17%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 47 TENNESSEE 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	18,575	2,959	-	70,657	-	85,651	146	171,268	349,256	18%
INDUSTRIAL	26,646	9,487	-	123,691	-	197,239	253,039	164,805	774,907	40%
TRANSPORTATION	109,711	768	303,922	51,450	-	21,173	-	-	487,024	25%
MISCELLANEOUS USES	1,078	771	-	432	-	5,589	-	45	7,915	0%
TOTAL FINAL DEMAND SECTORS	156,010	13,985	303,922	246,230	-	309,652	253,185	336,118	1,619,102	83%
TRANSFORMATION										
ELECTRICITY GEN.	16,669	-	-	-	-	19,850	365,736	-134,090	268,165	14%
PETROLEUM PRODUCTS	-28,073	-21,195	-46,266	-41,294	128,569	3,875	-	-	-4,384	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-11,404	-21,195	-46,266	-41,294	128,569	23,725	365,736	-134,090	263,781	14%
TOTAL GROSS FLOWS	172,679	13,985	303,922	246,230	128,569	333,377	618,921	336,118	1,887,267	97%
LOSSES & OMISSIONS	-7	-3	-90	31,072	-12	3,541	-373	34,205	68,332	4%
TOTAL NET USAGE	144,598	-7,213	257,565	236,008	128,556	336,918	618,547	236,233	1,951,215	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	1,030	-	177,755	-	178,785	42%
HYDROELECTRIC	-	-	-	-	-	-	-	27,706	27,706	7%
NUCLEAR	-	-	-	-	-	-	-	218,049	218,049	51%
GEO.&SOLAR	-	-	-	-	-	-	-	532	532	0%
TOTAL SUPPLY	-	-	-	-	1,030	-	177,755	246,287	425,072	
NET IMPORTS OF REGION	144,598	-7,213	257,565	236,008	127,526	335,918	440,792	-10,053	1,526,143	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.67%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 48 TEXAS 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
				(ALL UNITS IN 10**9 BTU'S)						
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	38,466	6,300	-	209,595	-	248,507	-	394,819	897,687	11%
INDUSTRIAL	46,253	30,785	-	645,287	-	3,224,420	16,511	259,656	4,222,912	52%
TRANSPORTATION	348,209	22,879	925,968	343,253	-	158,471	-	-	1,798,780	22%
MISCELLANEOUS USES	2,247	1,801	-	899	-	14,570	-	8,315	27,832	0%
TOTAL FINAL DEMAND SECTORS	435,175	51,765	925,968	1,199,034	-	3,645,968	16,511	662,790	6,947,211	85%
TRANSFORMATION										
ELECTRICITY GEN.	40,905	-	-	-	-	1,300,206	429,279	-593,169	1,177,221	14%
PETROLEUM PRODUCTS	-1,952,147	-518,203	-3,310,625	-2,541,470	7,820,099	235,695	-	-	-266,651	-2%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-1,911,242	-518,203	-3,310,625	-2,541,470	7,820,099	1,535,901	429,279	-593,169	910,570	11%
TOTAL GROSS FLOWS	476,080	51,765	925,968	1,199,034	7,820,099	5,181,869	445,790	662,790	8,124,432	100%
LOSSES & OMISSIONS	-19	-15	-275	151,310	-732	55,043	-259	67,449	272,491	3%
TOTAL NET USAGE	-1,476,086	-456,453	-2,384,932	-1,191,125	7,819,366	5,236,912	445,520	137,070	8,130,272	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	9,046,069	8,418,504	443,528	-	17,908,101	99%
HYDROELECTRIC	-	-	-	-	-	-	-	4,842	4,842	0%
NUCLEAR	-	-	-	-	-	-	-	116,191	116,191	1%
GEO.&SOLAR	-	-	-	-	-	-	-	3,272	3,272	0%
TOTAL SUPPLY	-	-	-	-	9,046,069	8,418,504	443,528	124,305	18,032,406	
NET IMPORTS OF REGION	-1,476,086	-456,453	-2,384,932	-1,191,125	-1,226,702	-3,181,591	1,992	12,765	-9,902,133	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.50%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 49 UTAH 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	14,632	1,985	-	20,049	-	44,783	103	33,980	115,532	23%
INDUSTRIAL	25,435	13,584	-	19,678	-	55,621	29,906	9,657	153,881	31%
TRANSPORTATION	40,569	1	90,856	23,821	-	5,377	-	-	160,624	32%
MISCELLANEOUS USES	135	411	-	53	-	2,754	-	1,207	4,550	1%
TOTAL FINAL DEMAND SECTORS	80,771	15,981	90,856	63,601	-	108,535	30,009	44,844	434,537	86%
TRANSFORMATION										
ELECTRICITY GEN.	12	-	-	-	-	22,959	75,108	-30,878	67,201	13%
PETROLEUM PRODUCTS	-88,035	-26,441	-194,229	-88,210	372,958	11,241	-	-	-12,716	-2%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-88,023	-26,441	-194,229	-88,210	372,958	34,200	75,108	-30,878	54,485	11%
TOTAL GROSS FLOWS	80,783	15,981	90,856	63,601	372,958	142,735	105,117	44,844	501,798	100%
LOSSES & OMISSIONS	-3	-3	-26	8,026	-34	1,516	-63	4,563	13,973	3%
TOTAL NET USAGE	-7,255	-10,463	-103,399	-16,582	372,923	144,251	105,053	18,529	503,055	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	278,658	106,918	893,510	-	1,279,086	100%
HYDROELECTRIC	-	-	-	-	-	-	-	3,099	3,099	0%
NUCLEAR	-	-	-	-	-	-	-	2,883	2,883	0%
GEO.&SOLAR	-	-	-	-	-	-	-	86	86	0%
TOTAL SUPPLY	-	-	-	-	278,658	106,918	893,510	6,068	1,285,154	
NET IMPORTS OF REGION	-7,255	-10,463	-103,399	-16,582	94,265	37,333	-788,456	12,461	-782,098	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.52%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 50 VERMONT 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	36,342	302	-	3,580	-	2,048	-	13,011	55,283	45%
INDUSTRIAL	1,295	6,257	-	1,933	-	4,913	153	5,076	19,627	16%
TRANSPORTATION	3,353	133	29,096	410	-	393	-	-	33,385	27%
MISCELLANEOUS USES	109	76	-	44	-	85	-	343	657	1%
TOTAL FINAL DEMAND SECTORS	41,099	6,768	29,096	5,967	-	7,439	153	18,430	108,952	88%
TRANSFORMATION										
ELECTRICITY GEN.	295	1,485	-	-	-	1,123	15,171	-6,168	11,906	10%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	295	1,485	-	-	-	1,123	15,171	-6,168	11,906	10%
TOTAL GROSS FLOWS	41,394	8,253	29,096	5,967	-	8,562	15,324	18,430	120,856	98%
LOSSES & OMISSIONS	-1	-2	-8	752	-	90	-9	1,875	2,697	2%
TOTAL NET USAGE	41,392	8,250	29,087	6,719	-	8,652	15,314	14,137	123,555	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	2,236	2,236	19%
NUCLEAR	-	-	-	-	-	-	-	9,535	9,535	81%
GEO.&SOLAR	-	-	-	-	-	-	-	70	70	1%
TOTAL SUPPLY	-	-	-	-	-	-	-	11,841	11,841	
NET IMPORTS OF REGION	41,392	8,250	29,087	6,719	-	8,652	15,314	2,296	111,714	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.87%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATUEAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 51 VIRGINIA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	128,413	11,614	-	62,838	-	81,016	53	175,488	459,423	25%
INDUSTRIAL	38,986	58,922	-	96,287	-	137,565	168,012	57,463	557,235	30%
TRANSPORTATION	75,322	7,138	294,787	138,727	-	6,856	-	-	522,830	28%
MISCELLANEOUS USES	1,025	3,287	-	409	-	9,542	-	19,258	33,521	2%
TOTAL FINAL DEMAND SECTORS	243,746	80,961	294,787	298,261	-	234,979	168,065	252,209	1,573,008	84%
TRANSFORMATION										
ELECTRICITY GEN.	275	66,100	-	-	-	12,245	283,762	-118,764	243,618	13%
PETROLEUM PRODUCTS	-90,233	-33,490	-103,001	-102,493	309,347	9,323	-	-	-10,547	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-89,958	32,610	-103,001	-102,493	309,347	21,568	283,762	-118,764	233,071	12%
TOTAL GROSS FLOWS	244,021	147,061	294,787	298,261	309,347	256,547	451,827	252,209	1,816,626	97%
LOSSES & OMISSIONS	-10	-36	-87	37,638	-28	2,725	-272	25,666	65,594	4%
TOTAL NET USAGE	153,777	113,534	191,698	233,406	309,318	259,272	451,554	159,111	1,871,673	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	1,200	7,553	929,234	-	937,987	88%
HYDROELECTRIC	-	-	-	-	-	-	-	11,970	11,970	1%
NUCLEAR	-	-	-	-	-	-	-	111,334	111,334	10%
GEO.&SOLAR	-	-	-	-	-	-	-	195	195	0%
TOTAL SUPPLY	-	-	-	-	1,200	7,553	929,234	123,499	1,061,486	
NET IMPORTS OF REGION	153,777	113,534	191,698	233,406	308,118	251,719	-477,679	35,612	810,187	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.23%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.37%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 53 WASHINGTON 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	70,182	22,654	-	35,766	-	74,853	-	135,313	338,768	24%
INDUSTRIAL	43,684	60,537	-	55,380	-	180,539	9,675	127,637	477,452	34%
TRANSPORTATION	52,944	1,226	334,567	106,237	-	9,362	-	-	504,336	36%
MISCELLANEOUS USES	666	4,115	-	267	-	4,028	-	2,179	11,255	1%
TOTAL FINAL DEMAND SECTORS	167,476	88,532	334,567	197,650	-	268,782	9,675	265,129	1,331,811	94%
TRANSFORMATION										
ELECTRICITY GEN.	25,034	2,586	-	-	-	1,601	55,299	-26,837	57,683	4%
PETROLEUM PRODUCTS	-204,230	-120,832	-309,639	-234,887	817,099	24,627	-	-	-27,862	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-179,196	-113,246	-309,639	-234,887	817,099	26,228	55,299	-26,837	29,821	2%
TOTAL GROSS FLOWS	192,510	91,118	334,567	197,650	817,099	295,010	64,974	265,129	1,389,494	98%
LOSSES & OMISSIONS	-8	-22	-99	24,942	-76	3,133	-39	26,981	54,811	4%
TOTAL NET USAGE	-11,728	-29,736	24,828	-12,294	817,022	298,143	64,934	265,273	1,416,443	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	86,080	-	86,080	16%
HYDROELECTRIC	-	-	-	-	-	-	-	399,697	399,697	73%
NUCLEAR	-	-	-	-	-	-	-	59,841	59,841	11%
GEO.&SOLAR	-	-	-	-	-	-	-	3,100	3,100	1%
TOTAL SUPPLY	-	-	-	-	-	-	86,080	462,638	548,718	
NET IMPORTS OF REGION	-11,728	-29,736	24,828	-12,294	817,022	298,143	-21,145	-197,364	867,725	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.25%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 54 WEST VIRGINIA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	11,325	2,932	-	17,194	-	65,015	30	42,858	139,354	11%
INDUSTRIAL	6,109	5,624	-	50,678	-	154,173	248,589	74,829	540,003	43%
TRANSPORTATION	24,231	1,830	76,982	1,590	-	2,205	-	-	106,838	8%
MISCELLANEOUS USES	331	518	-	132	-	3,467	-	52	4,500	0%
TOTAL FINAL DEMAND SECTORS	41,996	10,904	76,982	69,594	-	224,860	248,619	117,739	790,695	63%
TRANSFORMATION										
ELECTRICITY GEN.	7	1,394	-	-	-	6,693	595,211	-200,491	402,814	32%
PETROLEUM PRODUCTS	-7,697	-2,857	-8,787	-8,743	26,389	795	-	-	-900	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	65,190	-21,790	43,400	3%
NET FUEL USED IN TRANSFORMATION	-7,690	-1,463	-8,787	-8,743	26,389	7,488	660,401	-222,281	445,314	35%
TOTAL GROSS FLOWS	42,003	12,298	76,982	69,594	26,389	232,348	909,020	117,739	1,236,908	98%
LOSSES & OMISSIONS	-1	-3	-22	8,782	-2	2,468	-548	11,981	22,653	2%
TOTAL NET USAGE	34,304	9,437	68,172	69,633	26,386	234,815	908,471	-92,560	1,258,661	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	61,759	265,785	3,269,534	-	3,597,078	100%
HYDROELECTRIC	-	-	-	-	-	-	-	312	312	0%
NUCLEAR	-	-	-	-	-	-	-	26	26	0%
GEO.&SOLAR	-	-	-	-	-	-	-	107	107	0%
TOTAL SUPPLY	-	-	-	-	61,759	265,785	3,269,534	445	3,597,523	
NET IMPORTS OF REGION	34,304	9,437	68,172	69,633	-35,372	-30,968	-2,361,062	-93,005	-2,338,851	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.72%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS =66.57%

STATE 55 WISCONSIN 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	146,321	4,300	-	49,332	-	143,607	10,107	122,681	476,348	27%
INDUSTRIAL	20,383	23,794	-	56,891	-	218,038	195,996	77,095	592,197	34%
TRANSPORTATION	41,180	12	264,972	34,440	-	16,488	-	-	357,092	20%
MISCELLANEOUS USES	1,440	1,092	-	576	-	6,717	-	929	10,754	1%
TOTAL FINAL DEMAND SECTORS	209,324	29,198	264,972	141,239	-	384,850	206,103	200,705	1,436,391	82%
TRANSFORMATION										
ELECTRICITY GEN.	14,387	775	-	-	-	16,380	377,238	-134,464	274,316	16%
PETROLEUM PRODUCTS	-8,892	-16,971	-24,247	-21,678	67,455	2,033	-	-	-2,300	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	5,495	-16,196	-24,247	-21,678	67,455	18,413	377,238	-134,464	272,016	16%
TOTAL GROSS FLOWS	223,711	29,973	264,972	141,239	67,455	403,263	583,341	200,705	1,710,707	98%
LOSSES & OMISSIONS	-9	-7	-78	17,823	-6	4,283	-352	20,424	42,078	2%
TOTAL NET USAGE	214,809	12,994	240,646	137,384	67,448	407,546	582,988	86,665	1,750,485	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	3,300	3,300	5%
NUCLEAR	-	-	-	-	-	-	-	69,208	69,208	95%
GEO.&SOLAR	-	-	-	-	-	-	-	169	169	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	72,677	72,677	
NET IMPORTS OF REGION	214,809	12,994	240,646	137,384	67,448	407,546	582,988	13,988	1,677,808	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.11%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

STATE 56 WYOMING 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
				(ALL UNITS IN 10**9 BTU'S)						
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	5,326	1,022	-	5,523	-	15,175	23	13,301	41,370	7%
INDUSTRIAL	28,525	11,025	-	20,432	-	219,125	11,122	6,134	296,363	52%
TRANSPORTATION	37,308	16	33,402	902	-	1,446	-	-	73,074	13%
MISCELLANEOUS USES	37	240	-	14	-	1,801	-	144	2,236	0%
TOTAL FINAL DEMAND SECTORS	71,196	12,303	33,402	26,871	-	238,547	11,145	19,579	413,043	72%
TRANSFORMATION										
ELECTRICITY GEN.	4	-	-	-	-	11,634	172,878	-58,190	126,326	22%
PETROLEUM PRODUCTS	-109,083	-32,762	-240,655	-109,299	462,125	13,928	-	-	-15,756	-2%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	65,190	-21,790	43,400	8%
NET FUEL USED IN TRANSFORMATION	-109,079	-32,762	-240,655	-109,299	462,125	25,562	238,068	-79,980	153,970	27%
TOTAL GROSS FLOWS	71,200	12,303	33,402	26,871	462,125	264,109	249,213	19,579	582,769	101%
LOSSES & OMISSIONS	-2	-3	-9	3,390	-43	2,805	-150	1,992	7,979	1%
TOTAL NET USAGE	-37,885	-20,462	-207,272	-79,037	462,081	266,914	249,062	-58,408	574,992	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	928,148	477,390	2,238,726	-	3,644,264	100%
HYDROELECTRIC	-	-	-	-	-	-	-	2,172	2,172	0%
NUCLEAR	-	-	-	-	-	-	-	1,460	1,460	0%
GEO.&SOLAR	-	-	-	-	-	-	-	43	43	0%
TOTAL SUPPLY	-	-	-	-	928,148	477,390	2,238,726	3,675	3,647,939	
NET IMPORTS OF REGION	-37,885	-20,462	-207,272	-79,037	-466,066	-210,475	-1,989,663	-62,083	-3,072,946	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.46%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.33%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS =66.57%

BEA Region Tables for 1985

BEA ECONOMIC AREA 1 BANGOR MAINE 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	20,001	7,706	-	2,113	-	395	-	5,704	35,919	23%
INDUSTRIAL	5,640	32,504	-	5,126	-	1,384	212	10,039	54,905	35%
TRANSPORTATION	3,163	39,476	16,885	272	-	235	-	-	60,032	38%
MISCELLANEOUS USES	65	1,683	-	26	-	40	-	138	1,952	1%
TOTAL FINAL DEMAND SECTORS	28,869	81,369	16,885	7,537	-	2,055	212	15,881	152,808	97%
TRANSFORMATION										
ELECTRICITY GEN.	46	3,861	-	-	-	1,036	13,951	-6,405	12,489	8%
PETROLEUM PRODUCTS	-61,858	-22,976	-85,869	-158,453	318,684	9,605	-	-	-10,867	-6%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-61,812	-19,115	-85,869	-158,453	318,684	10,641	13,951	-6,405	1,622	1%
TOTAL GROSS FLOWS	28,915	85,230	16,885	7,537	318,684	12,696	14,163	15,881	165,297	105%
LOSSES & OMISSIONS	-1	-21	-5	951	-29	134	-8	1,616	2,636	2%
TOTAL NET USAGE	-32,944	62,232	-68,989	-159,964	318,654	12,830	14,154	11,092	157,066	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	523	523	89%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	65	65	11%
TOTAL SUPPLY	-	-	-	-	-	-	-	588	588	
NET IMPORTS OF REGION	-32,944	62,232	-68,989	-159,964	318,654	12,830	14,154	10,504	156,478	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.10%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 2 PORTLAND-SOUTH PORTLAND MAINE 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	50,623	23,257	-	5,355	-	1,728	-	16,033	96,996	36%
INDUSTRIAL	7,742	41,446	-	6,928	-	2,660	938	14,697	74,411	28%
TRANSPORTATION	5,855	27,392	42,778	504	-	598	-	-	77,627	29%
MISCELLANEOUS USES	166	3,201	-	66	-	119	-	249	3,801	1%
TOTAL FINAL DEMAND SECTORS	64,386	95,796	42,778	12,853	-	5,105	938	30,979	252,835	93%
TRANSFORMATION										
ELECTRICITY GEN.	145	32,710	-	-	-	1,962	26,432	-20,252	40,997	15%
PETROLEUM PRODUCTS	-160,832	-59,738	-223,259	-437,977	828,579	24,973	-	-	-28,254	-9%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-160,687	-27,028	-223,259	-437,977	828,579	26,935	26,432	-20,252	12,743	5%
TOTAL GROSS FLOWS	64,531	128,506	42,778	12,853	828,579	32,040	27,370	30,979	293,832	109%
LOSSES & OMISSIONS	-2	-32	-12	1,621	-77	340	-16	3,152	4,973	2%
TOTAL NET USAGE	-96,303	68,735	-180,493	-423,502	828,501	32,380	27,353	13,879	270,551	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	3,372	3,372	18%
NUCLEAR	-	-	-	-	-	-	-	15,285	15,285	81%
GEO.&SOLAR	-	-	-	-	-	-	-	123	123	1%
TOTAL SUPPLY	-	-	-	-	-	-	-	18,780	18,780	
NET IMPORTS OF REGION	-96,303	68,735	-180,493	-423,502	828,501	32,380	27,353	-4,900	251,771	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.93%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	40,088	3,650	-	4,024	-	3,108	-	14,061	64,931	44%
INDUSTRIAL	2,094	10,846	-	2,633	-	4,807	412	8,093	28,485	19%
TRANSPORTATION	3,081	135	32,548	417	-	443	-	-	36,624	25%
MISCELLANEOUS USES	123	426	-	50	-	137	-	306	1,042	1%
TOTAL FINAL DEMAND SECTORS	45,386	15,057	32,548	7,124	-	8,095	412	22,460	131,082	88%
TRANSFORMATION										
ELECTRICITY GEN.	335	1,839	-	-	-	1,291	18,786	-7,627	14,724	10%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	335	1,839	-	-	-	1,291	18,786	-7,627	14,724	10%
TOTAL GROSS FLOWS	45,721	16,896	32,548	7,124	-	9,486	19,198	22,460	145,806	98%
LOSSES & OMISSIONS	-1	-4	-9	899	-	100	-11	2,285	3,258	2%
TOTAL NET USAGE	45,719	16,891	32,538	8,023	-	9,586	19,186	17,118	149,064	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	5,129	5,129	98%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	86	86	2%
TOTAL SUPPLY	-	-	-	-	-	-	-	5,215	5,215	
NET IMPORTS OF REGION	45,719	16,891	32,538	8,023	-	9,586	19,186	11,903	143,849	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.83%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 4 BOSTON MASSACHUSETT 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	473,784	251,213	-	51,662	-	153,238	-	156,082	1,085,979	50%
INDUSTRIAL	14,942	49,043	-	60,514	-	44,992	5,243	43,539	218,273	10%
TRANSPORTATION	30,217	22,419	332,188	133,357	-	5,802	-	-	523,983	24%
MISCELLANEOUS USES	1,612	23,892	-	646	-	5,272	-	776	32,198	1%
TOTAL FINAL DEMAND SECTORS	520,555	346,567	332,188	246,179	-	209,304	5,243	200,397	1,860,433	86%
TRANSFORMATION										
ELECTRICITY GEN.	2,472	204,378	-	-	-	12,153	173,298	-129,770	262,531	12%
PETROLEUM PRODUCTS	-133,614	-49,628	-185,477	-363,858	688,358	20,747	-	-	-23,472	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-131,142	154,750	-185,477	-363,858	688,358	32,900	173,298	-129,770	239,059	11%
TOTAL GROSS FLOWS	523,027	550,945	332,188	246,179	688,358	242,204	178,541	200,397	2,122,964	99%
LOSSES & OMISSIONS	-21	-137	-98	31,066	-64	2,572	-107	20,393	53,602	2%
TOTAL NET USAGE	389,391	501,179	146,612	-86,612	688,293	244,776	178,433	91,020	2,153,094	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	813	813	1%
NUCLEAR	-	-	-	-	-	-	-	94,636	94,636	97%
GEO.&SOLAR	-	-	-	-	-	-	-	2,366	2,366	2%
TOTAL SUPPLY	-	-	-	-	-	-	-	97,815	97,815	
NET IMPORTS OF REGION	389,391	501,179	146,612	-86,612	688,293	244,776	178,433	-6,794	2,055,279	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.92%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	164,098	52,326	-	22,660	-	54,685	-	80,197	373,967	41%
INDUSTRIAL	14,548	68,087	-	40,885	-	29,089	3,586	26,869	183,064	20%
TRANSPORTATION	19,293	2,749	159,570	38,718	-	2,663	-	-	222,993	25%
MISCELLANEOUS USES	740	6,006	-	296	-	1,990	-	99	9,131	1%
TOTAL FINAL DEMAND SECTORS	198,679	129,168	159,570	102,559	-	88,423	3,586	107,165	789,155	87%
TRANSFORMATION										
ELECTRICITY GEN.	2,161	98,082	-	-	-	6,521	87,872	-64,376	130,260	14%
PETROLEUM PRODUCTS	-197,948	-73,524	-274,780	-539,048	1,019,790	30,735	-	-	-34,774	-3%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-195,787	24,558	-274,780	-539,048	1,019,790	37,257	87,872	-64,376	95,486	10%
TOTAL GROSS FLOWS	200,840	227,250	159,570	102,559	1,019,790	125,680	91,458	107,165	919,415	101%
LOSSES & OMISSIONS	-8	-56	-47	12,942	-95	1,335	-55	10,905	24,919	3%
TOTAL NET USAGE	2,883	153,669	-115,257	-423,546	1,019,694	127,020	91,402	53,694	909,560	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	5,871	5,871	7%
NUCLEAR	-	-	-	-	-	-	-	77,334	77,334	92%
GEO.&SOLAR	-	-	-	-	-	-	-	408	408	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	83,613	83,613	
NET IMPORTS OF REGION	2,883	153,669	-115,257	-423,546	1,019,694	127,020	91,402	-29,918	825,947	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.92%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EEA ECONOMIC AREA 6 ALBANY-SCHENECTADY-TROY NEW YORK 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	56,745	26,871	-	8,642	-	26,375	307	27,944	146,884	39%
INDUSTRIAL	4,017	12,181	-	20,487	-	17,614	12,028	21,301	87,628	23%
TRANSPORTATION	3,297	5,154	58,870	4,089	-	2,368	65	220	74,063	19%
MISCELLANEOUS USES	333	4,745	-	133	-	1,312	-	1,563	8,086	2%
TOTAL FINAL DEMAND SECTORS	64,392	48,951	58,870	33,351	-	47,669	12,400	51,028	316,661	83%
TRANSFORMATION										
ELECTRICITY GEN.	106	9,708	-	-	-	7,071	65,746	-27,301	55,330	15%
PETROLEUM PRODUCTS	-4,949	-1,838	-6,870	-13,476	25,495	768	-	-	-870	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-4,843	7,870	-6,870	-13,476	25,495	7,839	65,746	-27,301	54,460	14%
TOTAL GROSS FLOWS	64,498	58,659	58,870	33,351	25,495	55,508	78,146	51,028	371,991	98%
LOSSES & OMISSIONS	-2	-14	-17	4,208	-2	589	-47	5,192	9,906	3%
TOTAL NET USAGE	59,546	56,806	51,982	24,083	25,492	56,097	78,098	28,919	381,027	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	11,275	11,275	33%
NUCLEAR	-	-	-	-	-	-	-	22,626	22,626	67%
GEO.&SOLAR	-	-	-	-	-	-	-	69	69	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	33,970	33,970	
NET IMPORTS OF REGION	59,546	56,806	51,982	24,083	25,492	56,097	78,098	-5,050	347,057	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.96%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	52,937	25,339	-	8,801	-	27,352	372	28,450	143,261	30%
INDUSTRIAL	4,399	10,725	-	24,395	-	20,739	32,723	32,374	125,355	26%
TRANSPORTATION	2,993	1,497	60,464	28,589	-	2,685	83	234	96,545	20%
MISCELLANEOUS USES	351	4,074	-	140	-	1,163	-	1,573	7,301	2%
TOTAL FINAL DEMAND SECTORS	60,680	41,635	60,464	61,925	-	51,949	33,178	62,631	372,462	78%
TRANSFORMATION										
ELECTRICITY GEN.	-	47,259	-	-	-	9,252	90,577	-48,112	98,976	21%
PETROLEUM PRODUCTS	-49,487	-18,381	-68,695	-134,762	254,948	7,684	-	-	-8,693	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-49,487	28,878	-68,695	-134,762	254,948	16,936	90,577	-48,112	90,283	19%
TOTAL GROSS FLOWS	60,580	88,894	60,454	61,925	254,948	68,885	123,755	62,631	471,438	99%
LOSSES & OMISSIONS	-2	-22	-17	7,814	-23	731	-74	6,373	14,778	3%
TOTAL NET USAGE	11,190	70,490	-8,248	-65,022	254,924	69,616	123,680	20,892	477,523	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	11,945	11,945	15%
NUCLEAR	-	-	-	-	-	-	-	69,029	69,029	85%
GEO.&SOLAR	-	-	-	-	-	-	-	58	58	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	81,032	81,032	
NET IMPORTS OF REGION	11,190	70,490	-8,248	-65,022	254,924	69,616	123,680	-60,139	396,491	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.29%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 8 ROCHESTER NEW YORK 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
				(ALL UNITS IN 10**9 BTU'S)						
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	44,343	19,249	-	7,372	-	22,335	312	22,478	116,089	34%
INDUSTRIAL	6,016	11,542	-	16,166	-	16,548	23,006	25,566	98,844	29%
TRANSPORTATION	2,005	195	50,648	5,471	-	2,249	47	192	60,807	18%
MISCELLANEOUS USES	294	2,359	-	118	-	663	-	896	4,330	1%
TOTAL FINAL DEMAND SECTORS	52,658	33,345	50,648	29,127	-	41,795	23,365	49,132	280,070	82%
TRANSFORMATION										
ELECTRICITY GEN.	1	2,551	-	-	-	7,252	68,770	-25,969	52,605	15%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1	2,551	-	-	-	7,252	68,770	-25,969	52,605	15%
TOTAL GROSS FLOWS	52,659	35,896	50,648	29,127	-	49,047	92,135	49,132	332,675	97%
LOSSES & OMISSIONS	-2	-8	-15	3,675	-	520	-55	4,999	9,114	3%
TOTAL NET USAGE	52,656	35,887	50,632	32,802	-	49,567	92,079	28,162	341,789	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	1,902	1,902	18%
NUCLEAR	-	-	-	-	-	-	-	8,862	8,862	82%
GEO. & SOLAR	-	-	-	-	-	-	-	45	45	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	10,809	10,809	
NET IMPORTS OF REGION	52,656	35,887	50,632	32,802	-	49,567	92,079	17,353	330,980	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.95%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	59,753	26,601	-	10,025	-	31,188	637	31,530	159,734	27%
INDUSTRIAL	6,591	16,100	-	55,635	-	38,892	64,267	49,856	231,341	39%
TRANSPORTATION	3,983	2,042	69,617	12,686	-	3,063	90	372	91,853	15%
MISCELLANECUS USES	401	3,788	-	160	-	1,118	-	1,434	6,901	1%
TOTAL FINAL DEMAND SECTORS	70,728	48,531	69,617	78,506	-	74,261	64,994	83,192	489,829	82%
TRANSFORMATION										
ELECTRICITY GEN.	-	-	-	-	-	12,059	123,598	-44,914	90,743	15%
PETROLEUM PRODUCTS	-31,396	-11,662	-43,581	-85,496	161,746	4,875	-	-	-5,514	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-31,396	-11,662	-43,581	-85,496	161,746	16,934	123,598	-44,914	85,229	14%
TOTAL GROSS FLOWS	70,728	48,531	69,617	78,506	161,746	91,195	188,592	83,192	580,572	98%
LOSSES & OMISSIONS	-2	-12	-20	9,906	-15	968	-113	8,466	19,177	3%
TOTAL NET USAGE	39,329	36,856	26,015	2,916	161,730	92,153	188,478	46,744	594,235	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	31,486	19,466	-	-	50,952	39%
HYDROELECTRIC	-	-	-	-	-	-	-	79,774	79,774	61%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	75	75	0%
TOTAL SUPPLY	-	-	-	-	31,486	19,466	-	79,849	130,801	
NET IMPORTS OF REGION	39,329	36,856	26,015	2,916	130,244	72,697	188,478	-33,104	463,434	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =56.89%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	13,413	3,503	-	2,908	-	13,260	1,727	10,603	45,414	22%
INDUSTRIAL	2,533	7,340	-	24,495	-	20,984	30,132	15,849	101,333	49%
TRANSPORTATION	3,411	138	25,595	257	-	927	25	65	30,418	15%
MISCELLANEOUS USES	121	428	-	48	-	442	-	26	1,065	1%
TOTAL FINAL DEMAND SECTORS	19,478	11,409	25,595	27,708	-	35,613	31,884	26,543	178,230	85%
TRANSFORMATION										
ELECTRICITY GEN.	3	-	-	-	-	3,849	35,950	-13,170	26,632	13%
PETROLEUM PRODUCTS	-16,681	-6,196	-23,157	-45,428	85,942	2,590	-	-	-2,930	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-16,678	-6,196	-23,157	-45,428	85,942	6,439	35,950	-13,170	23,702	11%
TOTAL GROSS FLOWS	19,481	11,409	25,595	27,708	85,942	42,052	67,834	26,543	204,862	98%
LOSSES & OMISSIONS	-0	-2	-7	3,496	-8	446	-40	2,701	6,584	3%
TOTAL NET USAGE	2,799	5,210	2,430	-14,223	85,933	42,498	67,793	16,074	208,516	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	17,750	24,385	12,530	-	54,665	99%
HYDROELECTRIC	-	-	-	-	-	-	-	799	799	1%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	24	24	0%
TOTAL SUPPLY	-	-	-	-	17,750	24,385	12,530	823	55,488	
NET IMPORTS OF REGION	2,799	5,210	2,430	-14,223	68,183	18,113	55,263	15,251	153,028	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.91%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CAREONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	10,975	2,897	-	2,379	-	10,886	1,413	8,718	37,268	25%
INDUSTRIAL	1,923	4,259	-	8,680	-	13,430	18,663	10,637	57,592	39%
TRANSPORTATION	3,813	113	20,942	312	-	759	21	102	26,062	18%
MISCELLANEOUS USES	99	475	-	40	-	506	-	30	1,150	1%
TOTAL FINAL DEMAND SECTORS	16,810	7,744	20,942	11,411	-	25,581	20,097	19,487	122,072	82%
TRANSFORMATION										
ELECTRICITY GEN.	3	1,002	-	-	-	2,859	29,446	-11,017	22,293	15%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	3	1,002	-	-	-	2,859	29,446	-11,017	22,293	15%
TOTAL GROSS FLOWS	16,813	8,746	20,942	11,411	-	28,440	49,543	19,487	144,365	98%
LOSSES & OMISSIONS	-0	-2	-6	1,439	-	302	-29	1,983	3,686	2%
TOTAL NET USAGE	16,812	8,743	20,935	12,850	-	28,742	49,513	10,453	148,051	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	9,960	60,410	304,950	-	375,320	100%
HYDROELECTRIC	-	-	-	-	-	-	-	216	216	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	18	18	0%
TOTAL SUPPLY	-	-	-	-	9,960	60,410	304,950	234	375,554	
NET IMPORTS OF REGION	16,812	8,743	20,935	12,850	-9,960	-31,667	-255,436	10,219	-227,502	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.93%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EEA ECONOMIC AREA 12 BINGHAMTON NEW YORK-PENNSYLVANIA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	25,471	10,171	-	4,418	-	14,332	620	13,704	68,716	34%
INDUSTRIAL	2,399	4,476	-	12,352	-	12,541	12,071	15,524	59,363	29%
TRANSPORTATION	1,969	144	31,866	414	-	1,358	33	91	35,875	18%
MISCELLANEOUS USES	178	1,626	-	71	-	554	-	586	3,015	1%
TOTAL FINAL DEMAND SECTORS	30,017	16,417	31,866	17,255	-	28,785	12,724	29,905	166,969	82%
TRANSFORMATION										
ELECTRICITY GEN.	-	-	-	-	-	4,438	41,597	-15,235	30,800	15%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-	-	-	-	-	4,438	41,597	-15,235	30,800	15%
TOTAL GROSS FLOWS	30,017	16,417	31,866	17,255	-	33,223	54,321	29,905	197,769	97%
LOSSES & OMISSIONS	-1	-4	-9	2,177	-	352	-32	3,043	5,526	3%
TOTAL NET USAGE	30,015	16,412	31,856	19,432	-	33,575	54,288	17,713	203,295	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	13,668	-	13,668	97%
HYDROELECTRIC	-	-	-	-	-	-	-	334	334	2%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	28	28	0%
TOTAL SUPPLY	-	-	-	-	-	-	13,668	362	14,030	
NET IMPORTS OF REGION	30,015	16,412	31,856	19,432	-	33,575	40,620	17,351	189,265	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.91%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	20,545	5,992	-	8,454	-	21,041	2,645	17,138	71,815	30%
INDUSTRIAL	3,031	6,863	-	12,835	-	18,132	21,820	16,813	79,494	33%
TRANSPORTATION	6,300	211	39,206	550	-	1,420	38	166	48,391	20%
MISCELLANEOUS USES	186	649	-	74	-	668	-	39	1,616	1%
TOTAL FINAL DEMAND SECTORS	30,562	13,715	39,206	17,913	-	41,261	24,503	34,156	201,316	83%
TRANSFORMATION										
ELECTRICITY GEN.	4	-	-	-	-	5,073	46,020	-16,902	34,195	14%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	4	-	-	-	-	5,073	46,020	-16,902	34,195	14%
TOTAL GROSS FLOWS	30,566	13,715	39,206	17,913	-	46,334	70,523	34,156	235,511	97%
LOSSES & OMISSIONS	-1	-3	-11	2,260	-	492	-42	3,475	6,169	3%
TOTAL NET USAGE	30,564	13,711	39,194	20,173	-	46,826	70,480	20,729	241,680	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	51,554	-	51,554	56%
HYDROELECTRIC	-	-	-	-	-	-	-	1,467	1,467	2%
NUCLEAR	-	-	-	-	-	-	-	39,596	39,596	43%
GEO.&SOLAR	-	-	-	-	-	-	-	32	32	0%
TOTAL SUPPLY	-	-	-	-	-	-	51,554	41,095	92,649	
NET IMPORTS OF REGION	30,564	13,711	39,194	20,173	-	46,826	18,926	-20,365	149,031	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.52%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 14 NEW YORK NEW YORK 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	791,397	381,342	-	119,631	-	408,947	3,493	456,857	2,161,667	32%
INDUSTRIAL	60,867	174,522	-	495,368	-	233,634	130,876	229,411	1,324,678	20%
TRANSPORTATION	97,377	362,025	884,301	550,514	-	34,654	1,287	10,260	1,940,418	29%
MISCELLANEOUS USES	4,642	33,464	-	1,856	-	12,186	-	9,746	61,894	1%
TOTAL FINAL DEMAND SECTORS	954,283	951,353	884,301	1,167,369	-	689,421	135,656	706,274	5,488,657	82%
TRANSFORMATION										
ELECTRICITY GEN.	509	380,504	-	-	-	105,809	970,117	-477,778	979,161	15%
PETROLEUM PRODUCTS	-112,088	-41,633	-155,594	-305,236	577,456	17,405	-	-	-19,690	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-111,579	338,871	-155,594	-305,236	577,456	123,214	970,117	-477,778	959,471	14%
TOTAL GROSS FLOWS	954,792	1,331,857	884,301	1,167,369	577,456	812,635	1,105,773	706,274	6,467,818	97%
LOSSES & OMISSIONS	-39	-332	-262	147,314	-54	8,632	-667	71,874	226,465	3%
TOTAL NET USAGE	842,664	1,289,891	728,444	1,009,447	577,401	821,267	1,105,105	300,370	6,674,593	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	10,347	10,347	9%
NUCLEAR	-	-	-	-	-	-	-	102,629	102,629	90%
GEO.&SOLAR	-	-	-	-	-	-	-	1,102	1,102	1%
TOTAL SUPPLY	-	-	-	-	-	-	-	114,078	114,078	
NET IMPORTS OF REGION	842,664	1,289,891	728,444	1,009,447	577,401	821,267	1,105,105	186,292	6,560,515	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.21%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	272,087	77,957	-	50.803	-	207,267	17,571	208,661	834,346	26%
INDUSTRIAL	46,326	132,572	-	377.185	-	246,651	231,914	189,288	1,223,936	38%
TRANSPORTATION	55,786	54,417	404,649	62,692	-	14,009	381	1,127	603,061	19%
MISCELLANEOUS USES	1,844	9,465	-	738	-	8,392	-	353	20,792	1%
TOTAL FINAL DEMAND SECTORS	386,043	274,411	404,649	491,418	-	476,319	249,866	399,429	2,682,135	83%
TRANSFORMATION										
ELECTRICITY GEN.	292	112,405	-	-	-	52,747	544,915	-233,563	476,796	15%
PETROLEUM PRODUCTS	-303,657	-112,772	-407,856	-738,969	1,468,895	44,271	-	-	-50,088	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-303,365	-367	-407,856	-738,969	1,468,895	97,018	544,915	-233,563	426,708	13%
TOTAL GROSS FLOWS	386,335	385,816	404,649	491,418	1,468,895	573,337	794,781	399,429	3,158,931	98%
LOSSES & OMISSIONS	-16	-96	-120	62,013	-137	6,090	-479	40,648	107,902	3%
TOTAL NET USAGE	82,661	273,947	-3,327	-185,537	1,468,757	579,427	794,301	206,514	3,216,745	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	88,008	-	88,008	33%
HYDROELECTRIC	-	-	-	-	-	-	-	3,869	3,869	1%
NUCLEAR	-	-	-	-	-	-	-	176,104	176,104	66%
GEO.&SOLAR	-	-	-	-	-	-	-	744	744	0%
TOTAL SUPPLY	-	-	-	-	-	-	88,008	180,717	268,725	
NET IMPORTS OF REGION	82,661	273,947	-3,327	-185,537	1,468,757	579,427	706,293	25,797	2,948,020	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.12%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	49,523	14,782	-	10,736	-	51,113	6,376	41,770	174,300	26%
INDUSTRIAL	8,202	17,503	-	39,123	-	56,721	72,781	47,441	241,771	36%
TRANSPORTATION	24,342	643	94,504	2,038	-	3,424	117	419	125,487	19%
MISCELLANEOUS USES	448	2,062	-	179	-	2,191	-	129	5,009	1%
TOTAL FINAL DEMAND SECTORS	82,515	34,990	94,504	52,076	-	113,449	79,274	89,759	546,567	81%
TRANSFORMATION										
ELECTRICITY GEN.	15	342	-	-	-	13,224	150,793	-54,458	109,916	16%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	15	342	-	-	-	13,224	150,793	-54,458	109,916	16%
TOTAL GROSS FLOWS	82,530	35,332	94,504	52,076	-	126,673	230,067	89,759	656,483	97%
LOSSES & OMISSIONS	-3	-8	-28	6,571	-	1,345	-138	9,134	16,872	3%
TOTAL NET USAGE	82,526	35,323	94,475	58,647	-	128,018	229,928	44,435	673,355	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	1	-	33,776	-	33,777	31%
HYDROELECTRIC	-	-	-	-	-	-	-	4,860	4,860	4%
NUCLEAR	-	-	-	-	-	-	-	70,858	70,858	65%
GEO.&SOLAR	-	-	-	-	-	-	-	82	82	0%
TOTAL SUPPLY	-	-	-	-	1	-	33,776	75,800	109,577	
NET IMPORTS OF REGION	82,526	35,323	94,475	58,647	-1	128,018	196,152	-31,364	563,778	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.87%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
				(ALL UNITS IN 10**9 BTU'S)						
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	75,034	19,416	-	33,283	-	50,595	4	82,840	261,172	26%
INDUSTRIAL	28,552	44,315	-	66,579	-	74,426	93,271	43,783	350,926	36%
TRANSPORTATION	29,489	9,782	129,144	35,703	-	3,534	-	-	207,652	21%
MISCELLANEOUS USES	528	3,332	-	211	-	2,509	-	175	6,755	1%
TOTAL FINAL DEMAND SECTORS	133,603	76,845	129,144	135,776	-	131,064	93,275	126,798	826,505	84%
TRANSFORMATION										
ELECTRICITY GEN.	531	60,753	-	-	-	6,429	141,477	-68,267	140,923	14%
PETROLEUM PRODUCTS	-92,014	-34,151	-105,035	-104,517	315,453	9,508	-	-	-10,756	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-91,483	26,602	-105,035	-104,517	315,453	15,937	141,477	-68,267	130,167	13%
TOTAL GROSS FLOWS	134,134	137,598	129,144	135,776	315,453	147,001	234,752	126,798	967,428	98%
LOSSES & OMISSIONS	-5	-34	-38	17,134	-29	1,561	-141	12,903	31,349	3%
TOTAL NET USAGE	42,114	103,412	24,070	48,393	315,423	148,562	234,610	71,434	988,021	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	5,927	5,927	98%
NUCLEAR	-	-	-	-	-	-	-	25	25	0%
GEO.&SOLAR	-	-	-	-	-	-	-	103	103	2%
TOTAL SUPPLY	-	-	-	-	-	-	-	6,055	6,055	
NET IMPORTS OF REGION	42,114	103,412	24,070	48,393	315,423	148,562	234,610	65,379	981,966	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.37%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 18 WASHINGTON-DC MARYLAND-VIRGINIA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	97,921	45,137	-	46,732	-	78,647	17	135,787	404,301	37%
INDUSTRIAL	5,645	6,520	-	19,876	-	13,710	6,707	7,861	60,319	6%
TRANSPORTATION	29,442	315	194,780	137,930	-	5,064	-	-	367,531	34%
MISCELLANEOUS USES	758	11,903	-	303	-	8,479	-	6,700	28,143	3%
TOTAL FINAL DEMAND SECTORS	133,766	63,935	194,780	204,841	-	105,900	6,724	150,348	860,294	80%
TRANSFORMATION										
ELECTRICITY GEN.	362	86,058	-	-	-	6,666	172,958	-86,843	179,201	17%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	362	86,058	-	-	-	6,666	172,958	-86,843	179,201	17%
TOTAL GROSS FLOWS	134,128	149,993	194,780	204,841	-	112,566	179,682	150,348	1,039,495	96%
LOSSES & OMISSIONS	-5	-37	-57	25,849	-	1,195	-108	15,300	42,136	4%
TOTAL NET USAGE	134,122	149,955	194,722	230,690	-	113,761	179,573	78,805	1,081,631	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	310	310	1%
NUCLEAR	-	-	-	-	-	-	-	59,498	59,498	99%
GEO.&SOLAR	-	-	-	-	-	-	-	106	106	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	59,914	59,914	
NET IMPORTS OF REGION	134,122	149,955	194,722	230,690	-	113,761	179,573	18,891	1,021,717	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.36%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	8,877	863	-	5,134	-	9,088	5	13,438	37,405	17%
INDUSTRIAL	8,911	6,811	-	13,790	-	25,278	23,414	9,288	83,492	37%
TRANSPORTATION	9,490	13	23,835	930	-	582	-	-	34,760	15%
MISCELLANEOUS USES	37	142	-	35	-	493	-	558	1,315	1%
TOTAL FINAL DEMAND SECTORS	23,275	7,829	23,835	19,889	-	35,441	23,419	23,284	156,972	70%
TRANSFORMATION										
ELECTRICITY GEN.	7	726	-	-	-	1,203	91,321	-30,968	62,289	28%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	7	726	-	-	-	1,203	91,321	-30,968	62,289	28%
TOTAL GROSS FLOWS	23,282	8,555	23,835	19,889	-	36,644	114,740	23,284	219,261	98%
LOSSES & OMISSIONS	-0	-2	-7	2,509	-	389	-69	2,369	5,189	2%
TOTAL NET USAGE	23,281	8,552	23,827	22,398	-	37,033	114,670	-5,314	224,450	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	47,263	-	47,263	86%
HYDROELECTRIC	-	-	-	-	-	-	-	7,450	7,450	14%
NUCLEAR	-	-	-	-	-	-	-	5	5	0%
GEO.&SOLAR	-	-	-	-	-	-	-	19	19	0%
TOTAL SUPPLY	-	-	-	-	-	-	47,263	7,474	54,737	
NET IMPORTS OF REGION	23,281	8,552	23,827	22,398	-	37,033	67,407	-12,788	169,713	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.79%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 20 ROANOKE VIRGINIA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	22,828	1,793	-	11,195	-	13,425	9	29,090	78,340	21%
INDUSTRIAL	10,508	17,848	-	29,527	-	45,190	55,553	18,086	176,712	46%
TRANSPORTATION	16,523	18	52,600	5,803	-	1,222	-	-	76,166	20%
MISCELLANEOUS USES	183	275	-	73	-	666	-	1,338	2,535	1%
TOTAL FINAL DEMAND SECTORS	50,042	19,934	52,600	46,598	-	60,503	55,562	48,514	333,753	87%
TRANSFORMATION										
ELECTRICITY GEN.	34	-	-	-	-	2,486	52,272	-18,045	36,747	10%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	34	-	-	-	-	2,486	52,272	-18,045	36,747	10%
TOTAL GROSS FLOWS	50,076	19,934	52,600	46,598	-	62,989	107,834	48,514	370,500	97%
LOSSES & OMISSIONS	-2	-4	-15	5,880	-	669	-65	4,937	11,398	3%
TOTAL NET USAGE	50,073	19,929	52,584	52,478	-	63,658	107,768	35,406	381,898	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	1,638	1,638	97%
NUCLEAR	-	-	-	-	-	-	-	10	10	1%
GEO.&SOLAR	-	-	-	-	-	-	-	40	40	2%
TOTAL SUPPLY	-	-	-	-	-	-	-	1,688	1,688	
NET IMPORTS OF REGION	50,073	19,929	52,584	52,478	-	63,658	107,768	33,718	380,210	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.07%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	27,796	2,598	-	13,502	-	17,816	12	38,554	100,378	22%
INDUSTRIAL	11,684	19,904	-	26,099	-	47,970	61,439	17,285	184,381	41%
TRANSPORTATION	13,798	456	63,809	4,499	-	1,484	-	-	89,046	20%
MISCELLANEOUS USES	222	525	-	89	-	1,447	-	2,921	5,204	1%
TOTAL FINAL DEMAND SECTORS	58,500	23,483	63,809	44,289	-	68,717	61,451	58,760	379,009	84%
TRANSFORMATION										
ELECTRICITY GEN.	35	7,525	-	-	-	3,033	81,048	-30,174	61,467	14%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	35	7,525	-	-	-	3,033	81,048	-30,174	61,467	14%
TOTAL GROSS FLOWS	58,535	31,008	63,809	44,289	-	71,750	142,499	58,760	440,476	97%
LOSSES & OMISSIONS	-2	-7	-18	5,589	-	762	-85	5,979	12,215	3%
TOTAL NET USAGE	58,532	31,000	63,790	49,878	-	72,512	142,413	34,565	452,691	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	2,603	2,603	3%
NUCLEAR	-	-	-	-	-	-	-	78,333	78,333	97%
GEO.&SOLAR	-	-	-	-	-	-	-	48	48	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	80,984	80,984	
NET IMPORTS OF REGION	58,532	31,000	63,790	49,878	-	72,512	142,413	-46,418	371,707	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.07%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 22 NORFOLK-PORTSMOUTH VIRGINIA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	28,386	2,429	-	14,005	-	16,927	12	38,110	99,869	29%
INDUSTRIAL	5,538	10,806	-	18,021	-	15,875	21,052	10,335	81,627	24%
TRANSPORTATION	11,968	6,623	66,119	5,826	-	1,531	-	-	92,067	27%
MISCELLANEOUS USES	229	1,181	-	91	-	3,564	-	7,128	12,193	4%
TOTAL FINAL DEMAND SECTORS	46,121	21,039	66,119	37,943	-	37,897	21,064	55,573	285,756	84%
TRANSFORMATION										
ELECTRICITY GEN.	120	33,365	-	-	-	2,622	46,500	-26,821	55,786	16%
PETROLEUM PRODUCTS	-90,233	-33,490	-103,001	-102,493	309,347	9,323	-	-	-10,547	-2%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-90,113	-125	-103,001	-102,493	309,347	11,945	46,500	-26,821	45,239	13%
TOTAL GROSS FLOWS	46,241	54,404	66,119	37,943	309,347	49,842	67,564	55,573	341,542	100%
LOSSES & OMISSIONS	-1	-13	-19	4,788	-28	529	-40	5,655	10,868	3%
TOTAL NET USAGE	-43,993	20,900	-36,901	-59,761	309,318	50,371	67,523	34,407	341,863	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	144	144	0%
NUCLEAR	-	-	-	-	-	-	-	32,975	32,975	99%
GEO.&SOLAR	-	-	-	-	-	-	-	42	42	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	33,161	33,161	
NET IMPORTS OF REGION	-43,993	20,900	-36,901	-59,761	309,318	50,371	67,523	1,246	308,702	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.53%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	37,670	3,605	-	20,378	-	14,020	14	61,473	137,160	22%
INDUSTRIAL	12,867	18,144	-	22,248	-	41,27[illegible]	20,890	31,778	147,198	24%
TRANSPORTATION	11,933	14	102,692	2,681	-	2,278	-	-	119,598	19%
MISCELLANEOUS USES	341	1,031	-	136	-	1,753	-	1,881	5,142	1%
TOTAL FINAL DEMAND SECTORS	62,811	22,795	102,692	45,443	-	59,322	20,904	95,132	409,098	66%
TRANSFORMATION										
ELECTRICITY GEN.	191	-	-	-	-	4,793	287,784	-97,159	195,609	32%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	191	-	-	-	-	4,793	287,784	-97,159	195,609	32%
TOTAL GROSS FLOWS	63,002	22,794	102,692	45,443	-	64,115	308,688	95,132	604,707	97%
LOSSES & OMISSIONS	-2	-5	-30	5,734	-	681	-186	9,681	15,871	3%
TOTAL NET USAGE	62,999	22,788	102,661	51,177	-	64,796	308,501	7,654	620,578	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	4,949	4,949	21%
NUCLEAR	-	-	-	-	-	-	-	18,838	18,838	79%
GEO.&SOLAR	-	-	-	-	-	-	-	76	76	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	23,863	23,863	
NET IMPORTS OF REGION	62,999	22,788	102,661	51,177	-	64,796	308,501	-16,208	596,715	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.8 %
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 24 WILMINGTON NORTH CAROLINA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	9,801	804	-	5,302	-	3,384	4	14,835	34,130	21%
INDUSTRIAL	4,509	9,916	-	13,674	-	15,465	8,930	9,736	62,230	39%
TRANSPORTATION	2,770	228	26,720	916	-	593	-	-	31,227	20%
MISCELLANEOUS USES	89	479	-	35	-	870	-	933	2,406	2%
TOTAL FINAL DEMAND SECTORS	17,169	11,427	26,720	19,927	-	20,312	8,934	25,504	129,993	81%
TRANSFORMATION										
ELECTRICITY GEN.	36	11,898	-	-	-	1,308	23,191	-11,857	24,576	15%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	36	11,898	-	-	-	1,308	23,191	-11,857	24,576	15%
TOTAL GROSS FLOWS	17,205	23,325	26,720	19,927	-	21,620	32,125	25,504	154,569	97%
LOSSES & OMISSIONS	-0	-5	-7	2,514	-	229	-19	2,595	5,305	3%
TOTAL NET USAGE	17,204	23,319	26,712	22,441	-	21,849	32,105	16,242	159,874	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	61	61	0%
NUCLEAR	-	-	-	-	-	-	-	33,706	33,706	100%
GEO.&SOLAR	-	-	-	-	-	-	-	21	21	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	33,788	33,788	
NET IMPORTS OF REGION	17,204	23,319	26,712	22,441	-	21,849	32,105	-17,545	126,086	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.46%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 25 GREENSBORO-WINSTON SALEM-HIGH POINT N.C. 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	29,820	2,886	-	16,064	-	11,419	12	48,552	108,753	23%
INDUSTRIAL	11,459	17,752	-	19,603	-	43,859	21,672	28,928	143,283	31%
TRANSPORTATION	19,444	17	80,737	11,138	-	1,794	-	-	113,130	24%
MISCELLANEOUS USES	258	341	-	107	-	480	-	561	1,757	0%
TOTAL FINAL DEMAND SECTORS	61,031	20,996	80,737	46,912	-	57,552	21,684	78,041	366,923	78%
TRANSFORMATION										
ELECTRICITY GEN.	52	-	-	-	-	3,987	125,884	-42,958	86,965	19%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	52	-	-	-	-	3,987	125,884	-42,958	86,965	19%
TOTAL GROSS FLOWS	61,083	20,996	80,737	46,912	-	61,539	147,568	78,041	453,888	97%
LOSSES & OMISSIONS	-2	-5	-23	5,920	-	653	-89	7,941	14,394	3%
TOTAL NET USAGE	61,050	20,990	80,713	52,832	-	62,192	147,478	43,024	468,282	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	2,669	2,669	9%
NUCLEAR	-	-	-	-	-	-	-	26,781	26,781	91%
GEO.&SOLAR	-	-	-	-	-	-	-	63	63	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	29,513	29,513	
NET IMPORTS OF REGION	61,050	20,990	80,713	52,832	-	62,192	147,478	13,511	438,769	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.94%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	34,677	3,502	-	19,347	-	14,463	14	60,532	132,535	20%
INDUSTRIAL	13,476	26,578	-	33,189	-	62,654	40,776	41,941	218,614	32%
TRANSPORTATION	24,939	24	112,790	9,754	-	2,178	-	-	149,685	22%
MISCELLANEOUS USES	326	406	-	130	-	625	-	627	2,114	0%
TOTAL FINAL DEMAND SECTORS	73,418	30,510	112,790	62,420	-	79,920	40,790	103,100	502,948	74%
TRANSFORMATION										
ELECTRICITY GEN.	225	-	-	-	-	5,348	227,245	-77,128	155,690	23%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	225	-	-	-	-	5,348	227,245	-77,128	155,690	23%
TOTAL GROSS FLOWS	73,643	30,510	112,790	62,420	-	85,268	268,035	103,100	658,638	97%
LOSSES & OMISSIONS	-3	-7	-33	7,877	-	905	-161	10,492	19,068	3%
TOTAL NET USAGE	73,639	30,502	112,756	70,297	-	86,173	267,873	36,464	677,706	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	9,317	9,317	9%
NUCLEAR	-	-	-	-	-	-	-	97,624	97,624	91%
GEO.&SOLAR	-	-	-	-	-	-	-	85	85	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	107,026	107,026	
NET IMPORTS OF REGION	73,639	30,502	112,756	70,297	-	86,173	267,873	-70,561	570,680	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.87%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EEA ECONOMIC AREA 27 ASHEVILLE NORTH CAROLINA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	9,303	869	-	5,032	-	3,421	4	15,067	33,696	22%
INDUSTRIAL	5,211	11,964	-	8,375	-	14,506	12,271	9,384	61,711	41%
TRANSPORTATION	2,708	4	25,360	307	-	563	-	-	28,942	19%
MISCELLANEOUS USES	84	135	-	34	-	199	-	213	665	0%
TOTAL FINAL DEMAND SECTORS	17,306	12,972	25,360	13,748	-	18,689	12,275	24,664	125,014	83%
TRANSFORMATION										
ELECTRICITY GEN.	-	-	-	-	-	1,265	31,168	-10,701	21,732	14%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-	-	-	-	-	1,265	31,168	-10,701	21,732	14%
TOTAL GROSS FLOWS	17,306	12,972	25,360	13,748	-	19,954	43,443	24,664	146,746	97%
LOSSES & OMISSIONS	-0	-3	-7	1,734	-	211	-26	2,509	4,419	3%
TOTAL NET USAGE	17,305	12,968	25,352	15,482	-	20,165	43,416	16,472	151,165	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	8,314	8,314	100%
NUCLEAR	-	-	-	-	-	-	-	5	5	0%
GEO.&SOLAR	-	-	-	-	-	-	-	20	20	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	8,339	8,339	
NET IMPORTS OF REGION	17,305	12,968	25,352	15,482	-	20,165	43,415	8,133	142,826	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.01%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	12,679	493	-	10,157	-	10,998	8	33,192	67,727	16%
INDUSTRIAL	5,706	12,291	-	20,754	-	60,974	26,767	29,644	156,136	36%
TRANSPORTATION	8,629	10	134,044	3,040	-	1,217	-	-	146,940	34%
MISCELLANEOUS USES	182	115	-	73	-	522	-	332	1,224	0%
TOTAL FINAL DEMAND SECTORS	27,396	12,909	134,044	34,024	-	73,711	26,775	63,168	372,027	86%
TRANSFORMATION										
ELECTRICITY GEN.	34	611	-	-	-	3,360	66,768	-23,289	47,484	11%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	34	611	-	-	-	3,360	66,768	-23,289	47,484	11%
TOTAL GROSS FLOWS	27,430	13,520	134,044	34,024	-	77,071	93,543	63,168	419,511	97%
LOSSES & OMISSIONS	-1	-3	-39	4,293	-	818	-56	6,428	11,439	3%
TOTAL NET USAGE	27,428	13,516	134,004	38,317	-	77,889	93,486	46,307	430,950	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	2,812	2,812	3%
NUCLEAR	-	-	-	-	-	-	-	81,451	81,451	97%
GEO. &SOLAR	-	-	-	-	-	-	-	53	53	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	84,316	84,316	
NET IMPORTS OF REGION	27,428	13,516	134,004	38,317	-	77,889	93,486	-38,008	346,634	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.09%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	9,107	360	-	7,236	-	8,101	5	24,192	49,002	18%
INDUSTRIAL	2,540	3,731	-	14,863	-	26,479	15,170	12,439	75,222	27%
TRANSPORTATION	5,539	8	96,443	2,238	-	868	-	-	106,161	38%
MISCELLANEOUS USES	130	155	-	52	-	1,341	-	849	2,527	1%
TOTAL FINAL DEMAND SECTORS	18,376	4,254	96,443	24,389	-	36,789	15,176	37,480	232,912	83%
TRANSFORMATION										
ELECTRICITY GEN.	168	783	-	-	-	1,883	55,430	-19,238	39,026	14%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	168	783	-	-	-	1,883	55,430	-19,238	39,026	14%
TOTAL GROSS FLOWS	18,544	5,037	96,448	24,389	-	38,672	70,606	37,480	271,938	97%
LOSSES & OMISSIONS	-0	-1	-28	3,077	-	410	-42	3,814	7,229	3%
TOTAL NET USAGE	18,543	5,035	96,419	27,466	-	39,082	70,563	22,056	279,167	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	8,260	8,260	30%
NUCLEAR	-	-	-	-	-	-	-	18,830	18,830	69%
GEO.&SOLAR	-	-	-	-	-	-	-	30	30	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	27,120	27,120	
NET IMPORTS OF REGION	18,543	5,035	96,419	27,466	-	39,082	70,563	-5,063	252,047	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.98%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	5,742	195	-	4,563	-	4,695	4	14,160	29,359	13%
INDUSTRIAL	6,192	17,322	-	6,410	-	20,128	11,475	19,743	81,270	36%
TRANSPORTATION	2,383	4	60,818	221	-	547	-	-	63,973	29%
MISCELLANEOUS USES	82	60	-	33	-	356	-	225	756	0%
TOTAL FINAL DEMAND SECTORS	14,399	17,581	60,818	11,227	-	25,726	11,479	34,128	175,358	78%
TRANSFORMATION										
ELECTRICITY GEN.	665	2,865	-	-	-	1,896	59,923	-21,541	43,808	20%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	665	2,865	-	-	-	1,896	59,923	-21,541	43,808	20%
TOTAL GROSS FLOWS	15,064	20,446	60,818	11,227	-	27,622	71,402	34,128	219,166	98%
LOSSES & OMISSIONS	-0	-5	-18	1,416	-	293	-43	3,473	5,116	2%
TOTAL NET USAGE	15,063	20,440	60,799	12,643	-	27,915	71,358	16,060	224,282	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	88	88	1%
NUCLEAR	-	-	-	-	-	-	-	13,913	13,913	99%
GEO.&SOLAR	-	-	-	-	-	-	-	30	30	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	14,031	14,031	
NET IMPORTS OF REGION	15,063	20,440	60,799	12,643	-	27,915	71,358	2,029	210,251	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.04%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	5,306	187	-	4,216	-	4,420	6	13,289	27,422	15%
INDUSTRIAL	2,529	7,207	-	7,776	-	13,779	4,197	8,003	43,491	24%
TRANSPORTATION	3,013	3,168	56,197	2,286	-	506	-	-	65,170	37%
MISCELLANEOUS USES	76	127	-	30	-	1,253	-	793	2,279	1%
TOTAL FINAL DEMAND SECTORS	10,924	10,689	56,197	14,308	-	19,958	4,203	22,085	138,362	78%
TRANSFORMATION										
ELECTRICITY GEN.	88	14,630	-	-	-	1,124	36,654	-17,185	35,311	20%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	88	14,630	-	-	-	1,124	36,654	-17,185	35,311	20%
TOTAL GROSS FLOWS	11,012	25,319	56,197	14,308	-	21,082	40,855	22,085	173,673	98%
LOSSES & OMISSIONS	-0	-6	-16	1,805	-	223	-24	2,247	4,228	2%
TOTAL NET USAGE	11,011	25,312	56,180	16,113	-	21,305	40,830	7,147	177,901	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	1,459	1,459	99%
NUCLEAR	-	-	-	-	-	-	-	4	4	0%
GEO.&SOLAR	-	-	-	-	-	-	-	18	18	1%
TOTAL SUPPLY	-	-	-	-	-	-	-	1,481	1,481	
NET IMPORTS OF REGION	11,011	25,312	56,180	16,113	-	21,305	40,830	5,666	176,420	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.26%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 32 AUGUSTA GEORGIA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	3,868	770	-	4,497	-	6,941	1	13,510	29,587	17%
INDUSTRIAL	3,738	8,078	-	10,117	-	29,056	9,643	13,063	73,695	42%
TRANSPORTATION	3,463	15	40,306	298	-	564	-	-	44,646	25%
MISCELLANEOUS USES	84	308	-	34	-	1,031	-	200	1,657	1%
TOTAL FINAL DEMAND SECTORS	11,153	9,171	40,306	14,946	-	37,592	9,644	26,773	149,585	85%
TRANSFORMATION										
ELECTRICITY GEN.	225	-	-	-	-	1,436	31,025	-10,759	21,927	12%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	225	-	-	-	-	1,436	31,025	-10,759	21,927	12%
TOTAL GROSS FLOWS	11,378	9,171	40,306	14,946	-	39,028	40,669	26,773	171,512	97%
LOSSES & OMISSIONS	-0	-2	-11	1,886	-	414	-24	2,724	4,985	3%
TOTAL NET USAGE	11,377	9,168	40,294	16,832	-	39,442	40,644	18,738	176,497	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	155	155	0%
NUCLEAR	-	-	-	-	-	-	-	48,124	48,124	100%
GEO.&SOLAR	-	-	-	-	-	-	-	22	22	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	48,301	48,301	
NET IMPORTS OF REGION	11,377	9,168	40,294	16,832	-	39,442	40,644	-29,562	128,196	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.08%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	2,534	1,015	-	4,056	-	7,890	1	13,040	28,536	17%
INDUSTRIAL	4,676	13,569	-	11,408	-	24,283	5,753	10,315	69,944	43%
TRANSPORTATION	4,778	316	25,910	1,266	-	522	-	-	32,792	20%
MISCELLANEOUS USES	78	236	-	31	-	630	-	38	1,013	1%
TOTAL FINAL DEMAND SECTORS	12,066	15,136	25,910	16,761	-	33,325	5,754	23,393	132,285	81%
TRANSFORMATION										
ELECTRICITY GEN.	9	10,095	-	-	-	4,537	21,827	-13,090	27,378	17%
PETROLEUM PRODUCTS	-5,145	-1,910	-5,873	-5,844	17,638	532	-	-	-602	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-5,136	12,185	-5,873	-5,844	17,638	5,069	21,827	-13,090	26,776	16%
TOTAL GROSS FLOWS	12,015	29,231	25,910	16,761	17,638	38,394	27,581	23,393	159,663	97%
LOSSES & OMISSIONS	-0	-7	-7	2,115	-1	407	-16	2,380	4,869	3%
TOTAL NET USAGE	5,859	27,313	20,029	13,032	17,636	38,801	27,564	12,683	163,930	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	57	57	0%
NUCLEAR	-	-	-	-	-	-	-	49,984	49,984	100%
GEO. &SOLAR	-	-	-	-	-	-	-	19	19	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	50,060	50,060	
NET IMPORTS OF REGION	6,869	27,313	20,029	13,032	17,636	38,801	27,564	-37,376	113,870	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.65%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 34 JACKSONVILLE FLORIDA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	6,455	2,549	-	12,255	-	7,815	9	50,126	79,209	21%
INDUSTRIAL	11,784	29,049	-	16,326	-	33,376	10,411	12,417	113,363	31%
TRANSPORTATION	8,807	1,657	73,350	6,386	-	1,594	-	-	91,804	25%
MISCELLANEOUS USES	238	600	-	96	-	959	-	1,906	3,799	1%
TOTAL FINAL DEMAND SECTORS	27,284	33,865	73,350	35,063	-	43,744	10,420	64,449	288,175	78%
TRANSFORMATION										
ELECTRICITY GEN.	554	44,901	-	-	-	3,045	54,005	-33,226	69,279	19%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	554	44,901	-	-	-	3,045	54,005	-33,226	69,279	19%
TOTAL GROSS FLOWS	27,838	78,766	73,350	35,063	-	46,789	64,425	64,449	357,454	97%
LOSSES & OMISSIONS	-1	-19	-21	4,424	-	497	-38	6,558	11,398	3%
TOTAL NET USAGE	27,836	78,746	73,328	39,487	-	47,286	64,386	37,781	368,852	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	142	142	70%
NUCLEAR	-	-	-	-	-	-	-	12	12	6%
GEO. & SOLAR	-	-	-	-	-	-	-	49	49	24%
TOTAL SUPPLY	-	-	-	-	-	-	-	203	203	
NET IMPORTS OF REGION	27,836	78,746	73,328	39,487	-	47,286	64,386	37,578	368,649	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.59%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 35 ORLANDO FLORIDA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	6,304	2,546	-	12,180	-	5,853	10	52,159	79,062	28%
INDUSTRIAL	4,384	5,166	-	7,301	-	10,400	2,784	8,084	38,119	13%
TRANSPORTATION	5,013	54	72,626	7,474	-	1,586	-	-	86,753	31%
MISCELLANEOUS USES	237	347	-	95	-	391	-	1,235	2,305	1%
TOTAL FINAL DEMAND SECTORS	15,938	8,113	72,626	27,050	-	18,240	2,794	61,478	206,239	73%
TRANSFORMATION										
ELECTRICITY GEN.	463	47,021	-	-	-	2,821	50,033	-32,498	67,840	24%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	463	47,021	-	-	-	2,821	50,033	-32,498	67,840	24%
TOTAL GROSS FLOWS	16,401	55,134	72,626	27,050	-	21,061	52,827	61,478	274,079	97%
LOSSES & OMISSIONS	-0	-13	-21	3,413	-	223	-31	6,256	9,825	3%
TOTAL NET USAGE	16,400	55,120	72,604	30,463	-	21,284	52,795	35,236	283,904	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	39	-	-	-	39	17%
HYDROELECTRIC	-	-	-	-	-	-	-	131	131	58%
NUCLEAR	-	-	-	-	-	-	-	11	11	5%
GEO.&SOLAR	-	-	-	-	-	-	-	45	45	20%
TOTAL SUPPLY	-	-	-	-	39	-	-	187	226	
NET IMPORTS OF REGION	16,400	55,120	72,604	30,463	-39	21,284	52,795	35,049	283,678	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.61%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EEA ECONOMIC AREA 36 MIAMI FLORDIA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	18,517	6,939	-	35,775	-	16,465	28	148,815	226,589	20%
INDUSTRIAL	11,000	11,594	-	27,918	-	30,844	9,610	17,081	108,047	10%
TRANSPORTATION	21,081	2,504	213,325	303,900	-	4,658	-	-	545,468	49%
MISCELLANEOUS USES	697	857	-	278	-	895	-	2,827	5,554	0%
TOTAL FINAL DEMAND SECTORS	51,295	21,944	213,325	367,871	-	52,862	9,638	168,723	885,658	79%
TRANSFORMATION										
ELECTRICITY GEN.	793	95,913	-	-	-	11,640	135,478	-79,078	164,746	15%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	793	95,913	-	-	-	11,640	135,478	-79,078	164,746	15%
TOTAL GROSS FLOWS	52,088	117,857	213,325	367,871	-	64,502	145,116	168,723	1,050,404	94%
LOSSES & OMISSIONS	-2	-29	-63	46,423	-	685	-87	17,170	64,095	6%
TOTAL NET USAGE	52,085	117,827	213,261	414,294	-	65,187	145,028	106,815	1,114,499	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	33,745	328	-	-	34,073	28%
HYDROELECTRIC	-	-	-	-	-	-	-	355	355	0%
NUCLEAR	-	-	-	-	-	-	-	85,280	85,280	71%
GEO.&SOLAR	-	-	-	-	-	-	-	122	122	0%
TOTAL SUPPLY	-	-	-	-	33,745	328	-	85,757	119,830	
NET IMPORTS OF REGION	52,085	117,827	213,261	414,294	-33,745	64,859	145,028	21,058	994,669	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.57%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	12,857	4,247	-	24,839	-	10,493	20	97,658	150,114	23%
INDUSTRIAL	12,456	14,054	-	24,893	-	39,863	9,314	16,849	117,429	18%
TRANSPORTATION	12,121	1,835	148,113	17,941	-	3,234	-	-	183,244	28%
MISCELLANEOUS USES	484	560	-	193	-	568	-	1,794	3,599	1%
TOTAL FINAL DEMAND SECTORS	37,918	20,696	148,113	67,866	-	54,158	9,334	116,301	454,386	69%
TRANSFORMATION										
ELECTRICITY GEN.	714	104,011	-	-	-	5,374	159,393	-87,824	181,668	28%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	714	104,011	-	-	-	5,374	159,393	-87,824	181,668	28%
TOTAL GROSS FLOWS	38,632	124,707	148,113	67,866	-	59,532	168,727	116,301	636,054	97%
LOSSES & OMISSIONS	-1	-31	-44	8,564	-	632	-101	11,835	20,853	3%
TOTAL NET USAGE	38,630	124,675	148,068	76,430	-	60,164	168,625	40,312	656,907	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	5,951	66	-	-	6,017	25%
HYDROELECTRIC	-	-	-	-	-	-	-	250	250	1%
NUCLEAR	-	-	-	-	-	-	-	17,272	17,272	73%
GEO.&SOLAR	-	-	-	-	-	-	-	86	86	0%
TOTAL SUPPLY	-	-	-	-	5,951	66	-	17,608	23,625	
NET IMPORTS OF REGION	38,630	124,675	148,068	76,430	-5,951	60,098	168,625	22,704	633,282	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.41%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	2,147	684	-	4,148	-	1,713	3	16,054	24,749	17%
INDUSTRIAL	5,321	14,466	-	4,708	-	13,159	3,942	4,658	46,254	32%
TRANSPORTATION	1,576	352	24,733	219	-	540	-	-	27,420	19%
MISCELLANEOUS USES	81	282	-	32	-	387	-	1,223	2,005	1%
TOTAL FINAL DEMAND SECTORS	9,125	15,784	24,733	9,107	-	15,799	3,945	21,935	100,428	69%
TRANSFORMATION										
ELECTRICITY GEN.	49	17,781	-	-	-	1,045	43,294	-20,373	41,796	29%
PETROLEUM PRODUCTS	-2,256	-837	-2,575	-2,563	7,734	233	-	-	-264	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-2,207	16,944	-2,575	-2,563	7,734	1,278	43,294	-20,373	41,532	29%
TOTAL GROSS FLOWS	9,174	33,565	24,733	9,107	7,734	17,077	47,239	21,935	142,224	98%
LOSSES & OMISSIONS	-0	-3	-7	1,149	-0	181	-28	2,232	3,517	2%
TOTAL NET USAGE	6,917	32,719	22,150	7,693	7,733	17,258	47,210	3,794	145,477	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	379	379	95%
NUCLEAR	-	-	-	-	-	-	-	4	4	1%
GEO. &SOLAR	-	-	-	-	-	-	-	17	17	4%
TOTAL SUPPLY	-	-	-	-	-	-	-	400	400	
NET IMPORTS OF REGION	6,917	32,719	22,150	7,693	7,733	17,258	47,210	3,394	145,077	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.23%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	1,932	545	-	4,005	-	2,005	3	14,079	22,569	14%
INDUSTRIAL	5,400	8,850	-	12,610	-	31,235	7,935	8,454	73,484	45%
TRANSPORTATION	1,640	187	23,117	223	-	605	-	-	25,772	16%
MISCELLANEOUS USES	76	305	-	30	-	541	-	1,286	2,238	1%
TOTAL FINAL DEMAND SECTORS	9,048	9,887	23,117	16,868	-	34,386	7,938	23,819	124,063	76%
TRANSFORMATION										
ELECTRICITY GEN.	140	-	-	-	-	17,412	31,501	-15,819	33,234	20%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	140	-	-	-	-	17,412	31,501	-15,819	33,234	20%
TOTAL GROSS FLOWS	8,188	9,887	23,117	16.868	-	51,798	39,439	23,819	157,297	97%
LOSSES & OMISSIONS	-0	-2	-6	2.128	-	550	-23	2,423	5,069	3%
TOTAL NET USAGE	8,187	9,884	23,110	18.996	-	52,348	39,415	10,423	162,366	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	294,963	106,119	-	-	401,082	100%
HYDROELECTRIC	-	-	-	-	-	-	-	50	50	0%
NUCLEAR	-	-	-	-	-	-	-	4	4	0%
GEO.&SOLAR	-	-	-	-	-	-	-	21	21	0%
TOTAL SUPPLY	-	-	-	-	294,963	106,119	-	75	401,157	
NET IMPORTS OF REGION	8,187	9,884	23,110	18,996	-294,963	-53,770	39,415	10,348	-238,790	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.75%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATUEAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 40 MONTGOMERY ALABAMA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	2,254	627	-	10,238	-	13,886	7	21,911	48,923	26%
INDUSTRIAL	5,933	1,390	-	7,727	-	20,273	16,682	14,312	66,317	36%
TRANSPORTATION	7,244	8	44,585	7,330	-	3,124	-	-	62,291	33%
MISCELLANEOUS USES	159	253	-	64	-	2,026	-	19	2,521	1%
TOTAL FINAL DEMAND SECTORS	15,590	2,278	44,585	25,359	-	39,309	16,689	36,242	180,052	96%
TRANSFORMATION										
ELECTRICITY GEN.	1,732	-	-	-	-	2,027	-	-1,110	2,649	1%
PETROLEUM PRODUCTS	-24,181	-6,419	-41,008	-31,481	96,866	2,920	-	-	-3,303	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-22,449	-6,419	-41,008	-31,481	96,866	4,947	-	-1,110	-654	0%
TOTAL GROSS FLOWS	17,322	2,278	44,585	25,359	96,866	44,256	16,689	36,242	182,701	98%
LOSSES & OMISSIONS	-0	-0	-13	3,200	-9	470	-10	3,688	7,324	4%
TOTAL NET USAGE	-6,859	-4,141	3,563	-2,921	96,856	44,726	16,678	38,820	186,722	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	9,072	9,072	26%
NUCLEAR	-	-	-	-	-	-	-	25,358	25,358	74%
GEO.&SOLAR	-	-	-	-	-	-	-	55	55	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	34,485	34,485	
NET IMPORTS OF REGION	-6,859	-4,141	3,563	-2,921	96,856	44,726	16,678	4,335	152,237	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =70.47%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EIA ECONOMIC AREA 41 ALBANY GEORGIA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	2,833	1,167	-	4,675	-	9,142	1	14,879	32,697	24%
INDUSTRIAL	3,559	4,825	-	4,247	-	19,504	3,310	11,332	46,777	34%
TRANSPORTATION	3,530	18	28,889	291	-	603	-	-	33,331	24%
MISCELLANEOUS USES	90	247	-	36	-	641	-	32	1,046	1%
TOTAL FINAL DEMAND SECTORS	10,012	6,257	28,889	9,249	-	29,890	3,311	26,243	113,851	82%
TRANSFORMATION										
ELECTRICITY GEN.	63	-	-	-	-	1,374	28,945	-10,005	20,377	15%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	63	-	-	-	-	1,374	28,945	-10,005	20,377	15%
TOTAL GROSS FLOWS	10,075	6,257	28,889	9,249	-	31,264	32,255	26,243	134,228	97%
LOSSES & OMISSIONS	-0	-1	-8	1,167	-	332	-19	2,670	4,139	3%
TOTAL NET USAGE	10,074	6,255	28,880	10,416	-	31,596	32,236	18,908	138,367	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	1,801	1,801	99%
NUCLEAR	-	-	-	-	-	-	-	5	5	0%
GEO.&SOLAR	-	-	-	-	-	-	-	22	22	1%
TOTAL SUPPLY	-	-	-	-	-	-	-	1,828	1,828	
NET IMPORTS OF REGION	10,074	6,255	28,880	10,416	-	31,596	32,236	17,080	136,539	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.07%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	3,173	1,360	-	5,237	-	10,401	1	17,054	37,226	13%
INDUSTRIAL	5,531	8,280	-	4,810	-	27,124	3,679	10,622	60,046	21%
TRANSPORTATION	3,116	22	32,361	1,269	-	675	-	-	37,443	13%
MISCELLANEOUS USES	101	413	-	40	-	1,136	-	57	1,747	1%
TOTAL FINAL DEMAND SECTORS	11,921	10,075	32,361	11,356	-	39,336	3,680	27,733	136,462	47%
TRANSFORMATION										
ELECTRICITY GEN.	17	-	-	-	-	1,424	221,035	-74,031	148,445	51%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	17	-	-	-	-	1,424	221,035	-74,031	148,445	51%
TOTAL GROSS FLOWS	11,938	10,075	32,361	11,356	-	40,760	224,715	27,733	284,907	98%
LOSSES & OMISSIONS	-0	-2	-9	1,433	-	432	-135	2,822	4,540	2%
TOTAL NET USAGE	11,937	10,072	32,351	12,789	-	41,192	224,579	-43,475	289,447	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	3,233	3,233	99%
NUCLEAR	-	-	-	-	-	-	-	6	6	0%
GEO.&SOLAR	-	-	-	-	-	-	-	23	23	1%
TOTAL SUPPLY	-	-	-	-	-	-	-	3,262	3,262	
NET IMPORTS OF REGION	11,937	10,072	32,351	12,789	-	41,192	224,579	-46,737	286,185	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.72%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	2,372	926	-	5,438	-	8,827	2	14,496	32,061	24%
INDUSTRIAL	2,695	1,965	-	4,433	-	22,777	3,677	8,446	48,993	37%
TRANSPORTATION	4,324	16	29,234	392	-	1,123	-	-	35,089	27%
MISCELLANEOUS USES	96	433	-	38	-	1,457	-	58	2,082	2%
TOTAL FINAL DEMAND SECTORS	9,487	3,340	29,234	10,301	-	34,184	3,679	23,000	118,225	89%
TRANSFORMATION										
ELECTRICITY GEN.	368	-	-	-	-	1,010	13,726	-4,943	10,161	8%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	368	-	-	-	-	1,010	13,726	-4,943	10,161	8%
TOTAL GROSS FLOWS	9,855	3,340	29,234	10,301	-	35,194	22,405	23,000	128,386	97%
LOSSES & OMISSIONS	-0	-0	-8	1,299	-	373	-13	2,340	3,990	3%
TOTAL NET USAGE	9,854	3,339	29,225	11,600	-	35,567	22,391	20,397	132,376	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	3,559	3,559	99%
NUCLEAR	-	-	-	-	-	-	-	3	3	0%
GEO.&SOLAR	-	-	-	-	-	-	-	24	24	1%
TOTAL SUPPLY	-	-	-	-	-	-	-	3,586	3,586	
NET IMPORTS OF REGION	9,854	3,339	29,225	11,600	-	35,567	22,391	16,811	128,790	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.27%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 44 ATLANTA GEORGIA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	17,092	10,407	-	28,335	-	65,484	4	109,234	230,556	21%
INDUSTRIAL	9,574	21,636	-	29,652	-	102,663	23,108	31,075	217,708	19%
TRANSPORTATION	56,368	286	174,722	153,545	-	3,689	-	-	388,610	35%
MISCELLANEOUS USES	546	1,141	-	218	-	2,826	-	140	4,871	0%
TOTAL FINAL DEMAND SECTORS	83,580	33,470	174,722	211,750	-	174,662	23,112	140,449	841,745	75%
TRANSFORMATION										
ELECTRICITY GEN.	113	-	-	-	-	15,419	339,619	-117,546	237,605	21%
PETROLEUM PRODUCTS	-1,979	-734	-2,259	-2,248	6,784	204	-	-	-232	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-1,866	-734	-2,259	-2,248	6,784	15,623	339,619	-117,546	237,373	21%
TOTAL GROSS FLOWS	83,693	33,470	174,722	211,750	6,784	190,285	362,731	140,449	1,079,350	96%
LOSSES & OMISSIONS	-3	-3	-51	26,721	-0	2,021	-218	14,292	42,752	4%
TOTAL NET USAGE	81,710	32,727	172,411	236,223	6,783	192,306	362,512	37,195	1,121,870	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	11,243	11,243	99%
NUCLEAR	-	-	-	-	-	-	-	27	27	0%
GEO.&SOLAR	-	-	-	-	-	-	-	111	111	1%
TOTAL SUPPLY	-	-	-	-	-	-	-	11,381	11,381	
NET IMPORTS OF REGION	81,710	32,727	172,411	236,223	6,783	192,306	362,512	25,814	1,110,489	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.90%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.32%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	6,693	1,577	-	28,259	-	37,153	22	58,494	132,198	15%
INDUSTRIAL	22,888	6,523	-	38,924	-	111,243	159,798	50,434	389,810	43%
TRANSPORTATION	36,055	228	122,995	5,006	-	8,562	-	-	172,846	19%
MISCELLANEOUS USES	436	387	-	175	-	2,498	-	121	3,617	0%
TOTAL FINAL DEMAND SECTORS	66,072	8,715	122,995	72,364	-	159,456	159,820	109,049	698,471	78%
TRANSFORMATION										
ELECTRICITY GEN.	5,346	-	-	-	-	3,421	262,597	-90,888	180,476	20%
PETROLEUM PRODUCTS	-7,073	-1,877	-11,995	-9,208	28,333	854	-	-	-966	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-1,727	-1,877	-11,995	-9,208	28,333	4,275	262,597	-90,888	179,510	20%
TOTAL GROSS FLOWS	71,418	8,715	122,995	72,364	28,333	163,731	422,417	109,049	878,947	98%
LOSSES & OMISSIONS	-2	-2	-35	9,131	-2	1,739	-254	11,097	21,669	2%
TOTAL NET USAGE	64,342	6,835	110,963	72,287	28,330	165,470	422,162	29,258	899,650	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	1,825	11,039	350,806	-	363,670	97%
HYDROELECTRIC	-	-	-	-	-	-	-	9,606	9,606	3%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO. &SOLAR	-	-	-	-	-	-	-	170	170	0%
TOTAL SUPPLY	-	-	-	-	1,825	11,039	350,806	9,776	373,446	
NET IMPORTS OF REGION	64,342	6,835	110,963	72,287	26,505	154,431	71,356	19,482	526,204	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =56.51%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	7,740	1,344	-	29,469	-	37,632	44	62,424	138,653	22%
INDUSTRIAL	13,222	4,815	-	37,277	-	47,287	39,964	52,296	194,861	30%
TRANSPORTATION	53,031	671	124,606	22,146	-	11,672	-	-	212,126	33%
MISCELLANEOUS USES	417	352	-	167	-	2,716	-	219	3,871	1%
TOTAL FINAL DEMAND SECTORS	74,410	7,182	124,606	89,059	-	99,307	40,008	114,939	549,511	86%
TRANSFORMATION										
ELECTRICITY GEN.	6,760	-	-	-	-	35,498	62,255	-34,466	70,047	11%
PETROLEUM PRODUCTS	-28,073	-21,195	-46,266	-41,294	128,569	3,875	-	-	-4,384	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-21,313	-21,195	-46,266	-41,294	128,569	39,373	62,255	-34,466	65,663	10%
TOTAL GROSS FLOWS	81,170	7,182	124,606	89,059	128,569	138,680	102,263	114,939	619,558	97%
LOSSES & OMISSIONS	-3	-1	-37	11,238	-12	1,473	-61	11,696	24,292	4%
TOTAL NET USAGE	53,093	-14,014	78,302	59,003	128,556	140,153	102,201	92,169	639,466	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	58	58	9%
NUCLEAR	-	-	-	-	-	-	-	432	432	65%
GEO.&SOLAR	-	-	-	-	-	-	-	179	179	27%
TOTAL SUPPLY	-	-	-	-	-	-	-	669	669	
NET IMPORTS OF REGION	53,093	-14,014	78,302	59,003	128,556	140,153	102,201	91,500	638,797	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.02%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	2,816	776	-	12,095	-	16,777	11	27,795	60,270	18%
INDUSTRIAL	8,084	2,411	-	16,893	-	46,560	58,827	24,322	157,097	47%
TRANSPORTATION	7,920	8	52,549	1,437	-	3,670	-	-	65,584	20%
MISCELLANEOUS USES	187	209	-	74	-	1,561	-	33	2,064	1%
TOTAL FINAL DEMAND SECTORS	19,007	3,404	52,549	30,499	-	68,568	58,838	52,150	285,015	86%
TRANSFORMATION										
ELECTRICITY GEN.	2,558	-	-	-	-	3,891	50,343	-18,915	37,877	11%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	2,558	-	-	-	-	3,891	50,343	-18,915	37,877	11%
TOTAL GROSS FLOWS	21,565	3,404	52,549	30,499	-	72,459	109,181	52,150	322,892	97%
LOSSES & OMISSIONS	-0	-0	-15	3,348	-	769	-65	5,307	9,842	3%
TOTAL NET USAGE	21,564	3,403	52,533	34,347	-	73,228	109,115	38,542	332,734	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	14,885	14,885	15%
NUCLEAR	-	-	-	-	-	-	-	86,047	86,047	85%
GEO.&SOLAR	-	-	-	-	-	-	-	81	81	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	101,013	101,013	
NET IMPORTS OF REGION	21,564	3,403	52,533	34,347	-	73,228	109,115	-62,470	231,721	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.69%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 48 CHATTANOOGA TENNESSEE-GEORGIA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	4,231	830	-	12,033	-	15,759	18	29,112	61,983	16%
INDUSTRIAL	6,287	4,566	-	23,047	-	51,188	50,823	34,293	170,204	44%
TRANSPORTATION	10,660	23	56,402	2,760	-	3,175	-	-	73,020	19%
MISCELLANEOUS USES	193	188	-	77	-	841	-	22	1,321	0%
TOTAL FINAL DEMAND SECTORS	21,371	5,607	56,402	37,917	-	70,963	50,841	63,427	306,528	80%
TRANSFORMATION										
ELECTRICITY GEN.	2,490	-	-	-	-	2,360	93,771	-32,884	65,737	17%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	2,490	-	-	-	-	2,360	93,771	-32,884	65,737	17%
TOTAL GROSS FLOWS	23,861	5,607	56,402	37,917	-	73,323	144,612	63,427	372,265	97%
LOSSES & OMISSIONS	-0	-1	-16	4,784	-	778	-87	6,454	11,912	3%
TOTAL NET USAGE	23,860	5,605	56,385	42,701	-	74,101	144,524	36,997	384,177	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	35,063	-	35,063	22%
HYDROELECTRIC	-	-	-	-	-	-	-	15,561	15,561	10%
NUCLEAR	-	-	-	-	-	-	-	106,301	106,301	68%
GEO.&SOLAR	-	-	-	-	-	-	-	92	92	0%
TOTAL SUPPLY	-	-	-	-	-	-	35,063	121,954	157,017	
NET IMPORTS OF REGION	23,860	5,605	56,385	42,701	-	74,101	109,461	-84,956	227,160	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.66%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	6,803	1,071	-	25,779	-	35,736	52	59,650	129,081	20%
INDUSTRIAL	6,521	1,918	-	20,202	-	49,251	53,738	44,163	175,793	27%
TRANSPORTATION	34,402	59	109,961	22,229	-	7,722	-	-	174,373	27%
MISCELLANEOUS USES	394	301	-	158	-	2,833	-	424	4,100	1%
TOTAL FINAL DEMAND SECTORS	48,120	3,349	109,961	68,368	-	95,522	53,790	104,237	483,347	75%
TRANSFORMATION										
ELECTRICITY GEN.	5,063	-	-	-	-	9,536	195,988	-70,463	140,124	22%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	5,063	-	-	-	-	9,536	195,988	-70,463	140,124	22%
TOTAL GROSS FLOWS	53,183	3,349	109,961	68,368	-	105,058	249,778	104,237	623,471	97%
LOSSES & OMISSIONS	-2	-0	-32	8,627	-	1,115	-150	10,607	20,164	3%
TOTAL NET USAGE	53,180	3,348	109,928	76,995	-	106,173	249,627	44,381	643,635	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	2,518	3,345	16,189	-	22,052	22%
HYDROELECTRIC	-	-	-	-	-	-	-	6,127	6,127	6%
NUCLEAR	-	-	-	-	-	-	-	74,090	74,090	72%
GEO.&SOLAR	-	-	-	-	-	-	-	162	162	0%
TOTAL SUPPLY	-	-	-	-	2,518	3,345	16,189	80,379	102,431	
NET IMPORTS OF REGION	53,180	3,348	109,928	76,995	-2,518	102,828	233,438	-35,997	541,204	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.54%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	4,047	525	-	15,332	-	19,350	31	33,972	73,257	16%
INDUSTRIAL	5,636	1,644	-	33,384	-	50,282	81,774	43,969	216,689	46%
TRANSPORTATION	17,571	28	65,389	6,042	-	4,592	-	-	93,622	20%
MISCELLANEOUS USES	234	162	-	94	-	1,278	-	146	1,914	0%
TOTAL FINAL DEMAND SECTORS	27,488	2,359	65,389	54,852	-	75,502	81,805	78,087	385,482	82%
TRANSFORMATION										
ELECTRICITY GEN.	3,968	-	-	-	-	2,541	96,490	-34,357	68,642	15%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	3,968	-	-	-	-	2,541	96,490	-34,357	68,642	15%
TOTAL GROSS FLOWS	31,456	2,359	65,389	54,852	-	78,043	178,295	78,087	454,124	97%
LOSSES & OMISSIONS	-1	-0	-19	6,921	-	828	-107	7,946	15,568	3%
TOTAL NET USAGE	31,454	2,358	65,369	61,773	-	78,871	178,187	51,676	469,692	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	5,190	25,576	628,378	-	659,144	99%
HYDROELECTRIC	-	-	-	-	-	-	-	8,937	8,937	1%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	127	127	0%
TOTAL SUPPLY	-	-	-	-	5,190	25,576	628,378	9,064	668,208	
NET IMPORTS OF REGION	31,454	2,358	65,369	61,773	-5,190	53,295	-450,190	42,612	-198,515	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.64%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	10,497	841	-	11,736	-	15,768	19	26,589	65,450	17%
INDUSTRIAL	8,569	4,013	-	30,260	-	41,468	59,900	31,049	175,259	46%
TRANSPORTATION	18,654	36	52,215	1,638	-	2,564	-	-	75,107	20%
MISCELLANEOUS USES	188	190	-	76	-	780	-	495	1,729	0%
TOTAL FINAL DEMAND SECTORS	37,908	5,080	52,215	43,710	-	60,580	59,919	58,133	317,545	84%
TRANSFORMATION										
ELECTRICITY GEN.	2,017	-	-	-	-	2,267	70,445	-24,786	49,943	13%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	2,017	-	-	-	-	2,267	70,445	-24,786	49,943	13%
TOTAL GROSS FLOWS	39,925	5,080	52,215	43,710	-	62,847	130,364	58,133	367,488	97%
LOSSES & OMISSIONS	-1	-1	-15	5,515	-	667	-78	5,915	12,002	3%
TOTAL NET USAGE	39,923	5,078	52,199	49,225	-	63,514	130,285	39,262	379,490	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	1,200	7,553	1,305,641	-	1,314,394	95%
HYDROELECTRIC	-	-	-	-	-	-	-	2,265	2,265	0%
NUCLEAR	-	-	-	-	-	-	-	74,108	74,108	5%
GEO.&SOLAR	-	-	-	-	-	-	-	80	80	0%
TOTAL SUPPLY	-	-	-	-	1,200	7,553	1,305,641	76,453	1,390,847	
NET IMPORTS OF REGION	39,923	5,078	52,199	49,225	-1,200	55,961	-1,175,355	-37,190	-1,011,356	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =56.83%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	8,081	1,524	-	13,538	-	45,220	271	30,023	98,657	11%
INDUSTRIAL	6,268	4,444	-	51,526	-	99,687	157,804	68,795	388,524	45%
TRANSPORTATION	18,036	1,738	61,284	1,269	-	2,794	-	-	85,171	10%
MISCELLANEOUS USES	266	290	-	106	-	2,120	-	255	3,037	0%
TOTAL FINAL DEMAND SECTORS	32,651	8,046	61,284	66,439	-	149,821	158,075	99,073	575,389	67%
TRANSFORMATION										
ELECTRICITY GEN.	2,143	-	-	-	-	5,032	417,343	-141,001	283,517	33%
PETROLEUM PRODUCTS	-88,779	-66,285	-145,332	-129,943	404,363	12,187	-	-	-13,789	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-86,636	-66,285	-145,332	-129,943	404,363	17,219	417,343	-141,001	269,728	31%
TOTAL GROSS FLOWS	34,794	8,046	61,284	66,439	404,363	167,040	575,418	99,073	858,906	99%
LOSSES & OMISSIONS	-1	-2	-18	8,384	-37	1,774	-347	10,082	19,834	2%
TOTAL NET USAGE	-53,986	-58,241	-84,066	-55,119	404,325	168,814	575,070	-31,845	864,951	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	17,422	11,793	2,588,957	-	2,618,172	100%
HYDROELECTRIC	-	-	-	-	-	-	-	433	433	0%
NUCLEAR	-	-	-	-	-	-	-	13	13	0%
GEO. &SOLAR	-	-	-	-	-	-	-	120	120	0%
TOTAL SUPPLY	-	-	-	-	17,422	11,793	2,588,957	566	2,618,738	
NET IMPORTS OF REGION	-53,986	-58,241	-84,066	-55,119	386,903	157,021	-2,013,886	-32,411	-1,753,786	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.79%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER PYDEO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	3,597	364	-	13,386	-	27,191	24	22,941	67,503	26%
INDUSTRIAL	3,289	505	-	5,597	-	16,510	21,717	26,272	73,890	29%
TRANSPORTATION	10,676	28	54,836	1,120	-	4,001	-	-	70,861	27%
MISCELLANEOUS USES	204	139	-	82	-	1,753	-	752	2,930	1%
TOTAL FINAL DEMAND SECTORS	17,966	1,036	54,836	20,185	-	49,455	21,741	49,965	215,184	83%
TRANSFORMATION										
ELECTRICITY GEN.	2,532	468	-	-	-	1,620	48,285	-17,601	35,304	14%
PETROLEUM PRODUCTS	-1,919	-1,449	-3,162	-2,822	8,786	265	-	-	-301	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	613	-981	-3,162	-2,822	8,786	1,885	48,285	-17,601	35,003	14%
TOTAL GROSS FLOWS	20,498	1,504	54,836	20,185	8,786	51,340	70,026	49,965	250,488	97%
LOSSES & OMISSIONS	-0	-0	-176	2,547	-0	545	-42	5,084	8,116	3%
TOTAL NET USAGE	18,578	54	51,657	19,910	8,785	51,885	69,983	37,448	258,303	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	21,329	32,462	685,924	-	739,715	100%
HYDROELECTRIC	-	-	-	-	-	-	-	2,928	2,928	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	81	81	0%
TOTAL SUPPLY	-	-	-	-	21,329	32,462	685,924	3,009	742,724	
NET IMPORTS OF REGION	18,578	54	51,657	19,910	-12,543	19,423	-615,940	34,439	-484,420	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.73%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.33%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 54 LOUISVILLE KENTUCKY-INDIANA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	12,123	1,640	-	20,466	-	48,775	613	40,479	124,096	19%
INDUSTRIAL	6,843	2,611	-	23,662	-	56,479	66,315	66,351	222,261	34%
TRANSPORTATION	25,559	65	89,700	16,984	-	6,249	-	-	138,557	21%
MISCELLANEOUS USES	356	417	-	143	-	3,310	-	1,209	5,435	1%
TOTAL FINAL DEMAND SECTORS	44,881	4,733	89,700	61,255	-	114,813	66,928	108,039	490,349	74%
TRANSFORMATION										
ELECTRICITY GEN.	5,463	43	-	-	-	4,560	219,192	-76,357	152,901	23%
PETROLEUM PRODUCTS	-16,114	-12,167	-26,558	-23,704	73,802	2,224	-	-	-2,517	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-10,651	-12,124	-26,558	-23,704	73,802	6,784	219,192	-76,357	150,384	23%
TOTAL GROSS FLOWS	50,344	4,776	89,700	61,255	73,802	121,597	286,120	108,039	643,250	97%
LOSSES & OMISSIONS	-2	-1	-26	7,730	-6	1,291	-172	10,994	19,806	3%
TOTAL NET USAGE	34,227	-7,392	63,115	45,281	73,795	122,888	285,947	42,676	660,539	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	146	-	-	-	146	14%
HYDROELECTRIC	-	-	-	-	-	-	-	745	745	70%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	172	172	16%
TOTAL SUPPLY	-	-	-	-	146	-	-	917	1,063	
NET IMPORTS OF REGION	34,227	-7,392	63,115	45,281	73,649	122,888	285,947	41,759	659,476	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.69%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	14,534	3,115	-	10,366	-	30,490	1,080	22,908	82,493	13%
INDUSTRIAL	7,876	5,364	-	21,341	-	46,942	36,595	20,934	139,052	22%
TRANSPORTATION	11,228	11	52,761	28,650	-	3,363	-	-	96,013	15%
MISCELLANEOUS USES	243	408	-	98	-	1,308	-	285	2,342	0%
TOTAL FINAL DEMAND SECTORS	33,881	8,898	52,761	60,455	-	82,103	37,675	44,127	319,900	51%
TRANSFORMATION										
ELECTRICITY GEN.	4,807	22,595	-	-	-	2,777	424,487	-151,183	303,483	49%
PETROLEUM PRODUCTS	-67,059	-50,630	-110,519	-98,644	307,125	9,257	-	-	-10,470	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-62,252	-28,035	-110,519	-98,644	307,125	12,034	424,487	-151,183	293,013	47%
TOTAL GROSS FLOWS	38,688	31,493	52,761	60,455	307,125	94,137	462,162	44,127	623,383	100%
LOSSES & OMISSIONS	-1	-7	-15	7,629	-28	999	-278	4,490	12,786	2%
TOTAL NET USAGE	-28,372	-19,144	-57,773	-30,559	307,096	95,136	461,883	-102,565	625,699	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	135,608	32,003	1,924,312	-	2,091,923	98%
HYDROELECTRIC	-	-	-	-	-	-	-	7	7	0%
NUCLEAR	-	-	-	-	-	-	-	34,665	34,665	2%
GEO.&SOLAR	-	-	-	-	-	-	-	50	50	0%
TOTAL SUPPLY	-	-	-	-	135,608	32,003	1,924,312	34,722	2,126,645	
NET IMPORTS OF REGION	-28,372	-19,144	-57,773	-30,559	171,488	63,133	-1,462,428	-137,287	-1,500,945	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =56.75%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	6,298	1,332	-	2,658	-	9,675	504	7,001	27,468	17%
INDUSTRIAL	1,863	2,079	-	18,482	-	16,316	8,247	4,270	51,257	32%
TRANSPORTATION	2,868	-	15,796	176	-	916	-	-	19,756	12%
MISCELLANEOUS USES	80	191	-	32	-	473	-	45	821	1%
TOTAL FINAL DEMAND SECTORS	11,109	3,602	15,796	21,348	-	27,380	8,751	11,316	99,302	62%
TRANSFORMATION										
ELECTRICITY GEN.	638	-	-	-	-	898	109,998	-36,998	74,536	47%
PETROLEUM PRODUCTS	-122,148	-92,222	-201,308	-179,677	559,419	16,861	-	-	-19,075	-11%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-121,510	-92,222	-201,308	-179,677	559,419	17,759	109,998	-36,998	55,461	35%
TOTAL GROSS FLOWS	11,747	3,602	15,796	21,348	559,419	45,139	118,749	11,316	173,838	109%
LOSSES & OMISSIONS	-0	-0	-4	2,693	-52	479	-71	1,151	4,194	3%
TOTAL NET USAGE	-110,401	-88,620	-185,516	-155,635	559,366	45,618	118,677	-24,530	158,957	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	13,292	284	252,804	-	266,380	100%
HYDROELECTRIC	-	-	-	-	-	-	-	1	1	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO. &SOLAR	-	-	-	-	-	-	-	9	9	0%
TOTAL SUPPLY	-	-	-	-	13,292	284	252,804	10	266,390	
NET IMPORTS OF REGION	-110,401	-88,620	-185,516	-155,635	546,074	45,334	-134,126	-24,540	-107,432	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.83%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EEA ECONOMIC AREA 57 SPRINGFIELD ILLINOIS 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	9,163	3,188	-	5,525	-	26,865	895	14,766	60,502	25%
INDUSTRIAL	3,262	2,268	-	6,777	-	19,793	10,955	7,497	50,552	21%
TRANSPORTATION	4,866	1	29,282	2,315	-	2,010	-	-	38,474	16%
MISCELLANEOUS USES	176	528	-	70	-	1,481	-	634	2,889	1%
TOTAL FINAL DEMAND SECTORS	17,467	5,985	29,282	14,787	-	50,149	11,850	22,897	152,417	64%
TRANSFORMATION										
ELECTRICITY GEN.	1,575	5,631	-	-	-	1,780	111,381	-39,774	80,593	34%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1,575	5,631	-	-	-	1,780	111,381	-39,774	80,593	34%
TOTAL GROSS FLOWS	19,042	11,616	29,282	14,787	-	51,929	123,231	22,897	233,010	98%
LOSSES & OMISSIONS	-0	-2	-8	1,866	-	551	-74	2,330	4,661	2%
TOTAL NET USAGE	19,041	11,613	29,273	16,653	-	52,480	123,155	-14,546	237,671	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	4,495	-	120,073	-	124,568	81%
HYDROELECTRIC	-	-	-	-	-	-	-	3	3	0%
NUCLEAR	-	-	-	-	-	-	-	29,143	29,143	19%
GEO. & SOLAR	-	-	-	-	-	-	-	19	19	0%
TOTAL SUPPLY	-	-	-	-	4,495	-	120,073	29,165	153,733	
NET IMPORTS OF REGION	19,041	11,613	29,273	16,653	-4,495	52,480	3,083	-43,711	83,938	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.96%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 58 CHAMPAIGN-URBANA ILLINOIS 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	6,620	2,138	-	4,064	-	18,875	646	10,263	42,606	32%
INDUSTRIAL	2,480	1,967	-	5,810	-	15,650	10,547	5,685	42,139	32%
TRANSPORTATION	3,041	1	21,155	340	-	1,452	-	-	25,989	20%
MISCELLANEOUS USES	127	678	-	51	-	2,029	-	869	3,754	3%
TOTAL FINAL DEMAND SECTORS	12,268	4,784	21,155	10,265	-	38,006	11,193	16,817	114,488	87%
TRANSFORMATION										
ELECTRICITY GEN.	610	-	-	-	-	1,315	18,670	-6,762	13,833	11%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	610	-	-	-	-	1,315	18,670	-6,762	13,833	11%
TOTAL GROSS FLOWS	12,878	4,784	21,155	10,265	-	39,321	29,863	16,817	128,321	97%
LOSSES & OMISSIONS	-0	-1	-6	1,295	-	417	-18	1,711	3,398	3%
TOTAL NET USAGE	12,877	4,782	21,148	11,560	-	39,738	29,844	11,766	131,719	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	7,362	25,095	54,054	-	86,511	100%
HYDROELECTRIC	-	-	-	-	-	-	-	2	2	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	14	14	0%
TOTAL SUPPLY	-	-	-	-	7,362	25,095	54,054	16	86,527	
NET IMPORTS OF REGION	12,877	4,782	21,148	11,560	-7,362	14,643	-24,209	11,750	45,192	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.17%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 59 LAFAYETTE-WEST LAFAYETTE INDIANA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	6,563	1,322	-	2,645	-	9,269	514	7,012	27,325	26%
INDUSTRIAL	2,703	1,947	-	7,084	-	16,582	10,211	6,093	44,620	43%
TRANSPORTATION	2,436	-	16,013	160	-	906	-	-	19,515	19%
MISCELLANEOUS USES	79	238	-	32	-	603	-	22	974	1%
TOTAL FINAL DEMAND SECTORS	11,781	3,507	16,013	9,921	-	27,360	10,725	13,127	92,434	89%
TRANSFORMATION										
ELECTRICITY GEN.	489	463	-	-	-	1,081	10,753	-4,176	8,610	8%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	489	463	-	-	-	1,081	10,753	-4,176	8,610	8%
TOTAL GROSS FLOWS	12,270	3,970	16,013	9,921	-	28,441	21,478	13,127	101,044	97%
LOSSES & OMISSIONS	-0	-0	-4	1,251	-	302	-12	1,335	2,870	3%
TOTAL NET USAGE	12,269	3,969	16,008	11,172	-	28,743	21,465	10,286	103,914	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	1,357	-	1,357	94%
HYDROELECTRIC	-	-	-	-	-	-	-	69	69	5%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	11	11	1%
TOTAL SUPPLY	-	-	-	-	-	-	1,357	80	1,437	
NET IMPORTS OF REGION	12,269	3,969	16,008	11,172	-	28,743	20,108	10,206	102,477	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.34%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	47,668	10,856	-	19,214	-	70,981	3,730	54,052	206,501	23%
INDUSTRIAL	12,625	13,675	-	51,001	-	98,132	55,222	26,862	257,517	28%
TRANSPORTATION	32,349	2	116,311	173,883	-	6,583	-	-	329,128	36%
MISCELLANEOUS USES	575	1,548	-	230	-	3,852	-	143	6,348	1%
TOTAL FINAL DEMAND SECTORS	93,217	26,081	116,311	244,328	-	179,548	58,952	81,057	799,494	88%
TRANSFORMATION										
ELECTRICITY GEN.	2,833	3,930	-	-	-	6,312	92,085	-34,506	70,654	8%
PETROLEUM PRODUCTS	-20,463	-15,450	-33,725	-30,101	93,718	2,825	-	-	-3,196	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-17,630	-11,520	-33,725	-30,101	93,718	9,137	92,085	-34,506	67,458	7%
TOTAL GROSS FLOWS	96,050	30,011	116,311	244,328	93,718	188,685	151,037	81,057	870,148	96%
LOSSES & OMISSIONS	-4	-7	-34	30,832	-8	2,004	-91	8,248	40,939	5%
TOTAL NET USAGE	75,582	14,553	82,551	245,059	93,709	190,689	150,945	54,799	907,891	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	429	-	429	85%
HYDROELECTRIC	-	-	-	-	-	-	-	10	10	2%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO. &SOLAR	-	-	-	-	-	-	-	66	66	13%
TOTAL SUPPLY		-	-	-	-	-	429	76	505	
NET IMPORTS OF REGION	75,582	14,553	82,551	245,059	93,709	190,689	150,516	54,723	907,386	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.19%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	14,967	2,634	-	6,033	-	20,021	1,171	15,060	59,886	26%
INDUSTRIAL	5,210	5,114	-	8,736	-	41,304	29,713	11,586	101,663	44%
TRANSPORTATION	5,622	-	36,519	387	-	2,067	-	-	44,595	19%
MISCELLANEOUS USES	181	359	-	72	-	837	-	31	1,480	1%
TOTAL FINAL DEMAND SECTORS	25,980	8,107	36,519	15,228	-	64,229	30,884	26,677	207,624	89%
TRANSFORMATION										
ELECTRICITY GEN.	901	-	-	-	-	2,170	25,922	-9,505	19,488	8%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	901	-	-	-	-	2,170	25,922	-9,505	19,488	8%
TOTAL GROSS FLOWS	26,881	8,107	36,519	15,228	-	66,399	56,806	26,677	227,112	98%
LOSSES & OMISSIONS	-1	-2	-10	1,921	-	705	-34	2,714	5,293	2%
TOTAL NET USAGE	26,879	8,104	36,508	17,149	-	67,104	56,771	19,886	232,405	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	14	-	-	-	14	34%
HYDROELECTRIC	-	-	-	-	-	-	-	4	4	10%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO. &SOLAR	-	-	-	-	-	-	-	23	23	56%
TOTAL SUPPLY	-	-	-	-	14	-	-	27	41	
NET IMPORTS OF REGION	26,879	8,104	36,508	17,149	-14	67,104	56,771	19,859	232,364	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.22%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	20,645	1,492	-	22,066	-	96,263	2,508	56,594	199,568	18%
INDUSTRIAL	7,350	8,827	-	59,238	-	105,847	101,815	47,225	330,302	30%
TRANSPORTATION	28,049	17	117,894	38,213	-	7,679	-	-	191,852	17%
MISCELLANEOUS USES	608	403	-	243	-	3,374	-	949	5,577	1%
TOTAL FINAL DEMAND SECTORS	56,652	10,739	117,894	119,760	-	213,163	104,323	104,768	727,299	66%
TRANSFORMATION										
ELECTRICITY GEN.	6,333	563	-	-	-	8,086	505,476	-173,094	347,364	32%
PETROLEUM PRODUCTS	-26,922	-20,326	-44,369	-39,601	123,297	3,716	-	-	-4,205	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-20,589	-19,763	-44,369	-39,601	123,297	11,802	505,476	-173,094	343,159	31%
TOTAL GROSS FLOWS	62,985	11,302	117,994	119,760	123,297	224,965	609,799	104,768	1,074,663	98%
LOSSES & OMISSIONS	-2	-2	-35	15,112	-11	2,389	-368	10,661	27,744	3%
TOTAL NET USAGE	36,060	-9,026	73,489	95,271	123,285	227,354	609,430	-57,664	1,098,202	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	397	397	3%
NUCLEAR	-	-	-	-	-	-	-	12,148	12,148	96%
GEO.&SOLAR	-	-	-	-	-	-	-	103	103	1%
TOTAL SUPPLY	-	-	-	-	-	-	-	12,648	12,648	
NET IMPORTS OF REGION	36,060	-9,026	73,489	95,271	123,285	227,354	609,430	-70,312	1,085,554	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.74%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	13,052	647	-	12,313	-	63,061	1,843	33,719	124,635	30%
INDUSTRIAL	2,788	2,896	-	11,303	-	51,363	40,302	17,453	125,807	31%
TRANSPORTATION	10,589	1	70,921	10,828	-	4,522	-	-	96,861	24%
MISCELLANEOUS USES	395	266	-	158	-	3,873	-	1,048	5,740	1%
TOTAL FINAL DEMAND SECTORS	26,824	3,810	70,921	34,302	-	122,821	42,145	52,220	353,043	86%
TRANSFORMATION										
ELECTRICITY GEN.	2,224	2,127	-	-	-	4,071	60,897	-22,736	46,583	11%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	2,224	2,127	-	-	-	4,071	60,897	-22,736	46,583	11%
TOTAL GROSS FLOWS	29,048	5,937	70,921	34,302	-	126,892	103,042	52,220	399,626	97%
LOSSES & OMISSIONS	-1	-1	-21	4,328	-	1,347	-62	5,314	10,904	3%
TOTAL NET USAGE	29,046	5,935	70,899	38,630	-	128,239	102,979	34,798	410,530	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	24	-	-	-	24	32%
HYDROELECTRIC	-	-	-	-	-	-	-	7	7	9%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	43	43	58%
TOTAL SUPPLY	-	-	-	-	24	-	-	50	74	
NET IMPORTS OF REGION	29,046	5,935	70,899	38,630	-24	128,239	102,979	34,748	410,456	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.20%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	20,922	1,316	-	20,206	-	105,621	2,841	57,803	208,709	24%
INDUSTRIAL	5,946	6,564	-	43,780	-	122,039	102,835	36,543	317,707	37%
TRANSPORTATION	20,707	9	114,797	14,361	-	7,125	-	-	156,999	18%
MISCELLANEOUS USES	632	423	-	253	-	5,043	-	1,274	7,625	1%
TOTAL FINAL DEMAND SECTORS	48,207	8,312	114,797	78,600	-	239,828	105,676	95,620	691,040	81%
TRANSFORMATION										
ELECTRICITY GEN.	3,109	1,865	-	-	-	7,250	201,052	-70,447	142,829	17%
PETROLEUM PRODUCTS	-1,919	-712	-2,191	-2,180	6,580	198	-	-	-224	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1,190	1,153	-2,191	-2,180	6,580	7,448	201,052	-70,447	142,605	17%
TOTAL GROSS FLOWS	51,316	10,177	114,797	78,600	6,580	247,276	306,728	95,620	833,869	97%
LOSSES & OMISSIONS	-2	-2	-34	9,918	-0	42,626	-185	9,730	22,051	3%
TOTAL NET USAGE	49,394	9,462	112,571	86,338	6,579	249,902	306,542	34,903	855,696	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	53,196	69,362	295,608	-	418,166	100%
HYDROELECTRIC	-	-	-	-	-	-	-	42	42	0%
NUCLEAR	-	-	-	-	-	-	-	3	3	0%
GEO.&SOLAR	-	-	-	-	-	-	-	79	79	0%
TOTAL SUPPLY	-	-	-	-	53,196	69,362	295,608	124	418,290	
NET IMPORTS OF REGION	49,394	9,462	112,571	86,338	-46,616	180,540	10,934	34,779	437,406	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.97%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.30%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	2,223	568	-	3,375	-	12,698	6	8,365	27,235	12%
INDUSTRIAL	1,122	808	-	1,405	-	27,931	22,532	8,706	62,504	29%
TRANSPORTATION	3,910	24	15,112	223	-	433	-	-	19,702	9%
MISCELLANEOUS USES	65	118	-	26	-	827	-	13	1,049	0%
TOTAL FINAL DEMAND SECTORS	7,320	1,518	15,112	5,029	-	41,889	22,538	17,084	110,490	51%
TRANSFORMATION										
ELECTRICITY GEN.	-	1,394	-	-	-	924	155,777	-52,596	105,499	48%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-	1,394	-	-	-	924	155,777	-52,596	105,499	48%
TOTAL GROSS FLOWS	7,320	2,912	15,112	5,029	-	42,813	178,315	17,084	215,989	99%
LOSSES & OMISSIONS	-0	-0	-4	634	-	454	-107	1,738	2,714	1%
TOTAL NET USAGE	7,319	2,911	15,107	5,663	-	43,267	178,207	-33,773	218,703	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	48,763	265,785	907,595	-	1,222,143	100%
HYDROELECTRIC	-	-	-	-	-	-	-	43	43	0%
NUCLEAR	-	-	-	-	-	-	-	4	4	0%
GEO. &SOLAR	-	-	-	-	-	-	-	15	15	0%
TOTAL SUPPLY	-	-	-	-	48,763	265,785	907,595	62	1,222,205	
NET IMPORTS OF REGION	7,319	2,911	15,107	5,663	-48,763	-222,517	-729,387	-33,835	-1,003,501	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.73%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	86,675	25,937	-	22,885	-	102,980	10,643	81,074	330,194	15%
INDUSTRIAL	20,350	38,964	-	118,262	-	198,524	341,143	99,672	816,915	38%
TRANSPORTATION	36,853	10,013	179,539	75,275	-	6,701	181	1,100	309,662	14%
MISCELLANECUS USES	852	2,427	-	341	-	3,060	-	231	6,911	0%
TOTAL FINAL DEMAND SECTORS	144,730	77,341	179,539	216,763	-	311,265	351,967	182,077	1,463,682	68%
TRANSFORMATION										
ELECTRICITY GEN.	398	27,033	-	-	-	23,959	764,235	-270,599	545,026	25%
PETROLEUM PRODUCTS	-5,521	-2,050	-6,718	-8,942	21,829	658	-	-	-744	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	130,380	-43,580	86,800	4%
NET FUEL USED IN TRANSFORMATION	-5,123	24,983	-6,718	-8,942	21,829	24,617	894,615	-314,179	631,082	29%
TOTAL GROSS FLOWS	145,128	104,324	179,539	216,763	21,829	335,882	1,246,582	182,077	2,095,508	98%
LOSSES & OMISSIONS	-6	-26	-53	27,354	-2	3,567	-752	18,529	48,611	2%
TOTAL NET USAGE	139,600	102,297	172,767	235,175	21,826	339,449	1,245,829	-113,572	2,143,375	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	17,557	85,637	2,872,227	-	2,975,421	99%
HYDROELECTRIC	-	-	-	-	-	-	-	2,565	2,565	0%
NUCLEAR	-	-	-	-	-	-	-	34,510	34,510	1%
GEO.&SOLAR	-	-	-	-	-	-	-	1,645	1,645	0%
TOTAL SUPPLY	-	-	-	-	17,557	85,637	2,872,227	38,720	3,014,141	
NET IMPORTS OF REGION	139,600	102,297	172,767	235,175	4,269	253,812	-1,626,397	-152,292	-870,765	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.82%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS =66.57%

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	12,316	2,107	-	6,897	-	33,412	1,65E	19,389	75,779	17%
INDUSTRIAL	5,804	8,478	-	6,363	-	83,125	117,42E	25,285	256,479	59%
TRANSPORTATION	8,515	76	44,017	862	-	2,465	1E	67	56,016	13%
MISCELLANEOUS USES	235	238	-	93	-	875	-	206	1,647	0%
TOTAL FINAL DEMAND SECTORS	25,870	10,899	44,017	24,215	-	119,877	119,096	44,947	389,921	89%
TRANSFORMATION										
ELECTRICITY GEN.	1,166	-	-	-	-	4,599	51,727	-18,915	38,577	9%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1,166	-	-	-	-	4,599	51,727	-18,915	38,577	9%
TOTAL GROSS FLOWS	2E,036	10,899	44,017	24,215	-	124,476	170,823	44,947	428,498	98%
LOSSES & OMISSIONS	-1	-2	-13	3,055	-	1,322	-103	4,574	8,832	2%
TOTAL NET USAGE	2E,034	10,896	44,003	27,270	-	125,798	170,719	30,606	437,330	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	3,174	7,028	34,180	-	44,382	100%
HYDROELECTRIC	-	-	-	-	-	-	-	141	141	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO. &SOLAR	-	-	-	-	-	-	-	40	40	0%
TOTAL SUPPLY	-	-	-	-	3,174	7,028	34,180	181	44,563	
NET IMPORTS OF REGION	28,034	10,896	44,003	27,270	-3,174	118,770	136,539	30,425	392,767	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.10%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	45,700	2,417	-	43,111	-	226,349	6,452	122,172	446,201	24%
INDUSTRIAL	17,100	21,012	-	101,259	-	279,909	246,647	84,464	750,391	40%
TRANSPORTATION	48,717	14	248,314	47,606	-	15,832	-	-	360,483	19%
MISCELLANEOUS USES	1,383	751	-	554	-	7,088	-	1,918	11,694	1%
TOTAL FINAL DEMAND SECTORS	112,900	24,194	248,314	192,530	-	529,178	253,099	208,554	1,568,769	85%
TRANSFORMATION										
ELECTRICITY GEN.	7,485	5,319	-	-	-	16,790	327,750	-117,650	239,694	13%
PETROLEUM PRODUCTS	-40,926	-30,899	-67,449	-60,201	187,435	5,649	-	-	-6,391	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-33,441	-25,580	-67,449	-60,201	187,435	22,439	327,750	-117,650	233,303	13%
TOTAL GROSS FLOWS	120,385	29,513	248,314	192,530	187,435	551,617	580,849	208,554	1,808,463	98%
LOSSES & OMISSIONS	-5	-7	-73	24,296	-17	5,859	-350	21,223	50,925	3%
TOTAL NET USAGE	79,453	-1,393	180,791	156,625	187,417	557,476	580,498	112,127	1,852,997	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	91,388	69,875	168,974	-	330,237	90%
HYDROELECTRIC	-	-	-	-	-	-	-	27	27	0%
NUCLEAR	-	-	-	-	-	-	-	36,475	36,475	10%
GEO.&SOLAR	-	-	-	-	-	-	-	176	176	0%
TOTAL SUPPLY	-	-	-	-	91,388	69,875	168,974	36,678	366,915	
NET IMPORTS OF REGION	79,453	-1,393	180,791	156,625	96,029	487,601	411,524	75,449	1,486,082	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.08%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 69 LIMA OHIO 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	2,996	141	-	2,327	-	14,209	423	7,560	28,156	33%
INDUSTRIAL	876	924	-	7,291	-	12,543	8,630	6,410	36,674	43%
TRANSPORTATION	2,481	-	16,281	270	-	1,038	-	-	20,070	23%
MISCELLANEOUS USES	91	48	-	36	-	421	-	114	710	1%
TOTAL FINAL DEMAND SECTORS	6,444	1,113	16,281	10,424	-	28,211	9,053	14,084	85,610	100%
TRANSFORMATION										
ELECTRICITY GEN.	482	175	-	-	-	1,156	11,327	4,295	8,845	11%
PETROLEUM PRODUCTS	-107,431	-81,111	-177,054	-158,830	492,019	14,829	-	-	-16,778	-20%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-106,949	-80,936	-177,054	-158,830	492,019	15,985	11,327	-4,295	-7,933	-9%
TOTAL GROSS FLOWS	6,926	1,288	16,281	10,424	492,019	44,196	20,380	14,084	94,455	111%
LOSSES & OMISSIONS	-0	-0	-4	1,315	-46	469	-12	1,433	3,154	4%
TOTAL NET USAGE	-100,505	-79,823	-160,777	-146,290	491,972	44,665	20,367	11,222	80,831	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	2	2	14%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO. & SOLAR	-	-	-	-	-	-	-	12	12	86%
TOTAL SUPPLY	-	-	-	-	-	-	-	14	14	
NET IMPORTS OF REGION	-100,505	-79,823	-160,777	-146,290	491,972	44,665	20,367	11,208	80,817	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.31%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EPA ECONOMIC AREA 70 TOLEDO OHIO 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	15,488	662	-	11,600	-	58,434	1,593	31,036	118,813	22%
INDUSTRIAL	5,801	6,945	-	33,796	-	76,415	62,561	23,834	209,353	38%
TRANSPORTATION	12,022	1	67,126	1,323	-	4,205	-	-	84,677	16%
MISCELLANEOUS USES	367	207	-	147	-	1,918	-	431	3,070	1%
TOTAL FINAL DEMAND SECTORS	33,678	7,815	67,126	46,866	-	140,972	64,154	55,301	415,913	76%
TRANSFORMATION										
ELECTRICITY GEN.	2,387	2,615	-	-	-	4,494	210,658	-72,831	147,324	27%
PETROLEUM PRODUCTS	-201,861	-152,407	-332,682	-296,935	924,497	27,864	-	-	-31,524	-5%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-199,474	-149,791	-332,682	-296,935	924,497	32,358	210,658	-72,831	115,800	21%
TOTAL GROSS FLOWS	36,065	10,432	67,126	46,866	924,497	173,330	274,812	55,301	563,237	103%
LOSSES & OMISSIONS	-1	-2	-19	5,914	-86	1,841	-165	5,627	13,106	2%
TOTAL NET USAGE	-165,797	-141,977	-265,575	-244,154	924,410	175,171	274,646	-11,902	544,819	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	68	-	-	-	68	0%
HYDROELECTRIC	-	-	-	-	-	-	-	7	7	0%
NUCLEAR	-	-	-	-	-	-	-	72,230	72,230	100%
GEO.&SOLAR	-	-	-	-	-	-	-	47	47	0%
TOTAL SUPPLY	-	-	-	-	68	-	-	72,284	72,352	
NET IMPORTS OF REGION	-165,797	-141,977	-265,575	-244,154	924,342	175,171	274,646	-84,186	472,467	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.92%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	146,382	5,334	-	59,840	-	298,274	5,230	152,625	667,625	31%
INDUSTRIAL	46,748	19,756	-	81,921	-	269,600	259,916	81,716	729,657	34%
TRANSPORTATION	34,830	19	352,663	56,401	-	20,538	-	-	464,501	21%
MISCELLANEOUS USES	1,794	1,247	-	718	-	13,410	-	1,448	18,617	1%
TOTAL FINAL DEMAND SECTORS	199,804	26,356	352,663	198,880	-	601,762	265,146	235,789	1,880,400	86%
TRANSFORMATION										
ELECTRICITY GEN.	3,654	31,887	-	-	-	18,760	307,655	-120,352	246,604	11%
PETROLEUM PRODUCTS	-61,555	-31,382	-68,503	-61,142	190,365	5,738	-	-	-6,489	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-32,911	505	-68,503	-61,142	190,365	24,498	307,655	-120,352	240,115	11%
TOTAL GROSS FLOWS	208,458	58,243	352,663	198,880	190,365	626,260	572,801	235,789	2,127,004	98%
LOSSES & OMISSIONS	-8	-14	-104	25,097	-17	6,652	-345	23,995	55,253	3%
TOTAL NET USAGE	166,884	25,846	284,055	162,835	190,347	632,912	572,455	139,432	2,175,768	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	13,608	20,789	-	-	34,397	65%
HYDROELECTRIC	-	-	-	-	-	-	-	30	30	0%
NUCLEAR	-	-	-	-	-	-	-	18,529	18,529	35%
GEO.&SOLAR	-	-	-	-	-	-	-	279	279	1%
TOTAL SUPPLY	-	-	-	-	13,608	20,789	-	18,838	53,235	
NET IMPORTS OF REGION	166,884	26,846	284,055	162,835	176,739	612,123	572,455	120,594	2,122,533	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.20%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATUEAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EEA ECONOMIC AREA 72 SAGINAW MICHIGAN 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	21,708	626	-	8,874	-	40,029	776	20,178	92,191	20%
INDUSTRIAL	6,255	9,101	-	48,077	-	87,730	72,578	21,773	245,514	53%
TRANSPORTATION	3,712	6	52,298	444	-	3,046	-	-	59,506	13%
MISCELLANEOUS USES	266	225	-	106	-	3,014	-	326	3,937	1%
TOTAL FINAL DEMAND SECTORS	31,941	9,958	52,298	57,501	-	133,819	73,354	42,277	401,148	87%
TRANSFORMATION										
ELECTRICITY GEN.	1,753	20,999	-	-	-	3,570	60,093	-28,207	58,208	13%
PETROLEUM PRODUCTS	-56,848	-42,921	-93,691	-83,624	260,359	7,848	-	-	-8,877	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-55,095	-21,922	-93,691	-83,624	260,359	11,418	60,093	-28,207	49,331	11%
TOTAL GROSS FLOWS	33,694	30,957	52,298	57,501	260,359	145,237	133,447	42,277	459,356	99%
LOSSES & OMISSIONS	-1	-7	-15	7,256	-24	1,542	-80	4,302	12,971	3%
TOTAL NET USAGE	-23,155	-11,971	-41,408	-18,866	260,334	146,779	133,366	18,372	463,450	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	69,137	16,854	-	-	85,991	81%
HYDROELECTRIC	-	-	-	-	-	-	-	904	904	1%
NUCLEAR	-	-	-	-	-	-	-	19,495	19,495	18%
GEO. & SOLAR	-	-	-	-	-	-	-	37	37	0%
TOTAL SUPPLY	-	-	-	-	69,137	16,854	-	20,436	106,427	
NET IMPORTS OF REGION	-23,155	-11,971	-41,408	-18,866	191,197	129,925	133,366	-2,063	357,023	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.36%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	29,816	1,035	-	12,188	-	59,463	1,065	30,398	133,945	29%
INDUSTRIAL	4,601	5,007	-	17,069	-	57,549	55,027	16,973	156,226	34%
TRANSPORTATION	7,127	2	71,831	2,955	-	4,183	-	-	86,098	19%
MISCELLANEOUS USES	355	245	-	146	-	2,493	-	269	3,518	1%
TOTAL FINAL DEMAND SECTORS	41,909	6,289	71,831	32,358	-	123,688	56,092	47,640	379,787	83%
TRANSFORMATION										
ELECTRICITY GEN.	1,712	425	-	-	-	3,921	97,849	-34,287	69,620	15%
PETROLEUM PRODUCTS	-3,965	-2,993	-6,534	-5,832	18,158	547	-	-	-619	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-2,253	-2,568	-6,534	-5,832	18,158	4,468	97,849	-34,287	69,001	15%
TOTAL GROSS FLOWS	43,621	5,714	71,831	32,358	18,158	128,136	153,941	47,640	449,407	98%
LOSSES & OMISSIONS	-1	-1	-21	4,083	-1	1,351	-92	4,848	10,173	2%
TOTAL NET USAGE	39,654	3,719	65,275	30,609	18,156	129,487	153,848	18,201	458,961	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	59,204	72,422	-	-	131,626	95%
HYDROELECTRIC	-	-	-	-	-	-	-	5,124	5,124	4%
NUCLEAR	-	-	-	-	-	-	-	1,089	1,089	1%
GEO.&SOLAR	-	-	-	-	-	-	-	39	39	0%
TOTAL SUPPLY	-	-	-	-	59,204	72,422	-	6,252	137,878	
NET IMPORTS OF REGION	39,654	3,719	65,275	30,609	-41,047	57,075	153,848	11,949	321,083	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.00%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	29,813	1,015	-	12,187	-	58,921	1,065	29,993	132,994	29%
INDUSTRIAL	5,055	6,197	-	19,691	-	70,025	59,310	19,864	180,142	40%
TRANSPORTATION	5,664	2	71,826	696	-	4,183	-	-	82,371	18%
MISCELLANEOUS USES	365	333	-	146	-	4,735	-	511	6,090	1%
TOTAL FINAL DEMAND SECTORS	40,897	7,547	71,826	32,720	-	137,864	60,375	50,368	401,597	88%
TRANSFORMATION										
ELECTRICITY GEN.	1,696	2,002	-	-	-	4,035	56,889	-21,206	43,416	10%
PETROLEUM PRODUCTS	-4,604	-3,475	-7,588	-6,773	21,086	636	-	-	-719	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-2,908	-1,474	-7,588	-6,773	21,086	4,671	56,889	-21,206	42,697	9%
TOTAL GROSS FLOWS	42,593	9,549	71,826	32,720	21,086	142,535	117,264	50,368	445,013	98%
LOSSES & OMISSIONS	-1	-2	-21	4,129	-1	1,514	-70	5,125	10,670	2%
TOTAL NET USAGE	37,987	6,070	64,216	30,076	21,084	144,049	117,193	34,287	454,964	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	60,299	46,507	-	-	106,806	91%
HYDROELECTRIC	-	-	-	-	-	-	-	67	67	0%
NUCLEAR	-	-	-	-	-	-	-	10,522	10,522	9%
GEO.&SOLAR	-	-	-	-	-	-	-	42	42	0%
TOTAL SUPPLY	-	-	-	-	60,299	46,507	-	10,631	117,437	
NET IMPORTS OF REGION	37,987	6,070	64,216	30,076	-39,214	97,542	117,193	23,656	337,527	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.18%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	16,158	3,515	-	7,083	-	26,821	1,331	19,304	74,212	24%
INDUSTRIAL	6,252	5,761	-	10,482	-	48,720	34,616	12,987	118,818	38%
TRANSPORTATION	10,151	1	42,589	30,407	-	2,452	-	-	85,600	28%
MISCELLANEOUS USES	214	364	-	86	-	949	-	70	1,683	1%
TOTAL FINAL DEMAND SECTORS	32,775	9,641	42,589	48,058	-	78,942	35,947	32,361	280,313	90%
TRANSFORMATION										
ELECTRICITY GEN.	1,370	375	-	-	-	2,598	24,202	-9,311	19,234	6%
PETROLEUM PRODUCTS	-15,396	-11,624	-25,372	-22,646	70,508	2,125	-	-	-2,405	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-14,026	-11,249	-25,372	-22,646	70,508	4,723	24,202	-9,311	16,829	5%
TOTAL GROSS FLOWS	34,145	10,016	42,589	48,058	70,508	83,665	60,149	32,361	299,547	97%
LOSSES & OMISSIONS	-1	-2	-12	6,064	-6	888	-36	3,293	10,187	3%
TOTAL NET USAGE	18,747	-1,610	17,204	31,476	70,501	84,553	60,112	26,343	307,329	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	7	-	-	-	7	15%
HYDROELECTRIC	-	-	-	-	-	-	-	11	11	24%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	28	28	61%
TOTAL SUPPLY	-	-	-	-	7	-	-	39	46	
NET IMPORTS OF REGION	18,747	-1,610	17,204	31,476	70,494	84,553	60,112	26,304	307,283	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =57.38%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 76 SOUTH BEND INDIANA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	19,982	3,259	-	8,092	-	31,776	1,282	21,114	85,505	28%
INDUSTRIAL	5,427	5,344	-	17,286	-	49,160	32,855	13,890	123,962	41%
TRANSPORTATION	8,948	-	48,552	698	-	2,774	-	-	60,972	20%
MISCELLANEOUS USES	242	317	-	97	-	1,095	-	77	1,828	1%
TOTAL FINAL DEMAND SECTORS	34,599	8,920	48,552	26,173	-	84,805	34,137	35,081	272,267	90%
TRANSFORMATION										
ELECTRICITY GEN.	1,186	2,941	-	-	-	2,807	26,144	-10,784	22,294	7%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1,186	2,941	-	-	-	2,807	26,144	-10,784	22,294	7%
TOTAL GROSS FLOWS	35,785	11,861	48,552	26,173	-	87,612	60,281	35,061	294,561	97%
LOSSES & OMISSIONS	-1	-2	-14	3,302	-	930	-36	3,570	7,748	3%
TOTAL NET USAGE	35,783	11,858	48,537	29,475	-	88,542	60,244	27,867	302,309	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	305	305	1%
NUCLEAR	-	-	-	-	-	-	-	32,211	32,211	99%
GEO.&SOLAR	-	-	-	-	-	-	-	29	29	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	32,545	32,545	
NET IMPORTS OF REGION	35,783	11,858	48,537	29,475	-	88,542	60,244	-4,677	269,764	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.40%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	154,169	57,241	-	89,680	-	439,310	14,599	253,621	1,008,620	29%
INDUSTRIAL	68,185	97,160	-	284,312	-	466,424	279,847	109,942	1,305,824	37%
TRANSPORTATION	97,814	21	474,872	155,042	-	31,910	-	-	759,659	22%
MISCELLANEOUS USES	2,787	5,950	-	1,116	-	15,500	-	6,082	31,435	1%
TOTAL FINAL DEMAND SECTORS	322,955	160,372	474,872	530,150	-	953,144	294,446	369,645	3,105,538	88%
TRANSFORMATION										
ELECTRICITY GEN.	15,152	39,370	-	-	-	34,266	507,805	-195,629	400,964	11%
PETROLEUM PRODUCTS	-616,777	-465,670	-1,016,493	-907,272	2,824,758	85,138	-	-	-96,316	-2%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-601,625	-426,300	-1,016,493	-907,272	2,824,758	119,404	507,805	-195,629	304,648	9%
TOTAL GROSS FLOWS	338,067	199,742	474,872	530,150	2,824,758	1,072,548	802,245	369,645	3,506,502	99%
LOSSES & OMISSIONS	-14	-49	-141	66,901	-264	11,392	-484	37,617	114,958	3%
TOTAL NET USAGE	-278,724	-265,977	-541,762	-310,220	2,824,493	1,083,940	801,760	211,633	3,525,144	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	8,078	-	8,078	6%
HYDROELECTRIC	-	-	-	-	-	-	-	234	234	0%
NUCLEAR	-	-	-	-	-	-	-	134,090	134,090	94%
GEO.&SOLAR	-	-	-	-	-	-	-	298	298	0%
TOTAL SUPPLY	-	-	-	-	-	-	8,078	134,622	142,700	
NET IMPORTS OF REGION	-278,724	-265,977	-541,762	-310,220	2,824,493	1,083,940	793,682	77,011	3,382,444	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.21%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	11,057	3,668	-	6,788	-	31,839	1,080	17,376	71,808	20%
INDUSTRIAL	4,526	3,956	-	12,698	-	30,015	21,233	10,051	82,479	23%
TRANSPORTATION	4,986	1	35,333	3,505	-	2,426	-	-	46,251	13%
MISCELLANEOUS USES	212	445	-	85	-	1,167	-	499	2,408	1%
TOTAL FINAL DEMAND SECTORS	20,781	8,070	35,333	23,076	-	65,447	22,313	27,926	202,946	56%
TRANSFORMATION										
ELECTRICITY GEN.	943	-	-	-	-	2,206	159,555	-53,935	108,769	30%
PETROLEUM PRODUCTS	-627	-473	-1,032	-921	2,869	86	-	-	-98	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	65,190	-21,790	43,400	12%
NET FUEL USED IN TRANSFORMATION	316	-473	-1,032	-921	2,869	2,292	224,745	-75,725	152,071	42%
TOTAL GROSS FLOWS	21,724	8,070	35,333	23,076	2,869	67,739	247,058	27,926	355,115	98%
LOSSES & OMISSIONS	-0	-2	-10	2,912	-0	719	-149	2,841	6,310	2%
TOTAL NET USAGE	21,096	7,594	34,290	25,067	2,868	68,458	246,908	-44,957	361,327	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	227	-	162,582	-	162,809	100%
HYDROELECTRIC	-	-	-	-	-	-	-	4	4	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	23	23	0%
TOTAL SUPPLY	-	-	-	-	227	-	162,582	27	162,836	
NET IMPORTS OF REGION	21,096	7,594	34,290	25,067	2,641	68,458	84,326	-44,984	198,491	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.85%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.32%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS =66.57%

EEA ECONOMIC AREA 79 DAVENPORT-ROCK ISLAND-MOLINE IOWA-ILLINOIS 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	10,095	1,873	-	8,410	-	27,263	570	15,598	63,809	24%
INDUSTRIAL	4,462	4,318	-	12,986	-	45,470	24,615	12,711	114,562	43%
TRANSPORTATION	6,128	[illegible]	36,634	1,797	-	2,338	-	-	46,898	18%
MISCELLANEOUS USES	162	323	-	65	-	1,290	-	392	2,232	1%
TOTAL FINAL DEMAND SECTORS	20,847	6,515	36,634	23,258	-	76,361	35,185	28,701	227,501	85%
TRANSFORMATION										
ELECTRICITY GEN.	1,493	1,504	-	-	-	1,456	46,192	-17,023	33,622	13%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1,493	1,504	-	-	-	1,456	46,192	-17,023	33,622	13%
TOTAL GROSS FLOWS	22,340	8,019	36,634	23,258	-	77,817	81,377	28,701	261,123	98%
LOSSES & OMISSIONS	-0	-2	-10	2,935	-	826	-49	2,920	6,619	2%
TOTAL NET USAGE	22,339	8,015	36,623	26,193	-	78,643	81,327	14,598	267,742	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	251	-	261	1%
HYDROELECTRIC	-	-	-	-	-	-	-	152	152	0%
NUCLEAR	-	-	-	-	-	-	-	41,384	41,384	99%
GEO. &SOLAR	-	-	-	-	-	-	-	42	42	0%
TOTAL SUPPLY	-	-	-	-	-	-	261	41,578	41,839	
NET IMPORTS OF REGION	22,339	8,016	36,623	26,193	-	78,643	81,066	-26,979	225,903	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.39%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 80 CEDAR RAPIDS IOWA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	6,102	112	-	6,917	-	16,031	-	9,931	39,093	31%
INDUSTRIAL	1,831	1,426	-	2,844	-	15,351	8,382	5,917	35,751	28%
TRANSPORTATION	5,524	-	25,769	463	-	1,515	-	-	33,271	26%
MISCELLANEOUS USES	72	44	-	29	-	1,033	-	93	1,271	1%
TOTAL FINAL DEMAND SECTORS	13,529	1,582	25,769	10,253	-	33,930	8,382	15,941	109,386	86%
TRANSFORMATION										
ELECTRICITY GEN.	510	75	-	-	-	319	22,181	-7,851	15,234	12%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	510	75	-	-	-	319	22,181	-7,851	15,234	12%
TOTAL GROSS FLOWS	14,039	1,657	25,769	10,253	-	34,249	30,563	15,941	124,620	97%
LOSSES & OMISSIONS	-0	-0	-7	1,293	-	363	-18	1,622	3,252	3%
TOTAL NET USAGE	14,038	1,656	25,761	11,546	-	34,612	30,544	9,712	127,872	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	101	101	1%
NUCLEAR	-	-	-	-	-	-	-	7,809	7,809	98%
GEO.&SOLAR	-	-	-	-	-	-	-	31	31	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	7,941	7,941	
NET IMPORTS OF REGION	14,038	1,656	25,761	11,546	-	34,612	30,544	1,771	119,931	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.99%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	6,338	225	-	4,886	-	11,908	216	7,839	31,392	30%
INDUSTRIAL	1,711	990	-	2,123	-	10,845	5,838	6,409	27,916	27%
TRANSPORTATION	3,705	-	19,976	346	-	1,201	-	-	25,228	24%
MISCELLANEOUS USES	72	55	-	29	-	493	-	63	712	1%
TOTAL FINAL DEMAND SECTORS	11,806	1,270	19,976	7,384	-	24,447	6,054	14,311	85,248	82%
TRANSFORMATION										
ELECTRICITY GEN.	459	215	-	-	-	621	23,414	-8,276	16,433	16%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	459	215	-	-	-	621	23,414	-8,276	16,433	16%
TOTAL GROSS FLOWS	12,255	1,485	19,976	7,384	-	25,068	29,468	14,311	101,681	97%
LOSSES & OMISSIONS	-0	-0	-5	931	-	266	-17	1,456	2,629	3%
TOTAL NET USAGE	12,254	1,484	19,970	8,315	-	25,334	29,450	7,491	104,310	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	91	91	80%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	23	23	20%
TOTAL SUPPLY	-	-	-	-	-	-	-	114	114	
NET IMPORTS OF REGION	12,264	1,484	19,970	8,315	-	25,334	29,450	7,377	104,196	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.51%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	12,275	2,319	-	6,026	-	24,505	1,043	14,870	61,038	32%
INDUSTRIAL	3,475	2,848	-	8,582	-	24,876	12,345	8,431	60,553	32%
TRANSPORTATION	4,379	9	31,672	528	-	2,111	-	-	38,691	20%
MISCELLANEOUS USES	185	305	-	73	-	884	-	325	1,772	1%
TOTAL FINAL DEMAND SECTORS	20,314	5,469	31,672	15,209	-	52,376	13,388	23,626	162,054	86%
TRANSFORMATION										
ELECTRICITY GEN.	3,082	813	-	-	-	1,861	27,068	-10,667	22,157	12%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	3,082	813	-	-	-	1,861	27,068	-10,667	22,157	12%
TOTAL GROSS FLOWS	23,396	6,282	31,672	15,209	-	54,237	40,456	23,626	184,211	97%
LOSSES & OMISSIONS	-0	-1	-9	1,919	-	576	-24	2,404	4,863	3%
TOTAL NET USAGE	23,395	6,280	31,662	17,128	-	54,813	40,431	15,363	189,074	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	97	97	0%
NUCLEAR	-	-	-	-	-	-	-	61,969	61,969	100%
GEO. & SOLAR	-	-	-	-	-	-	-	20	20	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	62,086	62,086	
NET IMPORTS OF REGION	23,395	6,280	31,662	17,128	-	54,813	40,431	-46,722	126,988	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.50%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 83 MADISON WISCONSIN 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	17,499	574	-	5,900	-	17,955	1,209	15,450	58,588	35%
INDUSTRIAL	2,205	1,661	-	9,038	-	17,496	7,262	5,454	43,116	26%
TRANSPORTATION	3,630	1	31,689	5,874	-	1,972	-	-	42,466	25%
MISCELLANEOUS USES	172	191	-	69	-	1,593	-	221	2,251	1%
TOTAL FINAL DEMAND SECTORS	23,506	2,427	31,689	20,181	-	39,022	8,471	21,125	146,421	88%
TRANSFORMATION										
ELECTRICITY GEN.	777	225	-	-	-	1,862	19,796	-7,417	15,243	9%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	777	225	-	-	-	1,862	19,796	-7,417	15,243	9%
TOTAL GROSS FLOWS	24,283	2,652	31,689	20,181	-	40,884	28,267	21,125	161,664	97%
LOSSES & OMISSIONS	-1	-0	-9	2,546	-	434	-17	2,149	5,102	3%
TOTAL NET USAGE	24,281	2,651	31,679	22,727	-	41,318	28,249	15,857	166,766	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	505	505	97%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	17	17	3%
TOTAL SUPPLY	-	-	-	-	-	-	-	522	522	
NET IMPORTS OF REGION	24,281	2,651	31,679	22,727	-	41,318	28,249	15,335	166,244	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.27%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EEA ECONOMIC AREA 84 MILWAUKEE WISCONSIN 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	66,686	2,051	-	22,483	-	66,649	4,606	57,030	219,505	29%
INDUSTRIAL	8,026	7,831	-	31,113	-	86,524	59,677	24,325	217,496	29%
TRANSPORTATION	21,380	6	120,761	19,000	-	7,514	-	-	168,661	22%
MISCELLANEOUS USES	656	459	-	263	-	2,561	-	354	4,293	1%
TOTAL FINAL DEMAND SECTORS	96,748	10,347	120,761	72,859	-	163,248	64,283	81,709	609,955	80%
TRANSFORMATION										
ELECTRICITY GEN.	4,011	-	-	-	-	6,366	183,018	-63,817	129,578	17%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	4,011	-	-	-	-	6,366	183,018	-63,817	129,578	17%
TOTAL GROSS FLOWS	100,759	10,347	120,761	72,859	-	169,614	247,301	81,709	739,533	97%
LOSSES & OMISSIONS	-4	-2	-35	9,194	-	1,801	-149	8,315	19,119	3%
TOTAL NET USAGE	100,754	10,344	120,725	82,053	-	171,415	247,151	26,207	758,652	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	10	10	13%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO. & SOLAR	-	-	-	-	-	-	-	66	66	87%
TOTAL SUPPLY	-	-	-	-	-	-	-	76	76	
NET IMPORTS OF REGION	100,754	10,344	120,725	82,053	-	171,415	247,151	26,131	758,576	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.00%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	28,795	768	-	10,129	-	32,425	1,793	23,739	97,649	22%
INDUSTRIAL	5,805	9,181	-	6,869	-	72,494	90,122	28,063	212,534	48%
TRANSPORTATION	7,828	2	55,662	983	-	3,407	-	-	67,882	15%
MISCELLANEOUS USES	297	226	-	119	-	1,825	-	225	2,692	1%
TOTAL FINAL DEMAND SECTORS	42,725	10,177	55,662	18,100	-	110,151	91,915	52,027	380,757	86%
TRANSFORMATION										
ELECTRICITY GEN.	2,727	813	-	-	-	4,435	71,646	-26,139	53,482	12%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	2,727	813	-	-	-	4,435	71,646	-26,139	53,482	12%
TOTAL GROSS FLOWS	45,452	10,990	55,662	18,100	-	114,586	163,561	52,027	434,239	98%
LOSSES & OMISSIONS	-1	-2	-16	2,284	-	1,217	-98	5,294	8,675	2%
TOTAL NET USAGE	45,450	10,987	55,645	20,384	-	115,803	163,462	31,182	442,914	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	1,293	1,293	5%
NUCLEAR	-	-	-	-	-	-	-	23,223	23,223	95%
GEO.&SOLAR	-	-	-	-	-	-	-	47	47	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	24,563	24,563	
NET IMPORTS OF REGION	45,450	10,987	55,645	20,384	-	115,803	163,462	6,619	418,351	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.17%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 86 WAUSAU WISCONSIN 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	11,379	327	-	3,836	-	11,076	786	9,437	36,841	21%
INDUSTRIAL	1,590	3,232	-	1,826	-	24,423	32,734	9,463	73,268	43%
TRANSPORTATION	2,965	1	20,606	375	-	1,282	-	-	25,229	15%
MISCELLANEOUS USES	112	77	-	45	-	417	-	58	709	0%
TOTAL FINAL DEMAND SECTORS	16,046	3,637	20,606	6,082	-	37,198	33,520	18,958	136,047	79%
TRANSFORMATION										
ELECTRICITY GEN.	852	-	-	-	-	1,590	46,390	-16,123	32,709	19%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	852	-	-	-	-	1,590	46,390	-16,123	32,709	19%
TOTAL GROSS FLOWS	16,898	3,637	20,606	6,082	-	38,788	79,910	18,958	168,756	98%
LOSSES & OMISSIONS	-0	-0	-6	767	-	412	-48	1,929	3,052	2%
TOTAL NET USAGE	16,897	3,636	20,599	6,849	-	39,200	79,861	4,764	171,808	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	385	385	96%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	17	17	4%
TOTAL SUPPLY	-	-	-	-	-	-	-	402	402	
NET IMPORTS OF REGION	16,897	3,636	20,599	6,849	-	39,200	79,861	4,362	171,406	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.98%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	12,764	443	-	6,920	-	12,587	185	9,363	42,262	23%
INDUSTRIAL	5,972	6,931	-	8,257	-	29,839	10,277	9,472	70,758	39%
TRANSPORTATION	2,777	-	25,984	339	-	1,620	-	-	30,720	17%
MISCELLANEOUS USES	92	112	-	36	-	773	-	135	1,148	1%
TOTAL FINAL DEMAND SECTORS	21,605	7,486	25,984	15,562	-	44,819	10,462	18,970	144,888	79%
TRANSFORMATION										
ELECTRICITY GEN.	430	892	-	-	-	636	54,582	-19,216	37,324	20%
PETROLEUM PRODUCTS	-13,494	-25,756	-36,798	-32,899	102,371	3,085	-	-	-3,491	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-13,064	-24,864	-36,798	-32,899	102,371	3,721	54,582	-19,216	33,833	19%
TOTAL GROSS FLOWS	22,035	8,378	25,984	15,562	102,371	48,540	65,044	18,970	182,212	100%
LOSSES & OMISSIONS	-0	-2	-7	1,963	-9	515	-39	1,930	4,350	2%
TOTAL NET USAGE	8,540	-17,380	-10,821	-15,373	102,361	49,055	65,004	1,684	183,071	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	2,230	2,230	95%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO. &SOLAR	-	-	-	-	-	-	-	35	35	2%
TOTAL SUPPLY	-	-	-	-	-	-	-	2,265	2,265	
NET IMPORTS OF REGION	8,540	-17,380	-10,821	-15,373	102,361	49,055	65,004	-580	180,806	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.01%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 88 EAU CLAIRE WISCONSIN 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	7,325	199	-	2,470	-	6,972	506	5,935	23,407	36%
INDUSTRIAL	761	818	-	1,209	-	7,570	4,640	2,188	17,186	26%
TRANSPORTATION	1,686	1	13,266	205	-	825	-	-	15,983	25%
MISCELLANEOUS USES	72	57	-	29	-	367	-	51	576	1%
TOTAL FINAL DEMAND SECTORS	9,844	1,075	13,266	3,913	-	15,734	5,146	8,174	57,152	88%
TRANSFORMATION										
ELECTRICITY GEN.	2,955	-	-	-	-	619	5,757	-2,924	6,407	10%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	2,955	-	-	-	-	619	5,757	-2,924	6,407	10%
TOTAL GROSS FLOWS	12,799	1,075	13,266	3,913	-	16,353	10,903	8,174	63,559	98%
LOSSES & OMISSIONS	-0	-0	-3	493	-	173	-6	831	1,488	2%
TOTAL NET USAGE	12,798	1,074	13,262	4,406	-	16,526	10,896	6,081	65,047	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	1,374	1,374	7%
NUCLEAR	-	-	-	-	-	-	-	17,639	17,639	93%
GEO.&SOLAR	-	-	-	-	-	-	-	6	6	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	19,019	19,019	
NET IMPORTS OF REGION	12,798	1,074	13,262	4,406	-	16,526	10,896	-12,937	46,028	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.66%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	8,57[illegible]	281	-	3,437	-	8,46[illegible]	449	7,089	28,299	29%
INDUSTRIAL	1,306	919	-	2,461	-	6,712	2,298	3,285	16,981	17%
TRANSPORTATION	2,443	1	16,047	321	-	1,001	-	-	19,813	20%
MISCELLANEOUS USES	7[illegible]	67	-	31	-	41[illegible]	-	65	658	1%
TOTAL FINAL DEMAND SECTORS	12,40[illegible]	1,268	16,047	6,250	-	16,60[illegible]	2,747	10,439	65,751	68%
TRANSFORMATION										
ELECTRICITY GEN.	1,41[illegible]	150	-	-	-	71[illegible]	41,794	-14,557	29,511	30%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1,41[illegible]	150	-	-	-	71[illegible]	41,794	-14,557	29,511	30%
TOTAL GROSS FLOWS	13,81[illegible]	1,418	16,047	6,250	-	17,31[illegible]	44,541	10,439	95,262	98%

LOSSES & OMISSIONS	-0	-0	-4	788	-	183	-26	1,062	2,002	2%
TOTAL NET USAGE	13,813	1,417	16,042	7,038	-	17,493	44,514	-3,055	97,264	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	165	165	16%
NUCLEAR	-	-	-	-	-	-	-	736	736	81%
GEO.&SOLAR	-	-	-	-	-	-	-	10	10	1%
TOTAL SUPPLY	-	-	-	-	-	-	-	911	911	
NET IMPORTS OF REGION	13,813	1,417	16,042	7,038	-	17,493	44,514	-3,966	96,353	

NOTES:

1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.97%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CAREONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	8,788	398	-	5,230	-	8,760	-	6,515	29,741	34%
INDUSTRIAL	2,248	1,698	-	2,225	-	9,659	3,433	4,127	23,390	27%
TRANSPORTATION	1,889	-	18,120	237	-	1,136	-	-	21,442	25%
MISCELLANEOUS USES	54	57	-	21	-	309	-	61	502	1%
TOTAL FINAL DEMAND SECTORS	12,979	2,153	18,120	7,823	-	19,864	3,433	10,703	75,075	87%
TRANSFORMATION										
ELECTRICITY GEN.	361	40	-	-	-	215	13,523	-4,807	9,332	11%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	361	40	-	-	-	215	13,523	-4,807	9,332	11%
TOTAL GROSS FLOWS	13,340	2,193	18,120	7,823	-	20,079	16,956	10,703	84,407	97%
LOSSES & OMISSIONS	-0	-0	-5	987	-	213	-10	1,089	2,272	3%
TOTAL NET USAGE	13,339	2,192	18,114	8,810	-	20,292	16,945	6,985	86,679	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	141	141	87%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	21	21	13%
TOTAL SUPPLY	-	-	-	-	-	-	-	162	162	
NET IMPORTS OF REGION	13,339	2,192	18,114	8,810	-	20,292	16,945	6,823	86,517	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.00%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	110,579	5,400	-	65,482	-	113,962	249	87,879	383,551	30%
INDUSTRIAL	22,142	31,380	-	56,187	-	133,518	28,930	44,267	316,424	25%
TRANSPORTATION	37,429	3	227,100	81,104	-	14,232	-	-	359,868	28%
MISCELLANEOUS USES	691	818	-	275	-	4,775	-	935	7,494	1%
TOTAL FINAL DEMAND SECTORS	170,841	37,601	227,100	203,048	-	266,487	29,179	133,081	1,067,337	84%
TRANSFORMATION										
ELECTRICITY GEN.	5,778	188	-	-	-	3,478	249,831	-88,161	171,114	13%
PETROLEUM PRODUCTS	-37,858	-72,257	-103,237	-92,301	287,206	8,657	-	-	-9,790	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-32,080	-72,069	-103,237	-92,301	287,206	12,135	249,831	-88,161	161,324	13%
TOTAL GROSS FLOWS	176,619	37,789	227,100	203,048	287,206	278,622	279,010	133,081	1,238,451	97%
LOSSES & OMISSIONS	-7	-9	-67	25,623	-26	2,959	-168	13,543	41,846	3%
TOTAL NET USAGE	138,753	-34,477	123,795	136,370	287,179	281,581	278,841	58,463	1,270,507	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	2,398	2,398	9%
NUCLEAR	-	-	-	-	-	-	-	24,615	24,615	90%
GEO. &SOLAR	-	-	-	-	-	-	-	291	291	1%
TOTAL SUPPLY	-	-	-	-	-	-	-	27,304	27,304	
NET IMPORTS OF REGION	138,753	-34,477	123,795	136,370	287,179	281,581	278,841	31,159	1,243,203	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.00%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	6,252	316	-	3,883	-	4,931	-	4,677	20,059	35%
INDUSTRIAL	1,718	687	-	1,527	-	1,988	2,217	3,594	11,731	20%
TRANSPORTATION	2,150	-	15,230	181	-	836	-	-	18,397	32%
MISCELLANEOUS USES	40	124	-	16	-	678	-	142	1,000	2%
TOTAL FINAL DEMAND SECTORS	10,160	1,127	15,230	5,607	-	8,433	2,217	8,413	51,187	88%
TRANSFORMATION										
ELECTRICITY GEN.	249	-	-	-	-	172	7,452	-2,674	5,199	9%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	249	-	-	-	-	172	7,452	-2,674	5,199	9%
TOTAL GROSS FLOWS	10,409	1,127	15,230	5,607	-	8,605	9,669	8,413	56,386	97%
LOSSES & OMISSIONS	-0	-0	-4	707	-	91	-5	856	1,644	3%
TOTAL NET USAGE	10,408	1,126	15,225	6,314	-	8,696	9,663	6,595	58,030	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	90	90	85%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO. &SOLAR	-	-	-	-	-	-	-	16	16	15%
TOTAL SUPPLY	-	-	-	-	-	-	-	106	106	
NET IMPORTS OF REGION	10,408	1,126	15,225	6,314	-	8,696	9,663	6,489	57,924	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.04%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	4,393	296	-	2,946	-	3,951	4	4,051	15,641	22%
INDUSTRIAL	1,352	366	-	806	-	3,133	919	3,035	9,611	13%
TRANSPORTATION	3,433	-	12,751	148	-	652	-	-	16,984	23%
MISCELLANEOUS USES	28	106	-	12	-	630	-	124	900	1%
TOTAL FINAL DEMAND SECTORS	9,206	768	12,751	3,912	-	8,366	923	7,210	43,136	60%
TRANSFORMATION										
ELECTRICITY GEN.	48	25	-	-	-	519	42,591	-14,714	28,469	39%
PETROLEUM PRODUCTS	-2,360	-2,176	-5,682	-3,675	13,055	394	-	-	-444	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-2,312	-2,151	-5,682	-3,675	13,055	913	42,591	-14,714	28,025	39%
TOTAL GROSS FLOWS	9,254	793	12,751	3,912	13,055	9,279	43,514	7,210	71,605	99%
LOSSES & OMISSIONS	-0	-0	-3	493	-1	98	-26	733	1,294	2%
TOTAL NET USAGE	6,893	-1,383	7,065	730	13,053	9,377	43,487	-6,770	72,455	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	167,812	28,997	193,737	-	390,546	100%
HYDROELECTRIC	-	-	-	-	-	-	-	42	42	0%
NUCLEAR	-	-	-	-	-	-	-	43	43	0%
GEO.&SOLAR	-	-	-	-	-	-	-	14	14	0%
TOTAL SUPPLY	-	-	-	-	167,812	28,997	193,737	99	390,645	
NET IMPORTS OF REGION	6,893	-1,383	7,065	730	-154,758	-19,619	-150,249	-6,869	-318,189	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.93%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.30%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN '0**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	3,177	220	-	3,462	-	9,857	34	7,009	23,759	21%
INDUSTRIAL	2,760	469	-	795	-	12,188	2,884	19,873	38,969	35%
TRANSPORTATION	9,241	1	16,107	304	-	912	-	-	26,565	24%
MISCELLANEOUS USES	23	67	-	9	-	1,324	-	152	1,575	1%
TOTAL FINAL DEMAND SECTORS	15,201	757	16,107	4,570	-	24,281	2,918	27,034	90,868	82%
TRANSFORMATION										
ELECTRICITY GEN.	-	-	-	-	-	25,768	-	-8,049	17,715	16%
PETROLEUM PRODUCTS	-9,140	-2,745	-20,165	-9,158	38,721	1,167	-	-	-1,320	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-9,140	-2,745	-20,165	-9,158	38,721	26,931	-	-8,049	16,395	15%
TOTAL GROSS FLOWS	15,201	757	16,107	4,570	38,721	51,212	2,918	27,034	108,583	98%
LOSSES & OMISSIONS	-0	-0	-4	576	-3	543	-1	2,751	3,860	3%
TOTAL NET USAGE	6,060	-1,988	-4,062	-4,011	38,717	51,755	2,916	21,736	111,123	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	53,582	82,860	-	-	136,442	95%
HYDROELECTRIC	-	-	-	-	-	-	-	3,127	3,127	2%
NUCLEAR	-	-	-	-	-	-	-	3,235	3,235	2%
GEO.&SOLAR	-	-	-	-	-	-	-	97	97	0%
TOTAL SUPPLY	-	-	-	-	53,582	82,860	-	6,459	142,901	
NET IMPORTS OF REGION	6,060	-1,988	-4,062	-4,011	-14,864	-31,104	2,916	15,277	-31,777	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.76%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 95 BILLINGS MONTANA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	3,852	376	-	4,162	-	12,524	37	9,153	30,104	13%
INDUSTRIAL	5,195	2,286	-	15,331	-	47,686	751	17,318	88,567	38%
TRANSPORTATION	21,836	3	20,357	15,111	-	1,095	-	-	58,402	25%
MISCELLANEOUS USES	28	59	-	11	-	846	-	92	1,036	0%
TOTAL FINAL DEMAND SECTORS	30,911	2,724	20,357	34,615	-	62,151	788	26,563	178,109	76%
TRANSFORMATION										
ELECTRICITY GEN.	-	-	-	-	-	23,454	64,833	-27,786	60,501	26%
PETROLEUM PRODUCTS	-86,784	-26,066	-191,469	-86,957	367,658	11,081	-	-	-12,537	-4%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-86,784	-26,066	-191,469	-86,957	367,658	34,535	64,833	-27,786	47,964	20%
TOTAL GROSS FLOWS	30,911	2,724	20,357	34,615	367,658	96,686	65,621	26,563	238,610	102%
LOSSES & OMISSIONS	-1	-0	-6	4,368	-34	1,027	-39	2,703	8,016	3%
TOTAL NET USAGE	-55,874	-23,342	-171,118	-47,973	367,623	97,713	65,581	1,480	234,089	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	478,435	108,273	1,601,386	-	2,188,094	100%
HYDROELECTRIC	-	-	-	-	-	-	-	4,774	4,774	0%
NUCLEAR	-	-	-	-	-	-	-	2,942	2,942	0%
GEO.&SOLAR	-	-	-	-	-	-	-	89	89	0%
TOTAL SUPPLY	-	-	-	-	478,435	108,273	1,601,386	7,805	2,195,899	
NET IMPORTS OF REGION	-55,874	-23,342	-171,118	-47,973	-110,811	-10,559	-1,535,804	-6,324	-1,961,809	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.53%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	4,025	348	-	2,571	-	3,409	-	3,757	14,110	15%
INDUSTRIAL	1,583	3,017	-	7,423	-	3,786	1,074	2,886	19,769	21%
TRANSPORTATION	2,809	-	11,020	118	-	555	-	-	14,502	15%
MISCELLANEOUS USES	26	57	-	10	-	276	-	59	428	0%
TOTAL FINAL DEMAND SECTORS	8,443	3,422	11,020	10,122	-	8,026	1,074	6,702	48,809	52%
TRANSFORMATION										
ELECTRICITY GEN.	27	355	-	-	-	145	69,510	-24,095	46,442	49%
PETROLEUM PRODUCTS	-10,576	-20,186	-28,840	-25,784	80,233	2,418	-	-	-2,735	-2%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-10,549	-19,331	-28,840	-25,784	80,233	2,563	69,510	-24,095	43,707	46%
TOTAL GROSS FLOWS	8,470	4,277	11,020	10,122	80,233	10,589	70,584	6,702	95,251	101%
LOSSES & OMISSIONS	-0	-1	-3	1,277	-7	112	-42	682	2,017	2%
TOTAL NET USAGE	-2,106	-15,910	-17,823	-14,384	80,225	10,701	70,541	-16,710	94,533	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	49,077	27,762	1,022,942	-	1,099,781	99%
HYDROELECTRIC	-	-	-	-	-	-	-	8,986	8,986	1%
NUCLEAR	-	-	-	-	-	-	-	1	1	0%
GEO.&SOLAR	-	-	-	-	-	-	-	13	13	0%
TOTAL SUPPLY	-	-	-	-	49,077	27,762	1,022,942	9,000	1,108,781	
NET IMPORTS OF REGION	-2,106	-15,910	-17,823	-14,384	31,148	-17,060	-952,400	-25,710	-1,014,247	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.84%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 97 FARGO-MOORHEAD NORTH DAKOTA-MINNESOTA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	9,882	691	-	6,133	-	8,984	-	8,477	34,167	38%
INDUSTRIAL	1,737	997	-	1,312	-	1,682	1,631	3,667	11,026	12%
TRANSPORTATION	6,468	-	24,003	503	-	1,321	-	-	32,295	36%
MISCELLANEOUS USES	62	122	-	25	-	643	-	134	986	1%
TOTAL FINAL DEMAND SECTORS	18,149	1,810	24,003	7,973	-	12,630	1,631	12,278	78,474	87%
TRANSFORMATION										
ELECTRICITY GEN.	420	33	-	-	-	235	13,306	-4,754	9,245	10%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	420	33	-	-	-	235	13,306	-4,754	9,245	10%
TOTAL GROSS FLOWS	18,569	1,843	24,003	7,973	-	12,865	14,937	12,278	87,719	97%
LOSSES & OMISSIONS	-0	-0	-7	1,006	-	136	-9	1,249	2,374	3%
TOTAL NET USAGE	18,568	1,847	23,995	8,979	-	13,001	14,927	8,773	90,093	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	183	183	89%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	23	23	11%
TOTAL SUPPLY	-	-	-	-	-	-	-	206	206	
NET IMPORTS OF REGION	18,568	1,847	23,995	8,979	-	13,001	14,927	8,567	89,887	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.04%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	3,494	5	-	2,215	-	3,023	-	4,583	13,320	33%
INDUSTRIAL	106	106	-	162	-	236	27	162	799	2%
TRANSPORTATION	1,285	-	9,683	132	-	477	-	-	11,577	29%
MISCELLANEOUS USES	23	10	-	9	-	198	-	41	281	1%
TOTAL FINAL DEMAND SECTORS	4,908	121	9,683	2,518	-	3,934	27	4,786	25,977	65%
TRANSFORMATION										
ELECTRICITY GEN.	234	-	-	-	-	79	19,443	-6,736	13,020	33%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	234	-	-	-	-	79	19,443	-6,736	13,020	33%
TOTAL GROSS FLOWS	5,142	121	9,683	2,518	-	4,013	19,470	4,786	38,997	98%
LOSSES & OMISSIONS	-0	-0	-2	317	-	42	-11	487	832	2%
TOTAL NET USAGE	5,141	120	9,680	2,835	-	4,055	19,458	-1,462	39,829	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	25	25	76%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO. & SOLAR	-	-	-	-	-	-	-	8	8	24%
TOTAL SUPPLY	-	-	-	-	-	-	-	33	33	
NET IMPORTS OF REGION	5,141	120	9,680	2,835	-	4,055	19,458	-1,495	39,796	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.90%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 99 SIOUX FALLS SOUTH DAKOTA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	11,099	148	-	7,087	-	10,797	-	13,073	42,204	39%
INDUSTRIAL	2,568	1,375	-	2,104	-	3,902	854	4,188	14,991	14%
TRANSPORTATION	5,857	-	28,860	2,705	-	1,528	-	-	38,950	36%
MISCELLANEOUS USES	72	46	-	29	-	612	-	123	882	1%
TOTAL FINAL DEMAND SECTORS	19,596	1,569	28,860	11,925	-	16,839	854	17,384	97,027	89%
TRANSFORMATION										
ELECTRICITY GEN.	578	77	-	-	-	324	12,738	-4,646	9,071	8%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	578	77	-	-	-	324	12,738	-4,646	9,071	8%
TOTAL GROSS FLOWS	20,174	1,646	28,860	11,925	-	17,163	13,592	17,384	106,058	97%
LOSSES & OMISSIONS	-0	-0	-8	1,504	-	182	-8	1,769	3,438	3%
TOTAL NET USAGE	20,173	1,645	28,851	13,429	-	17,345	13,583	14,507	109,536	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	103	103	76%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	32	32	24%
TOTAL SUPPLY	-	-	-	-	-	-	-	135	135	
NET IMPORTS OF REGION	20,173	1,645	28,851	13,429	-	17,345	13,583	14,372	109,401	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.13%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	6,233	22	-	4,004	-	5,244	1	7,894	23,398	30%
INDUSTRIAL	2,606	1,301	-	2,291	-	14,182	173	2,870	23,423	30%
TRANSPORTATION	2,888	-	17,731	206	-	869	-	-	21,694	28%
MISCELLANEOUS USES	41	27	-	16	-	971	-	196	1,251	2%
TOTAL FINAL DEMAND SECTORS	11,768	1,350	17,731	6,517	-	21,266	174	10,960	69,766	89%
TRANSFORMATION										
ELECTRICITY GEN.	689	16	-	-	-	407	10,226	-3,793	7,545	10%
PETROLEUM PRODUCTS	-6,081	-1,826	-13,417	-6,093	25,763	776	-	-	-878	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-5,392	-1,810	-13,417	-6,093	25,763	1,183	10,226	-3,793	6,667	8%
TOTAL GROSS FLOWS	12,457	1,366	17,731	6,517	25,763	22,449	10,400	10,960	77,311	98%
LOSSES & OMISSIONS	-0	-0	-5	822	-2	238	-6	1,115	2,161	3%
TOTAL NET USAGE	6,375	-460	4,308	1,246	25,760	22,687	10,393	8,282	78,594	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	40,257	1,891	-	-	42,148	65%
HYDROELECTRIC	-	-	-	-	-	-	-	22,943	22,943	35%
NUCLEAR	-	-	-	-	-	-	-	26	26	0%
GEO. & SOLAR	-	-	-	-	-	-	-	21	21	0%
TOTAL SUPPLY	-	-	-	-	40,257	1,891	-	22,990	65,138	
NET IMPORTS OF REGION	6,375	-460	4,308	1,246	-14,496	20,796	10,393	-14,707	13,456	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =56.55%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	1,112	83	-	1,675	-	3,612	1	2,622	9,105	27%
INDUSTRIAL	1,411	90	-	308	-	3,626	347	2,260	8,042	24%
TRANSPORTATION	4,569	1	6,833	320	-	376	-	-	12,099	36%
MISCELLANEOUS USES	17	18	-	6	-	170	-	35	246	1%
TOTAL FINAL DEMAND SECTORS	7,109	192	6,833	2,309	-	7,784	348	4,917	29,492	88%
TRANSFORMATION										
ELECTRICITY GEN.	-	-	-	-	-	1,760	3,170	-1,620	3,310	10%
PETROLEUM PRODUCTS	-979	-1,869	-2,670	-2,387	7,429	224	-	-	-252	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-979	-1,869	-2,670	-2,387	7,429	1,984	3,170	-1,620	3,058	9%
TOTAL GROSS FLOWS	7,109	192	6,833	2,309	7,429	9,768	3,518	4,917	32,802	98%
LOSSES & OMISSIONS	-0	-0	-2	291	-0	103	-2	500	890	3%
TOTAL NET USAGE	6,129	-1,677	4,160	213	7,428	9,871	3,515	3,797	33,440	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	50,906	8,034	-	-	58,940	100%
HYDROELECTRIC	-	-	-	-	-	-	-	26	26	0%
NUCLEAR	-	-	-	-	-	-	-	104	104	0%
GEO. &SOLAR	-	-	-	-	-	-	-	11	11	0%
TOTAL SUPPLY	-	-	-	-	50,906	8,034	-	141	59,081	
NET IMPORTS OF REGION	6,129	-1,677	4,160	213	-43,477	1,837	3,515	3,656	-25,640	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.14%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.29%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	3,634	233	-	5,744	-	12,317	-	8,848	30,776	24%
INDUSTRIAL	1,432	724	-	1,088	-	9,013	2,978	8,310	23,545	18%
TRANSPORTATION	5,635	2	22,252	344	-	1,265	-	-	29,498	23%
MISCELLANEOUS USES	60	52	-	24	-	583	-	141	865	1%
TOTAL FINAL DEMAND SECTORS	10,761	1,011	22,252	7,200	-	23,183	2,978	17,299	84,684	65%
TRANSFORMATION										
ELECTRICITY GEN.	982	93	-	-	-	3,478	59,523	-21,672	42,404	33%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	982	93	-	-	-	3,478	59,523	-21,672	42,404	33%
TOTAL GROSS FLOWS	11,743	1,104	22,252	7,200	-	26,661	62,501	17,299	127,088	98%
LOSSES & OMISSIONS	-0	-0	-6	908	-	283	-37	1,760	2,907	2%
TOTAL NET USAGE	11,742	1,103	22,245	8,108	-	26,944	62,463	-2,612	129,995	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	26,326	-	-	-	26,326	94%
HYDROELECTRIC	-	-	-	-	-	-	-	1,703	1,703	6%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO. &SOLAR	-	-	-	-	-	-	-	36	36	0%
TOTAL SUPPLY	-	-	-	-	26,326	-	-	1,739	28,065	
NET IMPORTS OF REGION	11,742	1,103	22,245	8,108	-26,326	26,944	62,463	-4,351	101,930	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.18%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	7,751	155	-	8,301	-	16,909	-	12,727	45,843	25%
INDUSTRIAL	2,666	2,433	-	3,054	-	13,706	8,459	8,920	39,238	22%
TRANSPORTATION	6,628	2	32,319	549	-	1,815	-	-	41,313	23%
MISCELLANEOUS USES	86	54	-	34	-	848	-	134	1,156	1%
TOTAL FINAL DEMAND SECTORS	17,131	2,644	32,319	11,938	-	33,278	8,459	21,781	127,550	70%
TRANSFORMATION										
ELECTRICITY GEN.	1,486	7	-	-	-	441	74,483	-26,007	50,410	28%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1,486	7	-	-	-	441	74,483	-26,007	50,410	28%
TOTAL GROSS FLOWS	18,617	2,651	32,319	11,938	-	33,719	82,942	21,781	177,960	98%
LOSSES & OMISSIONS	-0	-0	-9	1,506	-	358	-50	2,216	4,020	2%
TOTAL NET USAGE	18,616	2,650	32,309	13,444	-	34,077	82,891	-2,009	181,980	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	10,776	10,776	100%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	43	43	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	10,819	10,819	
NET IMPORTS OF REGION	18,616	2,650	32,309	13,444	-	34,077	82,891	-12,828	171,161	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.97%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	4,503	73	-	5,105	-	11,205	-	6,981	27,867	29%
INDUSTRIAL	1,813	1,116	-	2,344	-	10,444	6,887	6,909	30,013	31%
TRANSPORTATION	5,348	-	19,016	966	-	1,118	-	-	25,948	27%
MISCELLANEOUS USES	53	29	-	21	-	526	-	47	676	1%
TOTAL FINAL DEMAND SECTORS	11,717	1,218	19,016	8,436	-	23,293	6,887	13,937	84,504	87%
TRANSFORMATION										
ELECTRICITY GEN.	727	64	-	-	-	964	13,009	-4,957	9,807	10%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	727	64	-	-	-	964	13,009	-4,957	9,807	10%
TOTAL GROSS FLOWS	12,444	1,282	19,016	8,436	-	24,257	19,896	13,937	94,311	97%
LOSSES & OMISSIONS	-0	-0	-5	1,064	-	257	-12	1,418	2,722	3%
TOTAL NET USAGE	12,443	1,281	19,010	9,500	-	24,514	19,883	10,398	97,033	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	94	94	76%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO. & SOLAR	-	-	-	-	-	-	-	29	29	24%
TOTAL SUPPLY	-	-	-	-	-	-	-	123	123	
NET IMPORTS OF REGION	12,443	1,281	19,010	9,500	-	24,514	19,883	10,275	96,910	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.43%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 105 WATERLOO IOWA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	7,011	115	-	7,948	-	17,504	-	10,888	43,466	30%
INDUSTRIAL	2,234	1,448	-	3,771	-	16,804	10,256	8,626	43,139	30%
TRANSPORTATION	5,571	-	29,609	465	-	1,740	-	-	37,385	26%
MISCELLANEOUS USES	83	46	-	33	-	847	-	76	1,085	1%
TOTAL FINAL DEMAND SECTORS	14,899	1,609	29,609	12,217	-	36,895	10,256	19,590	125,075	87%
TRANSFORMATION										
ELECTRICITY GEN.	1,895	21	-	-	-	2,136	17,735	-7,214	14,573	10%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1,895	21	-	-	-	2,136	17,735	-7,214	14,573	10%
TOTAL GROSS FLOWS	16,794	1,630	29,609	12,217	-	39,031	27,991	19,590	139,648	97%
LOSSES & OMISSIONS	-0	-0	-8	1,541	-	414	-16	1,993	3,923	3%
TOTAL NET USAGE	16,793	1,629	29,600	13,758	-	39,445	27,974	14,369	143,571	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	200	200	84%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	39	39	16%
TOTAL SUPPLY	-	-	-	-	-	-	-	239	239	
NET IMPORTS OF REGION	16,793	1,629	29,600	13,758	-	39,445	27,974	14,130	143,332	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.89%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 106 DES MOINES IOWA 1985

REGIONAL ENEEGY BALANCE STATEMENT
BY SECTOE AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IF 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	14,297	290	-	16,207	-	39,514	-	24,425	94,733	32%
INDUSTRIAL	3,136	1,991	-	5,329	-	24,150	12,187	13,003	59,796	20%
TRANSPORTATION	14,595	-	60,375	9,237	-	3,549	-	-	87,756	30%
MISCELLANEOUS USES	168	99	-	67	-	2,161	-	194	2,689	1%
TOTAL FINAL DEMAND SECTORS	32,196	2,380	60,375	30,840	-	69,374	12,187	37,622	244,974	83%
TRANSFORMATION										
ELECTRICITY GEN.	2,707	219	-	-	-	791	61,129	-21,951	42,895	14%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	2,707	219	-	-	-	791	61,129	-21,951	42,895	14%
TOTAL GROSS FLOWS	34,903	2,599	60,375	30,840	-	70,165	73,316	37,622	287,869	97%
LOSSES & OMISSIONS	-1	-0	-17	3,891	-	745	-44	3,828	8,401	3%
TOTAL NET USAGE	34,901	2,598	60,357	34,731	-	70,910	73,271	19,499	296,270	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	15,494	-	15,494	45%
HYDROELECTRIC	-	-	-	-	-	-	-	290	290	1%
NUCLEAR	-	-	-	-	-	-	-	18,743	18,743	54%
GEO. & SOLAR	-	-	-	-	-	-	-	73	73	0%
TOTAL SUPPLY	-	-	-	-	-	-	15,494	19,106	34,600	
NET IMPORTS OF REGION	34,901	2,598	60,357	34,731	-	70,910	57,777	393	261,670	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.15%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	11,341	757	-	16,253	-	39,144	-	28,213	95,708	29%
INDUSTRIAL	3,275	4,571	-	6,183	-	27,991	10,747	11,751	64,518	19%
TRANSPORTATION	25,209	7	62,338	11,258	-	3,573	-	-	102,385	31%
MISCELLANEOUS USES	169	166	-	67	-	2,440	-	503	3,345	1%
TOTAL FINAL DEMAND SECTORS	39,994	5,501	62,338	33,761	-	73,148	10,747	40,467	265,956	80%
TRANSFORMATION										
ELECTRICITY GEN.	1,560	127	-	-	-	775	82,612	-28,962	56,112	17%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1,560	127	-	-	-	775	82,612	-28,962	56,112	17%
TOTAL GROSS FLOWS	41,554	5,628	62,338	33,761	-	73,923	93,359	40,467	322,068	97%
LOSSES & OMISSIONS	-1	-1	-18	4,260	-	785	-56	4,118	9,085	3%
TOTAL NET USAGE	41,552	5,626	62,319	38,021	-	74,708	93,302	15,623	331,153	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	1,114	1,114	4%
NUCLEAR	-	-	-	-	-	-	-	25,068	25,068	95%
GEO.&SOLAR	-	-	-	-	-	-	-	76	76	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	26,258	26,258	
NET IMPORTS OF REGION	41,552	5,626	62,319	38,021	-	74,708	93,302	-10,634	304,895	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.96%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATUEAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	4,056	327	-	5,411	-	15,150	-	11,194	37,138	29%
INDUSTRIAL	1,241	832	-	2,304	-	14,457	4,019	6,133	28,986	22%
TRANSPORTATION	6,972	3	24,836	402	-	1,411	-	-	33,624	26%
MISCELLANEOUS USES	67	80	-	27	-	1,112	-	268	1,554	1%
TOTAL FINAL DEMAND SECTORS	12,336	1,242	24,836	8,144	-	32,130	4,019	17,595	101,302	78%
TRANSFORMATION										
ELECTRICITY GEN.	1,083	18	-	-	-	355	36,499	-12,891	25,064	19%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1,083	18	-	-	-	355	36,499	-12,891	25,064	19%
TOTAL GROSS FLOWS	13,419	1,260	24,836	9,144	-	32,485	40,518	17,595	126,366	97%
LOSSES & OMISSIONS	-0	-0	-7	1,153	-	345	-24	1,790	3,256	3%
TOTAL NET USAGE	13,418	1,259	24,828	10,297	-	32,830	40,493	6,494	129,622	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	469	-	-	-	469	4%
HYDROELECTRIC	-	-	-	-	-	-	-	273	273	2%
NUCLEAR	-	-	-	-	-	-	-	12,151	12,151	94%
GEO. &SOLAR	-	-	-	-	-	-	-	34	34	0%
TOTAL SUPPLY	-	-	-	-	469	-	-	12,458	12,927	
NET IMPORTS OF REGION	13,418	1,259	24,828	10,297	-469	32,830	40,493	-5,963	116,695	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.04%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 109 SALINA KANSAS 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	862	59	-	5,386	-	14,303	-	9,823	31,033	18%
INDUSTRIAL	1,315	1,570	-	10,878	-	64,141	434	11,920	90,258	53%
TRANSPORTATION	5,663	-	24,979	455	-	1,332	-	-	32,429	19%
MISCELLANEOUS USES	63	32	-	25	-	576	-	40	736	0%
TOTAL FINAL DEMAND SECTORS	7,903	1,561	24,979	17,344	-	80,352	434	21,783	154,456	90%
TRANSFORMATION										
ELECTRICITY GEN.	21	31	-	-	-	4,901	18,950	-7,980	15,923	9%
PETROLEUM PRODUCTS	-18,407	-35,133	-50,196	-44,878	139,644	4,209	-	-	-4,761	-2%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-18,386	-35,102	-50,196	-44,378	139,644	9,110	18,950	-7,980	11,162	7%
TOTAL GROSS FLOWS	7,924	1,692	24,979	17,344	139,644	89,462	19,384	21,783	170,379	100%
LOSSES & OMISSIONS	-0	-0	-7	2,188	-13	950	-11	2,216	5,323	3%
TOTAL NET USAGE	-10,483	-33,441	-25,224	-25,345	139,630	90,412	19,372	16,019	170,981	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	269,855	3,946	-	-	273,801	94%
HYDROELECTRIC	-	-	-	-	-	-	-	153	153	0%
NUCLEAR	-	-	-	-	-	-	-	17,962	17,962	6%
GEO.&SOLAR	-	-	-	-	-	-	-	47	47	0%
TOTAL SUPPLY	-	-	-	-	269,855	3,946	-	18,162	291,963	
NET IMPORTS OF REGION	-10,483	-33,441	-25,224	-25,345	-130,224	86,466	19,372	-2,142	-121,021	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.62%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 110 WICHITA KANSAS 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	1,691	133	-	11,746	-	29,521	-	20,930	64,021	18%
INDUSTRIAL	1,949	3,567	-	26,657	-	120,953	2,439	13,942	169,507	49%
TRANSPORTATION	9,921	1	49,015	7,474	-	2,614	-	-	69,025	20%
MISCELLANEOUS USES	124	67	-	49	-	1,488	-	103	1,831	1%
TOTAL FINAL DEMAND SECTORS	13,685	3,768	49,015	45,926	-	154,576	2,439	34,975	304,384	87%
TRANSFORMATION										
ELECTRICITY GEN.	573	90	-	-	-	35,026	27,898	-20,037	43,550	13%
PETROLEUM PRODUCTS	-43,303	-82,652	-118,085	-105,576	328,512	9,501	-	-	-11,203	-2%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-42,730	-82,562	-118,085	-105,576	328,512	44,927	27,898	-20,037	32,347	9%
TOTAL GROSS FLOWS	14,258	3,858	49,015	45,926	328,512	199,503	30,337	34,975	347,934	100%
LOSSES & OMISSIONS	-0	-0	-14	3,796	-30	2,119	-18	3,559	11,409	3%
TOTAL NET USAGE	-29,045	-78,794	-69,084	-53,853	328,481	201,622	30,318	18,497	348,140	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	372,746	1,083,797	-	-	1,456,543	100%
HYDROELECTRIC	-	-	-	-	-	-	-	226	226	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	70	70	0%
TOTAL SUPPLY	-	-	-	-	372,746	1,083,797	-	296	1,456,839	
NET IMPORTS OF REGION	-29,045	-78,794	-69,084	-53,853	-44,264	-882,174	30,318	18,201	-1,108,699	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.49%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 111 KANSAS CITY MISSOURI-KANSAS 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	17,679	3,012	-	47,506	-	107,946	-	77,778	254,021	24%
INDUSTRIAL	5,105	7,521	-	37,283	-	132,550	30,592	31,923	244,974	23%
TRANSPORTATION	47,176	1	183,990	66,274	-	10,542	-	-	307,983	29%
MISCELLANEOUS USES	500	504	-	198	-	6,550	-	643	8,395	1%
TOTAL FINAL DEMAND SECTORS	70,460	11,038	183,990	151,361	-	257,588	30,592	110,344	815,373	76%
TRANSFORMATION										
ELECTRICITY GEN.	6,682	46	-	-	-	37,093	324,836	-123,783	244,874	23%
PETROLEUM PRODUCTS	-85,945	-85,102	-160,546	-143,368	446,291	13,451	-	-	-15,219	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-79,263	-85,056	-160,546	-143,368	446,291	50,544	324,836	-123,783	229,655	21%
TOTAL GROSS FLOWS	77,142	11,084	183,990	151,361	446,291	308,132	355,428	110,344	1,060,247	98%
LOSSES & OMISSIONS	-3	-2	-54	19,102	-41	3,273	-214	11,229	33,289	3%
TOTAL NET USAGE	-8,806	-74,020	23,389	27,095	446,249	311,405	355,213	-2,209	1,078,317	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	10,309	1,159	59,828	-	71,296	98%
HYDROELECTRIC	-	-	-	-	-	-	-	989	989	1%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	208	208	0%
TOTAL SUPPLY	-	-	-	-	10,309	1,159	59,828	1,197	72,493	
NET IMPORTS OF REGION	-8,806	-74,020	23,389	27,095	435,940	310,246	295,385	-3,406	1,005,824	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.42%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	4,500	733	-	8,316	-	16,263	-	11,725	41,542	26%
INDUSTRIAL	578	323	-	1,727	-	12,093	8,625	5,212	28,558	18%
TRANSPORTATION	2,180	-	30,228	274	-	1,835	-	-	34,517	21%
MISCELLANEOUS USES	87	194	-	35	-	1,471	-	219	2,006	1%
TOTAL FINAL DEMAND SECTORS	7,345	1,250	30,228	10,352	-	31,667	8,625	17,156	106,623	65%
TRANSFORMATION										
ELECTRICITY GEN.	1,353	64	-	-	-	1,466	77,287	-27,242	52,928	32%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1,353	64	-	-	-	1,466	77,287	-27,242	52,928	32%
TOTAL GROSS FLOWS	8,698	1,314	30,228	10,352	-	33,133	85,912	17,156	159,551	98%
LOSSES & OMISSIONS	-0	-0	-8	1,306	-	351	-51	1,745	3,342	2%
TOTAL NET USAGE	8,697	1,313	30,219	11,658	-	33,484	85,860	-8,340	162,893	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	29,282	-	29,282	42%
HYDROELECTRIC	-	-	-	-	-	-	-	4,739	4,739	7%
NUCLEAR	-	-	-	-	-	-	-	35,923	35,923	51%
GEO.&SOLAR	-	-	-	-	-	-	-	32	32	0%
TOTAL SUPPLY	-	-	-	-	-	-	29,282	40,694	69,976	
NET IMPORTS OF REGION	8,697	1,313	30,219	11,658	-	33,484	56,578	-49,034	92,917	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.02%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	4,654	888	-	4,551	-	13,086	219	7,810	31,208	26%
INDUSTRIAL	1,866	1,528	-	6,159	-	17,811	13,008	5,891	46,263	39%
TRANSPORTATION	3,585	-	18,891	381	-	1,189	-	-	24,046	20%
MISCELLANEOUS USES	76	116	-	30	-	495	-	131	848	1%
TOTAL FINAL DEMAND SECTORS	10,181	2,532	18,891	11,121	-	32,581	13,227	13,832	102,365	87%
TRANSFORMATION										
ELECTRICITY GEN.	747	69	-	-	-	725	17,311	-6,303	12,549	11%
PETROLEUM PRODUCTS	-1,128	-851	-1,858	-1,659	5,164	156	-	-	-176	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-381	-782	-1,858	-1,659	5,164	881	17,311	-6,303	12,373	10%
TOTAL GROSS FLOWS	10,928	2,601	18,891	11,121	5,164	33,462	30,538	13,832	114,914	97%
LOSSES & OMISSIONS	-0	-0	-5	1,403	-0	355	-18	1,407	3,140	3%
TOTAL NET USAGE	9,799	1,749	17,027	10,865	5,163	33,817	30,519	8,936	117,878	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	30	-	-	-	30	1%
HYDROELECTRIC	-	-	-	-	-	-	-	2,358	2,358	96%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	19	19	1%
TOTAL SUPPLY	-	-	-	-	30	-	-	2,377	2,407	
NET IMPORTS OF REGION	9,799	1,749	17,027	10,865	5,133	33,817	30,519	6,559	115,471	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.57%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EEA ECONOMIC AREA 114 ST. LOUIS MISSOURI-ILLINOIS 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	42,222	9,698	-	55,475	-	140,723	1,785	92,591	342,494	25%
INDUSTRIAL	12,484	15,336	-	88,556	-	150,770	73,104	35,488	375,738	27%
TRANSPORTATION	38,368	4	219,264	56,485	-	13,774	-	-	327,895	24%
MISCELLANEOUS USES	813	1,587	-	324	-	6,810	-	1,743	11,277	1%
TOTAL FINAL DEMAND SECTORS	93,887	26,625	219,264	200,840	-	312,077	74,889	129,822	1,057,404	77%
TRANSFORMATION										
ELECTRICITY GEN.	2,426	7,379	-	-	-	5,010	477,735	-165,557	326,993	24%
PETROLEUM PRODUCTS	-283,601	-214,121	-467,396	-417,174	1,298,857	39,147	-	-	-44,288	-2%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-281,175	-206,742	-467,396	-417,174	1,298,857	44,157	477,735	-165,557	282,705	20%
TOTAL GROSS FLOWS	93,313	34,004	219,264	200,840	1,298,857	356,234	552,624	129,822	1,384,397	100%
LOSSES & OMISSIONS	-4	-8	-65	25,344	-121	3,784	-333	13,211	41,807	3%
TOTAL NET USAGE	-187,292	-180,125	-248,197	-190,989	1,298,735	360,018	552,290	-22,523	1,381,916	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	103,497	612	1,257,394	-	1,361,503	100%
HYDROELECTRIC	-	-	-	-	-	-	-	1,099	1,099	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	194	194	0%
TOTAL SUPPLY	-	-	-	-	103,497	612	1,257,394	1,293	1,362,796	
NET IMPORTS OF REGION	-187,292	-180,125	-248,197	-190,989	1,195,238	359,406	-705,103	-23,816	19,120	

NOTES:

1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.39%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 115 PADUCAH KENTUCKY 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	5,196	709	-	10,074	-	19,594	112	15,237	50,922	15%
INDUSTRIAL	3,716	2,083	-	9,691	-	26,641	31,247	39,297	112,675	34%
TRANSPORTATION	7,066	25	39,455	491	-	2,595	-	-	49,632	15%
MISCELLANEOUS USES	136	163	-	54	-	940	-	263	1,556	0%
TOTAL FINAL DEMAND SECTORS	16,114	2,980	39,455	20,310	-	49,770	31,359	54,797	214,785	65%
TRANSFORMATION										
ELECTRICITY GEN.	2,473	7	-	-	-	2,559	158,276	-54,832	108,483	33%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	2,473	7	-	-	-	2,559	158,276	-54,832	108,483	33%
TOTAL GROSS FLOWS	18,587	2,987	39,455	20,310	-	52,329	189,635	54,797	323,268	97%
LOSSES & OMISSIONS	-0	-0	-11	2,562	-	555	-114	5,576	8,567	3%
TOTAL NET USAGE	18,586	2,986	39,443	22,872	-	52,884	189,520	5,541	331,835	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	145	-	145	3%
HYDROELECTRIC	-	-	-	-	-	-	-	4,409	4,409	95%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO. &SOLAR	-	-	-	-	-	-	-	96	96	2%
TOTAL SUPPLY	-	-	-	-	-	-	145	4,505	4,650	
NET IMPORTS OF REGION	18,586	2,986	39,443	22,872	-	52,884	189,375	1,036	327,185	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.43%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 116 SPRINGFIELD MISSOURI 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	7,105	1,019	-	16,399	-	33,563	-	24,787	83,373	25%
INDUSTRIAL	3,402	4,588	-	16,371	-	68,279	14,483	10,903	118,126	35%
TRANSPORTATION	13,200	5	64,364	1,371	-	4,771	-	-	84,211	25%
MISCELLANEOUS USES	177	173	-	70	-	1,543	-	208	2,171	1%
TOTAL FINAL DEMAND SECTORS	23,884	5,785	64,364	35,311	-	108,156	14,483	35,898	287,881	85%
TRANSFORMATION										
ELECTRICITY GEN.	1,635	-	-	-	-	11,193	51,650	-21,397	43,081	13%
PETROLEUM PRODUCTS	-10,014	-19,113	-27,308	-20,415	75,971	2,290	-	-	-2,589	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-8,379	-19,113	-27,308	-20,415	75,971	13,483	51,650	-21,397	40,492	12%
TOTAL GROSS FLOWS	25,519	5,785	64,364	35,311	75,971	121,639	66,133	35,898	330,962	98%
LOSSES & OMISSIONS	-0	-1	-19	4,156	-7	1,292	-39	3,653	9,333	3%
TOTAL NET USAGE	15,504	-13,329	37,036	15,352	75,963	122,931	66,093	18,154	337,706	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	12,923	1,443	52,075	-	66,441	89%
HYDROELECTRIC	-	-	-	-	-	-	-	8,364	8,364	11%
NUCLEAR	-	-	-	-	-	-	-	150	150	0%
GEO.&SOLAR	-	-	-	-	-	-	-	66	66	0%
TOTAL SUPPLY	-	-	-	-	12,923	1,443	52,075	8,580	75,021	
NET IMPORTS OF REGION	15,504	-13,329	37,036	15,352	63,040	121,488	14,018	9,574	262,685	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.82%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	4,045	1,399	-	17,221	-	28,793	-	25,712	77,170	17%
INDUSTRIAL	20,180	9,624	-	39,646	-	43,807	1,549	20,599	135,405	30%
TRANSPORTATION	43,598	47	68,019	14,075	-	12,709	-	-	138,448	31%
MISCELLANEOUS USES	180	260	-	72	-	2,058	-	382	2,952	1%
TOTAL FINAL DEMAND SECTORS	68,003	11,330	68,019	71,014	-	87,367	1,549	46,693	353,975	78%
TRANSFORMATION										
ELECTRICITY GEN.	2,955	-	-	-	-	30,106	94,654	-44,758	82,957	18%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	2,955	-	-	-	-	30,106	94,654	-44,758	82,957	18%
TOTAL GROSS FLOWS	70,958	11,330	68,019	71,014	-	117,473	96,203	46,693	436,932	97%
LOSSES & OMISSIONS	-2	-2	-20	8,961	-	1,247	-58	4,751	14,877	3%
TOTAL NET USAGE	70,955	11,327	67,998	79,975	-	118,720	96,144	6,686	451,809	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	5,327	33,511	3,443	-	42,281	53%
HYDROELECTRIC	-	-	-	-	-	-	-	1,552	1,552	2%
NUCLEAR	-	-	-	-	-	-	-	36,572	36,572	45%
GEO.&SOLAR	-	-	-	-	-	-	-	69	69	0%
TOTAL SUPPLY	-	-	-	-	5,327	33,511	3,443	38,193	80,474	
NET IMPORTS OF REGION	70,955	11,327	67,998	79,975	-5,327	85,209	92,701	-31,506	371,335	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =64.95%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 118 PORT SMITH ARKANSAS-OKLAHOMA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	1,321	328	-	5,521	-	9,092	-	8,136	24,498	26%
INDUSTRIAL	3,676	1,789	-	5,084	-	8,962	111	3,395	23,017	24%
TRANSPORTATION	11,303	14	23,354	2,241	-	4,148	-	-	41,065	43%
MISCELLANEOUS USES	58	57	-	23	-	548	-	166	852	1%
TOTAL FINAL DEMAND SECTORS	16,363	2,188	23,354	12,969	-	22,750	111	11,697	89,432	95%
TRANSFORMATION										
ELECTRICITY GEN.	684	-	-	-	-	2,130	-	-893	1,921	2%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	684	-	-	-	-	2,130	-	-893	1,921	2%
TOTAL GROSS FLOWS	17,047	2,188	23,354	12,969	-	24,880	111	11,697	91,353	97%
LOSSES & OMISSIONS	-0	-0	-6	1,636	-	264	-0	1,190	3,082	3%
TOTAL NET USAGE	17,046	2,187	23,347	14,605	-	25,144	110	11,994	94,435	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	63,349	385,774	16,448	-	465,571	99%
HYDROELECTRIC	-	-	-	-	-	-	-	2,344	2,344	1%
NUCLEAR	-	-	-	-	-	-	-	509	509	0%
GEO. & SOLAR	-	-	-	-	-	-	-	16	16	0%
TOTAL SUPPLY	-	-	-	-	63,349	385,774	16,448	2,869	468,440	
NET IMPORTS OF REGION	17,046	2,187	23,347	14,605	-63,349	-360,629	-16,337	9,125	-374,004	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.27%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	4,491	502	-	19,105	-	33,131	-	31,046	88,275	13%
INDUSTRIAL	7,777	3,249	-	66,791	-	179,027	1,435	15,545	273,824	42%
TRANSPORTATION	32,206	70	83,844	33,028	-	14,099	-	-	163,247	25%
MISCELLANEOUS USES	201	129	-	80	-	1,546	-	643	2,599	0%
TOTAL FINAL DEMAND SECTORS	44,675	3,950	83,844	119,004	-	227,803	1,435	47,234	527,945	80%
TRANSFORMATION										
ELECTRICITY GEN.	2,824	-	-	-	-	85,047	101,821	-65,355	124,337	19%
PETROLEUM PRODUCTS	-65,023	-124,106	-177,314	-158,530	493,285	14,867	-	-	-16,821	-2%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-62,199	-124,106	-177,314	-158,530	493,285	99,914	101,821	-65,355	107,516	16%
TOTAL GROSS FLOWS	47,499	3,950	83,844	119,004	493,285	327,717	103,256	47,234	652,282	99%
LOSSES & OMISSIONS	-1	-0	-24	15,017	-46	3,481	-62	4,806	23,169	4%
TOTAL NET USAGE	-17,525	-120,156	-93,494	-24,508	493,238	331,198	103,193	-13,314	658,630	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	153,523	12,493	23,372	-	189,388	79%
HYDROELECTRIC	-	-	-	-	-	-	-	2,748	2,748	1%
NUCLEAR	-	-	-	-	-	-	-	48,454	48,454	20%
GEO.&SOLAR	-	-	-	-	-	-	-	66	66	0%
TOTAL SUPPLY	-	-	-	-	153,523	12,493	23,372	51,268	240,656	
NET IMPORTS OF REGION	-17,525	-120,156	-93,494	-24,508	339,715	318,705	79,821	-64,582	417,974	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.55%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 120 OKLAHOMA CITY OKLAHOMA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	5,447	460	-	23,170	-	42,283	-	40,059	111,419	20%
INDUSTRIAL	3,895	1,702	-	31,059	-	115,586	275	12,183	164,700	30%
TRANSPORTATION	40,458	76	103,438	24,695	-	17,098	-	-	185,765	33%
MISCELLANEOUS USES	243	171	-	97	-	3,311	-	1,495	5,317	1%
TOTAL FINAL DEMAND SECTORS	50,043	2,409	103,438	79,021	-	178,278	275	53,737	467,201	84%
TRANSFORMATION										
ELECTRICITY GEN.	3,114	-	-	-	-	117,876	-	-39,619	81,371	15%
PETROLEUM PRODUCTS	-43,553	-83,126	-118,765	-106,183	330,402	9,958	-	-	-11,267	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-40,439	-83,126	-118,765	-106,183	330,402	127,834	-	-39,619	70,104	13%
TOTAL GROSS FLOWS	53,157	2,409	103,438	79,021	330,402	306,112	275	53,737	548,572	99%
LOSSES & OMISSIONS	-2	-0	-30	9,971	-30	3,251	-0	5,468	18,627	3%
TOTAL NET USAGE	9,601	-80,717	-15,357	-17,190	330,371	309,363	274	19,586	555,932	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	812,059	1,003,866	-	-	1,815,925	100%
HYDROELECTRIC	-	-	-	-	-	-	-	175	175	0%
NUCLEAR	-	-	-	-	-	-	-	2,286	2,286	0%
GEO.&SOLAR	-	-	-	-	-	-	-	73	73	0%
TOTAL SUPPLY	-	-	-	-	812,059	1,003,866	-	2,534	1,818,459	
NET IMPORTS OF REGION	9,601	-80,717	-15,357	-17,190	-481,687	-694,502	274	17,052	-1,262,526	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.25%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	1,486	136	-	7,000	-	9,582	-	11,062	29,266	16%
INDUSTRIAL	831	350	-	6,070	-	60,656	32	5,329	73,268	39%
TRANSPORTATION	6,652	9	31,106	3,326	-	5,222	-	-	46,315	25%
MISCELLANEOUS USES	74	103	-	29	-	2,418	-	1,149	3,773	2%
TOTAL FINAL DEMAND SECTORS	9,043	598	31,106	16,425	-	77,878	32	17,540	152,622	82%
TRANSFORMATION										
ELECTRICITY GEN.	1,398	-	-	-	-	44,812	-	-15,124	31,086	17%
PETROLEUM PRODUCTS	-12,361	-23,395	-33,583	-30,000	93,342	2,813	-	-	-3,184	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-10,963	-23,395	-33,583	-30,000	93,342	47,625	-	-15,124	27,902	15%
TOTAL GROSS FLOWS	10,441	598	31,106	16,425	93,342	125,503	32	17,540	183,708	99%
LOSSES & OMISSIONS	-0	-0	-9	2,072	-8	1,333	-0	1,784	5,172	3%
TOTAL NET USAGE	-1,920	-22,797	-2,486	-11,502	93,333	126,836	31	4,200	185,696	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	357,948	97,790	-	-	455,738	100%
HYDROELECTRIC	-	-	-	-	-	-	-	59	59	0%
NUCLEAR	-	-	-	-	-	-	-	767	767	0%
GEO. & SOLAR	-	-	-	-	-	-	-	1,052	1,052	0%
TOTAL SUPPLY	-	-	-	-	357,948	97,790	-	1,878	457,616	
NET IMPORTS OF REGION	-1,920	-22,797	-2,486	-11,502	-264,614	29,046	31	2,322	-271,919	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.27%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 122 AMARILLO TEXAS 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	1,299	142	-	6,455	-	8,150	3	11,190	27,239	10%
INDUSTRIAL	1,726	882	-	19,709	-	117,518	358	12,971	153,164	59%
TRANSPORTATION	13,289	6	28,940	5,118	-	4,310	-	-	51,663	20%
MISCELLANEOUS USES	64	44	-	26	-	482	-	253	869	0%
TOTAL FINAL DEMAND SECTORS	16,378	1,074	28,940	31,308	-	130,460	361	24,414	232,935	89%
TRANSFORMATION										
ELECTRICITY GEN.	1,465	-	-	-	-	22,589	21,432	-15,522	29,964	11%
PETROLEUM PRODUCTS	-68,525	-18,190	-116,211	-89,211	274,504	8,273	-	-	-9,360	-3%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-67,060	-18,190	-116,211	-89,211	274,504	30,862	21,432	-15,522	20,604	8%
TOTAL GROSS FLOWS	17,843	1,074	28,940	31,308	274,504	161,322	21,793	24,414	262,899	100%
LOSSES & OMISSIONS	-0	-0	-8	3,950	-25	1,713	-13	2,484	8,100	3%
TOTAL NET USAGE	-50,682	-17,116	-87,279	-53,952	274,478	163,035	21,779	11,376	261,639	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	489,839	1,647,774	-	-	2,137,613	100%
HYDROELECTRIC	-	-	-	-	-	-	-	84	84	0%
NUCLEAR	-	-	-	-	-	-	-	1,232	1,232	0%
GEO.&SOLAR	-	-	-	-	-	-	-	295	295	0%
TOTAL SUPPLY	-	-	-	-	489,839	1,647,774	-	1,611	2,139,224	
NET IMPORTS OF REGION	-50,682	-17,116	-87,279	-53,952	-215,360	-1,484,738	21,779	9,765	-1,877,584	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.88%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EEA ECONOMIC AREA 123 LUBBOCK TEXAS 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	893	134	-	4,868	-	5,566	-	8,681	20,142	11%
INDUSTRIAL	1,332	193	-	2,495	-	65,299	66	10,750	80,135	43%
TRANSPORTATION	8,748	3	21,505	4,098	-	3,680	-	-	38,034	20%
MISCELLANEOUS USES	52	39	-	21	-	297	-	169	578	0%
TOTAL FINAL DEMAND SECTORS	11,025	369	21,505	11,482	-	74,842	66	19,600	138,889	75%
TRANSFORMATION										
ELECTRICITY GEN.	1,294	-	-	-	-	41,771	21,410	-21,790	42,685	23%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1,294	-	-	-	-	41,771	21,410	-21,790	42,685	23%
TOTAL GROSS FLOWS	12,319	369	21,505	11,482	-	116,613	21,476	19,600	181,574	97%
LOSSES & OMISSIONS	-0	-0	-6	1,448	-	1,238	-12	1,994	4,662	3%
TOTAL NET USAGE	12,318	368	21,498	12,930	-	117,851	21,463	-195	186,236	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	1,097,237	98,130	-	-	1,195,367	100%
HYDROELECTRIC	-	-	-	-	-	-	-	74	74	0%
NUCLEAR	-	-	-	-	-	-	-	961	961	0%
GEO.&SOLAR	-	-	-	-	-	-	-	31	31	0%
TOTAL SUPPLY	-	-	-	-	1,097,237	98,130	-	1,066	1,196,433	
NET IMPORTS OF REGION	12,318	368	21,498	12,930	-1,097,237	19,721	21,463	-1,261	-1,010,196	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.20%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 124 ODESSA TEXAS 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	858	118	-	4,673	-	5,177	-	8,038	18,864	3%
INDUSTRIAL	2,959	1,457	-	15,050	-	442,444	80	12,010	474,000	85%
TRANSPORTATION	8,536	3	20,646	4,543	-	3,533	-	-	37,261	7%
MISCELLANEOUS USES	50	37	-	20	-	277	-	158	542	0%
TOTAL FINAL DEMAND SECTORS	12,403	1,615	20,646	24,286	-	451,431	80	20,206	530,667	96%
TRANSFORMATION										
ELECTRICITY GEN.	1,359	-	-	-	-	30,325	-969	-10,000	20,715	4%
PETROLEUM PRODUCTS	-45,350	-12,038	-76,909	-59,841	181,669	5,476	-	-	-6,193	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-43,991	-12,038	-76,909	-59,841	181,669	35,801	-969	-10,000	14,522	3%
TOTAL GROSS FLOWS	13,762	1,615	20,646	24,286	181,669	487,232	80	20,206	551,382	99%
LOSSES & OMISSIONS	-0	-0	-6	3,064	-17	5,175	-0	2,056	10,272	2%
TOTAL NET USAGE	-31,588	-10,423	-56,269	-31,590	181,651	492,407	-889	12,262	555,461	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	2,664,078	2,412,470	-	-	5,076,548	100%
HYDROELECTRIC	-	-	-	-	-	-	-	77	77	0%
NUCLEAR	-	-	-	-	-	-	-	1,010	1,010	0%
GEO.&SOLAR	-	-	-	-	-	-	-	33	33	0%
TOTAL SUPPLY	-	-	-	-	2,664,078	2,412,470	-	1,120	5,077,668	
NET IMPORTS OF REGION	-31,588	-10,423	-56,269	-31,690	-2,482,426	-1,920,062	-889	11,142	-4,522,206	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.38%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 125 ABILENE TEXAS 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	771	117	-	4,203	-	4,838	-	7,661	17,590	11%
INDUSTRIAL	1,034	253	-	1,133	-	63,887	32	6,038	72,377	46%
TRANSPORTATION	6,307	2	18,569	1,651	-	3,178	-	-	29,707	19%
MISCELLANEOUS USES	45	38	-	18	-	329	-	188	618	0%
TOTAL FINAL DEMAND SECTORS	8,157	410	18,569	7,005	-	72,232	32	13,887	120,292	77%
TRANSFORMATION										
ELECTRICITY GEN.	871	-	-	-	-	50,862	-	-16,960	34,773	22%
PETROLEUM PRODUCTS	-14,584	-3,872	-24,733	-18,987	58,422	1,761	-	-	-1,993	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-13,713	-3,872	-24,733	-18,987	58,422	52,623	-	-16,960	32,780	21%
TOTAL GROSS FLOWS	9,028	410	18,569	7,005	58,422	124,855	32	13,887	155,065	99%
LOSSES & OMISSIONS	-0	-0	-5	883	-5	1,326	-0	1,413	3,611	2%
TOTAL NET USAGE	-5,556	-3,462	-6,169	-11,098	58,416	126,181	31	-1,659	156,683	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	845,578	139,762	-	-	985,340	100%
HYDROELECTRIC	-	-	-	-	-	-	-	50	50	0%
NUCLEAR	-	-	-	-	-	-	-	647	647	0%
GEO.&SOLAR	-	-	-	-	-	-	-	20	20	0%
TOTAL SUPPLY	-	-	-	-	845,578	139,762	-	717	986,057	
NET IMPORTS OF REGION	-5,556	-3,462	-6,169	-11,098	-787,161	-13,580	31	-2,376	-829,373	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.22%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 126 SAN ANGELO TEXAS 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	377	52	-	2,055	-	2,281	-	3,553	8,318	17%
INDUSTRIAL	666	110	-	1,159	-	12,734	75	4,765	19,509	40%
TRANSPORTATION	2,146	1	9,079	300	-	1,554	-	-	13,080	27%
MISCELLANEOUS USES	22	19	-	9	-	160	-	91	301	1%
TOTAL FINAL DEMAND SECTORS	3,211	182	9,079	3,523	-	16,729	75	8,409	41,208	84%
TRANSFORMATION										
ELECTRICITY GEN.	559	-	-	-	-	8,756	-	-3,035	6,280	13%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	559	-	-	-	-	8,756	-	-3,035	6,280	13%
TOTAL GROSS FLOWS	3,770	182	9,079	3,523	-	25,485	75	8,409	47,488	97%
LOSSES & OMISSIONS	-0	-0	-2	444	-	270	-0	855	1,568	3%
TOTAL NET USAGE	3,769	181	9,075	3,967	-	25,755	74	6,229	49,056	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	85,972	97,026	-	-	182,998	100%
HYDROELECTRIC	-	-	-	-	-	-	-	32	32	0%
NUCLEAR	-	-	-	-	-	-	-	415	415	0%
GEO.&SOLAR	-	-	-	-	-	-	-	13	13	0%
TOTAL SUPPLY	-	-	-	-	85,972	97,026	-	460	183,458	
NET IMPORTS OF REGION	3,769	181	9,076	3,967	-85,972	-71,270	74	5,769	-134,401	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.42%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 127 DALLAS TEXAS 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	10,132	1,902	-	55,019	-	69,580	-	111,908	248,541	15%
INDUSTRIAL	6,526	3,375	-	55,262	-	386,952	2,529	35,803	490,447	30%
TRANSPORTATION	119,431	337	243,098	202,660	-	41,586	-	-	607,112	37%
MISCELLANEOUS USES	590	384	-	236	-	2,443	-	1,385	5,038	0%
TOTAL FINAL DEMAND SECTORS	136,679	5,998	243,098	313,177	-	500,561	2,529	149,096	1,351,138	83%
TRANSFORMATION										
ELECTRICITY GEN.	8,536	-	-	-	-	303,489	-	-102,139	209,886	13%
PETROLEUM PRODUCTS	-10,389	-2,757	-17,618	-13,525	41,615	1,254	-	-	-1,420	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-1,853	-2,757	-17,618	-13,525	41,615	304,743	-	-102,139	208,466	13%
TOTAL GROSS FLOWS	145,215	5,998	243,098	313,177	41,615	805,304	2,529	149,096	1,561,024	96%
LOSSES & OMISSIONS	-6	-1	-72	39,521	-3	8,554	-1	15,172	63,162	4%
TOTAL NET USAGE	134,819	3,239	225,407	339,173	41,611	813,858	2,527	62,129	1,622,766	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	287,464	192,543	-	-	480,007	91%
HYDROELECTRIC	-	-	-	-	-	-	-	927	927	0%
NUCLEAR	-	-	-	-	-	-	-	48,190	48,190	9%
GEO. & SOLAR	-	-	-	-	-	-	-	202	202	0%
TOTAL SUPPLY	-	-	-	-	287,464	192,543	-	49,319	529,326	
NET IMPORTS OF REGION	134,819	3,239	225,407	339,173	-245,852	621,315	2,527	12,810	1,093,440	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.27%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
				(ALL UNITS IN 10**9 BTU'S)						
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	1,234	177	-	6,724	-	7,563	-	11,854	27,552	16%
INDUSTRIAL	1,411	465	-	2,272	-	25,142	147	5,402	34,839	20%
TRANSPORTATION	9,775	3	29,704	2,846	-	5,084	-	-	47,412	27%
MISCELLANEOUS USES	72	105	-	29	-	1,223	-	698	2,127	1%
TOTAL FINAL DEMAND SECTORS	12,492	750	29,704	11,871	-	39,012	147	17,954	111,930	64%
TRANSFORMATION										
ELECTRICITY GEN.	1,059	-	-	-	-	59,815	25,917	-29,275	57,516	33%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1,059	-	-	-	-	59,815	25,917	-29,275	57,516	33%
TOTAL GROSS FLOWS	13,551	750	29,704	11,871	-	98,827	26,064	17,954	169,446	97%
LOSSES & OMISSIONS	-0	-0	-8	1,498	-	1,049	-15	1,827	4,349	3%
TOTAL NET USAGE	13,550	749	29,695	13,369	-	99,876	26,048	-9,493	173,795	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	4,718	17,597	261,029	-	283,344	100%
HYDROELECTRIC	-	-	-	-	-	-	-	225	225	0%
NUCLEAR	-	-	-	-	-	-	-	786	786	0%
GEO.&SOLAR	-	-	-	-	-	-	-	25	25	0%
TOTAL SUPPLY	-	-	-	-	4,718	17,597	261,029	1,036	284,380	
NET IMPORTS OF REGION	13,550	749	29,695	13,369	-4,718	82,279	-234,980	-10,529	-110,584	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.27%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	2,075	341	-	11,304	-	13,427	-	21,444	48,591	19%
INDUSTRIAL	1,471	464	-	10,432	-	33,594	1,026	8,448	55,435	21%
TRANSPORTATION	10,323	9	49,939	2,360	-	8,547	-	-	71,174	27%
MISCELLANEOUS USES	121	127	-	49	-	1,270	-	725	2,292	1%
TOTAL FINAL DEMAND SECTORS	13,990	937	49,939	24,145	-	56,838	1,026	30,617	177,492	68%
TRANSFORMATION										
ELECTRICITY GEN.	1,782	-	-	-	-	87,412	27,044	-38,953	77,285	30%
PETROLEUM PRODUCTS	-13,026	-3,458	-22,090	-16,959	52,180	1,572	-	-	-1,781	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-11,244	-3,458	-22,090	-16,959	52,180	88,984	27,044	-38,953	75,504	29%
TOTAL GROSS FLOWS	15,772	937	49,939	24,145	52,180	145,822	28,070	30,617	254,777	98%
LOSSES & OMISSIONS	-0	-0	-14	3,046	-4	1,548	-16	3,115	7,674	3%
TOTAL NET USAGE	2,745	-2,521	27,834	10,232	52,175	147,370	28,053	-5,220	260,670	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	24,290	20,210	165,913	-	210,413	99%
HYDROELECTRIC	-	-	-	-	-	-	-	1,370	1,370	1%
NUCLEAR	-	-	-	-	-	-	-	1,324	1,324	1%
GEO.&SOLAR	-	-	-	-	-	-	-	42	42	0%
TOTAL SUPPLY	-	-	-	-	24,290	20,210	165,913	2,736	213,149	
NET IMPORTS OF REGION	2,745	-2,521	27,834	10,232	27,885	127,160	-137,859	-7,956	47,521	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.49%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	2,016	284	-	10,986	-	12,287	-	19,196	44,769	9%
INDUSTRIAL	2,371	1,365	-	37,211	-	171,087	2,704	15,958	230,696	46%
TRANSPORTATION	12,460	6	48,533	2,690	-	8,306	-	-	71,995	14%
MISCELLANEOUS USES	118	77	-	47	-	481	-	275	998	0%
TOTAL FINAL DEMAND SECTORS	16,965	1,732	48,533	50,934	-	192,161	2,704	35,429	348,458	70%
TRANSFORMATION										
ELECTRICITY GEN.	2,237	-	-	-	-	91,112	118,318	-73,116	138,551	28%
PETROLEUM PRODUCTS	-22,614	-6,003	-38,350	-29,441	90,591	2,730	-	-	-3,087	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-20,377	-6,003	-38,350	-29,441	90,591	93,842	118,318	-73,116	135,464	27%
TOTAL GROSS FLOWS	19,202	1,732	48,533	50,934	90,591	286,003	121,022	35,429	487,009	98%
LOSSES & OMISSIONS	-0	-6	-14	6,427	-8	3,038	-73	3,605	12,973	3%
TOTAL NET USAGE	-3,412	-4,271	10,168	27,920	90,582	289,041	120,948	-34,081	496,895	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	1,008,113	363,597	7,823	-	1,379,533	100%
HYDROELECTRIC	-	-	-	-	-	-	-	127	127	0%
NUCLEAR	-	-	-	-	-	-	-	1,662	1,662	0%
GEO.&SOLAR	-	-	-	-	-	-	-	53	53	0%
TOTAL SUPPLY	-	-	-	-	1,008,113	363,597	7,823	1,842	1,381,375	
NET IMPORTS OF REGION	-3,412	-4,271	10,168	27,920	-917,530	-74,555	113,125	-35,923	-884,479	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =55.46%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	1,199	210	-	5,782	-	7,325	-	8,729	23,245	12%
INDUSTRIAL	3,635	1,799	-	16,797	-	30,514	1,433	8,771	62,949	34%
TRANSPORTATION	8,205	7	24,717	2,206	-	4,323	-	-	39,458	21%
MISCELLANEOUS USES	61	55	-	24	-	467	-	176	783	0%
TOTAL FINAL DEMAND SECTORS	13,100	2,071	24,717	24,809	-	42,629	1,433	17,676	126,435	68%
TRANSFORMATION										
ELECTRICITY GEN.	1,139	-	-	-	-	8,447	78,518	-31,328	56,776	30%
PETROLEUM PRODUCTS	-10,389	-2,757	-17,618	-13,525	41,615	1,254	-	-	-1,420	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-9,250	-2,757	-17,618	-13,525	41,615	9,701	78,518	-31,328	55,356	30%
TOTAL GROSS FLOWS	14,239	2,071	24,717	24,809	41,615	52,330	79,951	17,676	183,211	98%
LOSSES & OMISSIONS	-0	-0	-7	3,130	-3	555	-48	1,798	5,424	3%
TOTAL NET USAGE	3,849	-686	7,091	14,414	41,611	52,885	79,902	-11,853	187,215	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	70,805	53,109	8,763	-	132,677	99%
HYDROELECTRIC	-	-	-	-	-	-	-	627	627	0%
NUCLEAR	-	-	-	-	-	-	-	846	846	1%
GEO.&SOLAR	-	-	-	-	-	-	-	27	27	0%
TOTAL SUPPLY	-	-	-	-	70,805	53,109	8,763	1,500	134,177	
NET IMPORTS OF REGION	3,849	-686	7,091	14,414	-29,193	-223	71,139	-13,353	53,038	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =64.44%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	294	11	-	7,300	-	7,988	-	12,821	28,414	11%
INDUSTRIAL	4,620	3,207	-	14,100	-	147,477	577	8,258	178,239	66%
TRANSPORTATION	7,621	25	25,648	7,089	-	5,887	-	-	46,270	17%
MISCELLANEOUS USES	84	35	-	33	-	479	-	323	954	0%
TOTAL FINAL DEMAND SECTORS	12,619	3,278	25,648	28,522	-	161,831	577	21,402	253,877	94%
TRANSFORMATION										
ELECTRICITY GEN.	1,314	-	-	-	-	16,605	-	-5,826	12,093	4%
PETROLEUM PRODUCTS	-23,153	-6,145	-39,263	-30,141	92,745	2,795	-	-	-3,162	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS		-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-21,839	-6,145	-39,263	-30,141	92,745	19,400	-	-5,826	8,931	3%
TOTAL GROSS FLOWS	13,933	3,278	25,648	28,522	92,745	181,231	577	21,402	265,970	98%
LOSSES & OMISSIONS	-0	-0	-7	3,599	-8	1,925	-0	2,178	7,684	3%
TOTAL NET USAGE	-9,220	-2,867	-13,622	1,980	92,736	183,156	576	17,754	270,492	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	196,105	413,460	-	-	609,565	100%
HYDROELECTRIC	-	-	-	-	-	-	-	75	75	0%
NUCLEAR	-	-	-	-	-	-	-	976	976	0%
GEO.&SOLAR	-	-	-	-	-	-	-	32	32	0%
TOTAL SUPPLY	-	-	-	-	196,105	413,460	-	1,083	610,648	
NET IMPORTS OF REGION	-9,220	-2,867	-13,622	1,980	-103,368	-230,303	576	16,671	-340,155	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.49%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

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REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	337	11	-	8,373	-	8,466	-	13,352	30,539	10%
INDUSTRIAL	9,318	6,577	-	10,316	-	140,549	347	21,331	188,438	61%
TRANSPORTATION	4,973	18	29,417	1,738	-	6,752	-	-	42,898	14%
MISCELLANEOUS USES	96	40	-	38	-	569	-	384	1,127	0%
TOTAL FINAL DEMAND SECTORS	14,724	6,646	29,417	20,465	-	156,336	347	35,067	263,002	85%
TRANSFORMATION										
ELECTRICITY GEN.	2,376	-	-	-	-	43,331	11,944	-19,204	38,447	12%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	2,376	-	-	-	-	43,331	11,944	-19,204	38,447	12%
TOTAL GROSS FLOWS	17,100	6,646	29,417	20,465	-	199,667	12,291	35,067	301,449	97%
LOSSES & OMISSIONS	-0	-1	-8	2,582	-	2,120	-7	3,568	8,253	3%
TOTAL NET USAGE	17,099	6,644	29,408	23,047	-	201,787	12,283	19,431	309,702	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	169,274	221,562	-	-	390,836	99%
HYDROELECTRIC	-	-	-	-	-	-	-	135	135	0%
NUCLEAR	-	-	-	-	-	-	-	1,765	1,765	0%
GEO.&SOLAR	-	-	-	-	-	-	-	1,983	1,983	1%
TOTAL SUPPLY	-	-	-	-	169,274	221,562	-	3,883	394,719	
NET IMPORTS OF REGION	17,099	6,644	29,408	23,047	-169,274	-19,774	12,283	15,548	-85,016	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.69%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	2,091	296	-	7,497	-	9,238	5	11,390	30,517	18%
INDUSTRIAL	6,577	5,317	-	21,609	-	35,071	2,037	8,441	79,052	46%
TRANSPORTATION	11,746	201	31,254	1,989	-	3,667	-	-	48,857	28%
MISCELLANEOUS USES	98	76	-	39	-	524	-	98	835	0%
TOTAL FINAL DEMAND SECTORS	20,512	5,890	31,254	31,134	-	48,500	2,042	19,929	159,261	93%
TRANSFORMATION										
ELECTRICITY GEN.	1,117	651	-	-	-	11,550	-	-4,153	9,165	5%
PETROLEUM PRODUCTS	-25,324	-6,723	-42,948	-32,970	101,448	3,053	-	-	-3,459	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-24,207	-6,072	-42,948	-32,970	101,448	14,603	-	-4,153	5,706	3%
TOTAL GROSS FLOWS	21,629	6,541	31,254	31,134	101,448	63,108	2,042	19,929	168,426	98%
LOSSES & OMISSIONS	-0	-1	-9	3,928	-9	670	-1	2,028	6,604	4%
TOTAL NET USAGE	-3,695	-183	-11,703	2,092	101,438	63,778	2,040	17,304	171,571	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	103,074	29,860	-	-	132,934	100%
HYDROELECTRIC	-	-	-	-	-	-	-	39	39	0%
NUCLEAR	-	-	-	-	-	-	-	488	488	0%
GEO. &SOLAR	-	-	-	-	-	-	-	30	30	0%
TOTAL SUPPLY	-	-	-	-	103,074	29,860	-	557	133,491	
NET IMPORTS OF REGION	-3,695	-183	-11,703	2,092	-1,635	33,918	2,040	17,247	38,080	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =63.82%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	2,741	329	-	8,738	-	11,503	11	18,234	41,556	20%
INDUSTRIAL	2,247	709	-	4,211	-	32,469	6,077	15,231	60,944	30%
TRANSPORTATION	8,228	21	37,941	5,027	-	2,561	-	-	53,778	27%
MISCELLANEOUS USES	130	91	-	52	-	730	-	137	1,140	1%
TOTAL FINAL DEMAND SECTORS	13,346	1,150	37,941	18,028	-	47,263	6,088	33,602	157,418	78%
TRANSFORMATION										
ELECTRICITY GEN.	1,642	-	-	-	-	54,302	-	-17,005	38,939	19%
PETROLEUM PRODUCTS	-1,750	-465	-2,967	-2,278	7,009	211	-	-	-240	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-408	-465	-2,967	-2,278	7,009	54,513	-	-17,005	38,699	19%
TOTAL GROSS FLOWS	14,988	1,150	37,941	18,028	7,009	101,776	6,088	33,602	196,357	97%
LOSSES & OMISSIONS	-0	-0	-11	2,275	-0	1,081	-3	3,419	6,759	3%
TOTAL NET USAGE	13,237	684	34,962	18,025	7,008	102,857	6,084	20,016	202,876	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	53,515	67,110	-	-	120,625	76%
HYDROELECTRIC	-	-	-	-	-	-	-	8	8	0%
NUCLEAR	-	-	-	-	-	-	-	37,556	37,556	24%
GEO.&SOLAR	-	-	-	-	-	-	-	52	52	0%
TOTAL SUPPLY	-	-	-	-	53,515	67,110	-	37,616	158,241	
NET IMPORTS OF REGION	13,237	684	34,962	18,025	-46,506	35,747	6,084	-17,599	44,635	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =69.60%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.32%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	1,864	203	-	6,209	-	7,410	8	11,774	27,468	14%
INDUSTRIAL	5,409	3,214	-	12,134	-	61,995	12,846	13,876	109,474	55%
TRANSPORTATION	4,585	14	26,976	440	-	1,832	-	-	33,847	17%
MISCELLANEOUS USES	93	70	-	38	-	564	-	93	858	0%
TOTAL FINAL DEMAND SECTORS	11,951	3,501	26,976	18,821	-	71,801	12,854	25,743	171,647	85%
TRANSFORMATION										
ELECTRICITY GEN.	1,297	146	-	-	-	6,390	28,496	-11,947	24,382	12%
PETROLEUM PRODUCTS	-18,873	-5,011	-32,006	-24,570	75,603	2,278	-	-	-2,579	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-17,576	-4,865	-32,006	-24,570	75,603	8,668	28,496	-11,947	21,803	11%
TOTAL GROSS FLOWS	13,248	3,647	26,976	18,821	75,603	80,469	41,350	25,743	196,029	98%
LOSSES & OMISSIONS	-0	-0	-8	2,375	-7	854	-24	2,619	5,808	3%
TOTAL NET USAGE	-5,625	-1,364	-5,038	-3,373	75,595	81,323	41,325	16,415	199,258	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	295,420	35,228	-	-	330,648	100%
HYDROELECTRIC	-	-	-	-	-	-	-	6	6	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	41	41	0%
TOTAL SUPPLY	-	-	-	-	295,420	35,228	-	47	330,695	
NET IMPORTS OF REGION	-5,625	-1,364	-5,038	-3,373	-219,824	46,095	41,325	16,368	-131,436	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.11%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	2,947	585	-	11,638	-	14,957	10	23,594	53,731	12%
INDUSTRIAL	12,494	7,575	-	29,760	-	83,175	68,125	34,621	235,750	51%
TRANSPORTATION	10,249	3,341	50,631	677	-	3,502	-	-	68,400	15%
MISCELLANEOUS USES	178	180	-	72	-	1,451	-	138	2,019	0%
TOTAL FINAL DEMAND SECTORS	25,868	11,681	50,631	42,147	-	103,085	68,135	58,353	359,900	77%
TRANSFORMATION										
ELECTRICITY GEN.	3,001	495	-	-	-	1,918	164,129	-56,797	112,746	24%
PETROLEUM PRODUCTS	-141,506	-37,564	-239,979	-184,225	566,860	17,085	-	-	-19,329	-3%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-138,505	-37,069	-239,979	-184,225	566,860	19,003	164,129	-56,797	93,417	20%
TOTAL GROSS FLOWS	28,869	12,176	50,631	42,147	566,860	122,088	232,264	58,353	472,646	102%
LOSSES & OMISSIONS	-1	-3	-15	5,318	-53	1,296	-140	5,938	12,341	3%
TOTAL NET USAGE	-112,638	-25,391	-189,363	-136,759	566,806	123,384	232,123	7,494	465,658	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	37,912	16,602	-	-	54,514	98%
HYDROELECTRIC	-	-	-	-	-	-	-	878	878	2%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	95	95	0%
TOTAL SUPPLY	-	-	-	-	37,912	16,602	-	973	55,487	
NET IMPORTS OF REGION	-112,638	-25,391	-189,363	-136,759	528,894	106,782	232,123	6,521	410,171	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.50%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 138 NEW ORLEANS LOUISIANA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COM.	2,510	166	-	36,017	-	40,347	5	64,934	143,979	7%
INDUSTRIAL	27,969	18,063	-	123,991	-	1,390,033	6,753	64,205	1,631,014	76%
TRANSPORTATION	43,214	11,257	129,753	32,043	-	27,055	-	-	243,322	11%
MISCELLANEOUS USES	426	191	-	170	-	1,692	-	997	3,476	0%
TOTAL FINAL DEMAND SECTORS	74,119	29,677	129,753	192,221	-	1,459,127	6,758	130,136	2,021,791	94%
TRANSFORMATION										
ELECTRICITY GEN.	8,263	-	-	-	-	226,331	36,510	-89,771	181,333	8%
PETROLEUM PRODUCTS	-766,483	-203,465	-1,299,870	-997,872	3,070,453	92,543	-	-	-104,694	-4%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-758,220	-203,465	-1,299,870	-997,872	3,070,453	318,874	36,510	-89,771	76,639	4%
TOTAL GROSS FLOWS	82,382	29,677	129,753	192,221	3,070,453	1,778,001	43,268	130,136	2,203,124	102%
LOSSES & OMISSIONS	-3	-7	-38	24,257	-287	18,886	-26	13,243	56,023	3%
TOTAL NET USAGE	-684,104	-173,795	-1,170,155	-781,393	3,070,165	1,796,887	43,241	53,608	2,154,453	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	2,731,406	3,730,923	-	-	6,462,329	99%
HYDROELECTRIC	-	-	-	-	-	-	-	446	446	0%
NUCLEAR	-	-	-	-	-	-	-	63,709	63,709	1%
GEO.&SOLAR	-	-	-	-	-	-	-	199	199	0%
TOTAL SUPPLY	-	-	-	-	2,731,406	3,730,923	-	64,354	6,526,683	
NET IMPORTS OF REGION	-684,104	-173,795	-1,170,155	-781,393	338,759	-1,934,035	43,241	-10,745	-4,372,229	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.89%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EIA ECONOMIC AREA 139 LAKE CHARLES LOUISIANA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	431	13	-	10,702	-	10,679	-	16,776	38,601	3%
INDUSTRIAL	18,212	11,509	-	68,330	-	901,103	279	34,743	1,034,176	84%
TRANSPORTATION	9,253	1,519	37,600	22,786	-	8,631	-	-	79,789	6%
MISCELLANEOUS USES	123	52	-	49	-	968	-	653	1,845	0%
TOTAL FINAL DEMAND SECTORS	28,019	13,093	37,600	101,867	-	921,381	279	52,172	1,154,411	94%
TRANSFORMATION										
ELECTRICITY GEN.	3,619	-	-	-	-	81,437	12,170	-32,157	65,069	5%
PETROLEUM PRODUCTS	-122,000	-32,386	-206,900	-158,830	488,721	14,730	-	-	-16,665	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-118,381	-32,386	-206,900	-158,830	488,721	96,167	12,170	-32,157	48,404	4%
TOTAL GROSS FLOWS	31,638	13,093	37,600	101,867	488,721	1,017,548	12,449	52,172	1,219,480	99%
LOSSES & OMISSIONS	-1	-3	-11	12,854	-45	10,808	-7	5,309	28,903	2%
TOTAL NET USAGE	-90,363	-19,296	-169,311	-44,108	488,675	1,028,356	12,441	25,324	1,231,718	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	1,473,754	3,950,659	-	-	5,424,413	100%
HYDROELECTRIC	-	-	-	-	-	-	-	206	206	0%
NUCLEAR	-	-	-	-	-	-	-	2,688	2,688	0%
GEO.&SOLAR	-	-	-	-	-	-	-	86	86	0%
TOTAL SUPPLY	-	-	-	-	1,473,754	3,950,659	-	2,980	5,427,393	
NET IMPORTS OF REGION	-90,363	-19,296	-169,311	-44,108	-985,078	-2,922,302	12,441	22,344	-4,195,674	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.93%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 140 BEAUMONT-PORT ARTHUR-ORANGE TEXAS 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	1,372	170	-	7,478	-	7,989	-	12,322	29,331	7%
INDUSTRIAL	4,780	6,871	-	159,563	-	119,623	688	25,257	317,182	79%
TRANSPORTATION	10,139	4,268	33,036	1,482	-	5,654	-	-	54,579	14%
MISCELLANEOUS USES	80	49	-	32	-	275	-	157	593	0%
TOTAL FINAL DEMAND SECTORS	16,371	11,358	33,036	168,955	-	133,541	688	37,736	401,685	100%
TRANSFORMATION										
ELECTRICITY GEN.	2,621	-	-	-	-	68,045	-	-23,098	47,568	12%
PETROLEUM PRODUCTS	-542,883	-144,110	-920,670	-706,770	2,174,735	65,546	-	-	-74,152	-17%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-540,262	-144,110	-920,670	-706,770	2,174,735	133,591	-	-23,098	-26,584	-6%
TOTAL GROSS FLOWS	18,992	11,358	33,036	168,955	2,174,735	267,132	688	37,736	449,253	112%
LOSSES & OMISSIONS	-0	-2	-9	21,321	-203	2,837	-0	3,840	27,781	7%
TOTAL NET USAGE	-523,891	-132,754	-887,643	-516,493	2,174,531	269,969	687	18,478	402,882	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	110,260	165,447	-	-	275,707	99%
HYDROELECTRIC	-	-	-	-	-	-	-	149	149	0%
NUCLEAR	-	-	-	-	-	-	-	1,947	1,947	1%
GEO.&SOLAR	-	-	-	-	-	-	-	62	62	0%
TOTAL SUPPLY	-	-	-	-	110,260	165,447	-	2,158	277,865	
NET IMPORTS OF REGION	-523,891	-132,754	-887,643	-516,493	2,064,271	104,522	687	16,320	125,017	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.31%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EEA ECONOMIC AREA 141 HOUSTON TEXAS 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	9,246	1,634	-	50,377	-	61,660	-	98,952	221,869	9%
INDUSTRIAL	14,397	11,433	-	250,906	-	1,358,252	3,914	77,124	1,716,026	66%
TRANSPORTATION	87,379	17,648	222,560	63,234	-	38,089	-	-	428,910	17%
MISCELLANEOUS USES	541	336	-	216	-	1,940	-	1,107	4,140	0%
TOTAL FINAL DEMAND SECTORS	111,563	31,051	222,560	364,733	-	1,459,941	3,914	177,183	2,370,945	92%
TRANSFORMATION										
ELECTRICITY GEN.	11,197	-	-	-	-	296,011	88,344	-132,207	263,345	10%
PETROLEUM PRODUCTS	-948,448	-251,770	-1,608,464	-1,234,769	3,799,383	114,514	-	-	-129,554	-4%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-937,251	-251,770	-1,608,464	-1,234,769	3,799,383	410,525	88,344	-132,207	133,791	5%
TOTAL GROSS FLOWS	122,760	31,051	222,560	364,733	3,799,383	1,870,466	92,258	177,183	2,634,290	102%
LOSSES & OMISSIONS	-5	-7	-66	46,027	-356	19,868	-55	18,031	83,436	3%
TOTAL NET USAGE	-825,693	-220,726	-1,385,970	-824,008	3,799,026	1,890,334	92,202	63,007	2,588,172	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	1,191,916	1,392,373	-	-	2,584,289	98%
HYDROELECTRIC	-	-	-	-	-	-	-	634	634	0%
NUCLEAR	-	-	-	-	-	-	-	52,306	52,306	2%
GEO.&SOLAR	-	-	-	-	-	-	-	2,315	2,315	0%
TOTAL SUPPLY	-	-	-	-	1,191,916	1,392,373	-	55,255	2,639,544	
NET IMPORTS OF REGION	-825,693	-220,726	-1,385,970	-824,008	2,607,110	497,961	92,202	7,752	-51,371	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.58%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	3,838	589	-	21,186	-	24,348	-	38,366	88,377	16%
INDUSTRIAL	2,672	1,102	-	27,164	-	120,857	1,875	16,826	170,476	31%
TRANSPORTATION	25,231	9	93,597	16,923	-	16,078	-	-	152,748	28%
MISCELLANEOUS USES	227	291	-	91	-	3,222	-	1,839	5,670	1%
TOTAL FINAL DEMAND SECTORS	32,938	1,991	93,597	65,364	-	164,425	1,875	57,031	417,271	76%
TRANSFORMATION										
ELECTRICITY GEN.	3,358	-	-	-	-	117,157	49,265	-57,160	112,620	21%
PETROLEUM PRODUCTS	-1,846	-490	-3,130	-2,403	7,395	223	-	-	-251	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1,512	-490	-3,130	-2,403	7,395	117,380	49,265	-57,160	112,369	21%
TOTAL GROSS FLOWS	36,346	1,991	93,597	65,364	7,395	281,805	51,140	57,031	529,891	97%
LOSSES & OMISSIONS	-1	-0	-27	8,248	-0	2,993	-30	5,803	16,984	3%
TOTAL NET USAGE	34,498	1,500	90,439	71,209	7,394	284,798	51,109	5,674	546,624	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	308,042	357,236	-	-	665,278	100%
HYDROELECTRIC	-	-	-	-	-	-	-	654	654	0%
NUCLEAR	-	-	-	-	-	-	-	2,491	2,491	0%
GEO.&SOLAR	-	-	-	-	-	-	-	79	79	0%
TOTAL SUPPLY	-	-	-	-	308,042	357,236	-	3,224	668,502	
NET IMPORTS OF REGION	34,498	1,500	90,439	71,209	-300,647	-72,437	51,109	2,450	-121,877	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =66.33%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.29%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	1,572	221	-	8,565	-	9,572	-	14,847	34,777	9%
INDUSTRIAL	2,172	1,481	-	33,653	-	200,890	1,051	12,478	251,725	66%
TRANSPORTATION	12,394	380	37,839	5,232	-	6,476	-	-	62,321	16%
MISCELLANEOUS USES	92	93	-	37	-	906	-	517	1,645	0%
TOTAL FINAL DEMAND SECTORS	16,230	2,175	37,839	47,487	-	217,844	1,051	27,842	350,468	93%
TRANSFORMATION										
ELECTRICITY GEN.	1,758	-	-	-	-	70,103	-	-23,533	48,328	13%
PETROLEUM PRODUCTS	-236,630	-62,813	-401,298	-308,066	947,915	28,570	-	-	-32,322	-8%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-234,872	-62,813	-401,298	-308,066	947,915	98,673	-	-23,533	16,006	4%
TOTAL GROSS FLOWS	17,988	2,175	37,839	47,487	947,915	316,517	1,051	27,842	398,796	105%
LOSSES & OMISSIONS	-0	-0	-11	5,992	-88	3,362	-0	2,833	12,086	3%
TOTAL NET USAGE	-218,642	-60,638	-363,470	-254,586	947,826	319,879	1,050	7,142	378,560	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	825,168	1,679,919	-	-	2,505,087	100%
HYDROELECTRIC	-	-	-	-	-	-	-	100	100	0%
NUCLEAR	-	-	-	-	-	-	-	1,305	1,305	0%
GEO.&SOLAR	-	-	-	-	-	-	-	42	42	0%
TOTAL SUPPLY	-	-	-	-	825,168	1,679,919	-	1,447	2,506,534	
NET IMPORTS OF REGION	-218,642	-60,638	-363,470	-254,586	122,658	-1,360,039	1,050	5,695	-2,127,973	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =67.25%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	1,033	133	-	5,530	-	6,100	-	9,311	22,207	18%
INDUSTRIAL	736	121	-	1,732	-	21,599	48	6,295	30,531	24%
TRANSPORTATION	4,458	204	24,872	21,989	-	4,257	-	-	55,780	45%
MISCELLANEOUS USES	60	43	-	24	-	307	-	175	609	0%
TOTAL FINAL DEMAND SECTORS	6,287	501	24,872	29,375	-	32,263	48	15,781	109,127	87%
TRANSFORMATION										
ELECTRICITY GEN.	983	-	-	-	-	14,367	-	-4,998	10,352	8%
PETROLEUM PRODUCTS	-2,182	-579	-3,701	-2,841	8,742	263	-	-	-298	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-1,199	-579	-3,701	-2,841	8,742	14,630	-	-4,998	10,054	8%
TOTAL GROSS FLOWS	7,270	501	24,872	29,375	8,742	46,893	48	15,781	119,479	96%
LOSSES & OMISSIONS	-0	-0	-0	3,706	-0	498	-0	1,605	5,802	5%
TOTAL NET USAGE	5,087	-78	21,163	30,240	8,741	47,391	47	12,388	124,983	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	97,148	268,189	-	-	365,337	100%
HYDROELECTRIC	-	-	-	-	-	-	-	237	237	0%
NUCLEAR	-	-	-	-	-	-	-	723	723	0%
GEO.&SOLAR	-	-	-	-	-	-	-	23	23	0%
TOTAL SUPPLY	-	-	-	-	97,148	268,189	-	983	366,320	
NET IMPORTS OF REGION	5,087	-78	21,163	30,240	-88,406	-220,797	47	11,405	-241,336	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =57.44%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 145 EL PASO TEXAS 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	2,341	165	-	10,747	-	14,570	11	18,130	45,964	21%
INDUSTRIAL	1,877	924	-	13,761	-	48,451	3,509	5,621	74,143	33%
TRANSPORTATION	19,366	4	49,064	6,295	-	5,917	-	-	80,646	36%
MISCELLANEOUS USES	99	84	-	39	-	1,639	-	837	2,698	1%
TOTAL FINAL DEMAND SECTORS	23,683	1,177	49,064	30,842	-	70,577	3,520	24,588	203,451	91%
TRANSFORMATION										
ELECTRICITY GEN.	852	-	-	-	-	29,101	-	-9,421	20,532	9%
PETROLEUM PRODUCTS	-64,253	-17,057	-108,968	-83,651	257,394	7,758	-	-	-8,777	-3%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-63,401	-17,057	-108,968	-83,651	257,394	36,859	-	-9,421	11,755	5%
TOTAL GROSS FLOWS	24,535	1,177	49,064	30,842	257,394	107,436	3,520	24,588	223,983	101%
LOSSES & OMISSIONS	-1	-0	-14	3,892	-24	1,141	-2	2,502	7,493	3%
TOTAL NET USAGE	-39,719	-15,880	-59,918	-48,916	257,369	108,577	3,517	17,669	222,699	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	712,043	719,117	-	-	1,431,160	100%
HYDROELECTRIC	-	-	-	-	-	-	-	272	272	0%
NUCLEAR	-	-	-	-	-	-	-	1,250	1,250	0%
GEO.&SOLAR	-	-	-	-	-	-	-	39	39	0%
TOTAL SUPPLY	-	-	-	-	712,043	719,117	-	1,561	1,432,721	
NET IMPORTS OF REGION	-39,719	-15,880	-59,918	-48,916	-454,673	-610,539	3,517	16,108	-1,210,021	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.55%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	2,711	54	-	10,307	-	19,937	25	21,700	54,734	32%
INDUSTRIAL	441	149	-	1,262	-	6,449	2,428	881	11,610	7%
TRANSPORTATION	19,380	-	49,045	13,853	-	2,891	-	-	85,169	50%
MISCELLANEOUS USES	72	38	-	28	-	1,544	-	732	2,414	1%
TOTAL FINAL DEMAND SECTORS	22,604	241	49,045	25,450	-	30,821	2,453	23,313	153,927	90%
TRANSFORMATION										
ELECTRICITY GEN.	82	-	-	-	-	12,934	5,210	-5,671	12,555	7%
PETROLEUM PRODUCTS	-7,499	-1,990	-12,717	-9,763	30,040	905	-	-	-1,024	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-7,417	-1,990	-12,717	-9,763	30,040	13,839	5,210	-5,671	11,531	7%
TOTAL GROSS FLOWS	22,686	241	49,045	25,450	30,040	44,660	7,663	23,313	166,482	97%
LOSSES & OMISSIONS	-0	-0	-14	3,211	-2	474	-4	2,372	6,035	4%
TOTAL NET USAGE	15,186	-1,749	36,313	18,898	30,037	45,134	7,658	20,014	171,493	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	52,615	196,762	51,442	-	300,819	100%
HYDROELECTRIC	-	-	-	-	-	-	-	-	-	
NUCLEAR	-	-	-	-	-	-	-	1,059	1,059	0%
GEO.&SOLAR	-	-	-	-	-	-	-	32	32	0%
TOTAL SUPPLY	-	-	-	-	52,615	196,762	51,442	1,091	301,910	
NET IMPORTS OF REGION	15,186	-1,749	36,313	18,898	-22,577	-151,627	-43,783	18,923	-130,416	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.89%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	3,059	339	-	8,268	-	22,867	29	14,672	49,234	27%
INDUSTRIAL	7,516	2,974	-	3,524	-	9,564	16,364	2,355	42,297	23%
TRANSPORTATION	4,793	-	34,898	4,894	-	2,296	-	-	46,881	26%
MISCELLANEOUS USES	57	164	-	23	-	4,370	-	1,019	5,633	3%
TOTAL FINAL DEMAND SECTORS	15,425	3,477	34,898	16,709	-	39,097	16,393	18,046	144,045	79%
TRANSFORMATION										
ELECTRICITY GEN.	103	-	-	-	-	8,352	39,508	-15,102	32,861	18%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	103	-	-	-	-	8,352	39,508	-15,102	32,861	18%
TOTAL GROSS FLOWS	15,528	3,477	34,898	16,709	-	47,449	55,901	18,046	176,906	98%
LOSSES & OMISSIONS	-0	-0	-10	2,108	-	504	-33	1,836	4,403	2%
TOTAL NET USAGE	15,527	3,476	34,887	18,817	-	47,953	55,867	4,780	181,309	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	7,455	10,569	121,065	-	139,089	99%
HYDROELECTRIC	-	-	-	-	-	-	-	103	103	0%
NUCLEAR	-	-	-	-	-	-	-	998	998	1%
GEO.&SOLAR	-	-	-	-	-	-	-	31	31	0%
TOTAL SUPPLY	-	-	-	-	7,455	10,569	121,065	1,132	140,221	
NET IMPORTS OF REGION	15,527	3,476	34,887	18,817	-7,455	37,384	-65,197	3,648	41,088	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.51%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	11,890	1,706	-	31,981	-	100,585	112	66,662	212,936	29%
INDUSTRIAL	22,023	7,923	-	15,180	-	68,378	15,886	7,731	137,121	18%
TRANSPORTATION	24,781	1	134,917	107,899	-	8,868	-	-	276,466	37%
MISCELLANEOUS USES	223	285	-	87	-	6,051	-	1,412	8,058	1%
TOTAL FINAL DEMAND SECTORS	58,917	9,915	134,917	155,147	-	183,882	15,998	75,805	634,581	85%
TRANSFORMATION										
ELECTRICITY GEN.	1,759	-	-	-	-	31,601	90,380	-38,882	84,858	11%
PETROLEUM PRODUCTS	-31,811	-9,554	-70,184	-31,375	134,767	4,062	-	-	-4,595	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-30,052	-9,554	-70,184	-31,375	134,767	35,663	90,380	-38,882	80,263	11%
TOTAL GROSS FLOWS	63,676	9,915	134,917	155,147	134,767	219,545	106,378	75,805	719,439	97%
LOSSES & OMISSIONS	-2	-2	-40	19,578	-12	2,332	-64	7,714	29,503	4%
TOTAL NET USAGE	28,862	358	64,692	142,850	134,754	221,877	106,313	44,637	744,347	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	110,744	68,892	62,901	-	242,537	37%
HYDROELECTRIC	-	-	-	-	-	-	-	3,424	3,424	1%
NUCLEAR	-	-	-	-	-	-	-	3,941	3,941	2%
GEO.&SOLAR	-	-	-	-	-	-	-	119	119	0%
TOTAL SUPPLY	-	-	-	-	110,744	68,892	62,901	7,484	250,021	
NET IMPORTS OF REGION	28,862	358	64,692	142,850	24,010	152,985	43,412	37,153	494,326	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.58%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATUEAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	1,509	152	-	4,059	-	10,514	13	7,322	23,569	12%
INDUSTRIAL	5,118	1,087	-	3,680	-	15,668	979	1,573	28,105	14%
TRANSPORTATION	4,286	-	17,668	356	-	1,126	-	-	23,436	12%
MISCELLANEOUS USES	29	33	-	11	-	656	-	180	909	0%
TOTAL FINAL DEMAND SECTORS	10,942	1,272	17,668	8,106	-	27,964	992	9,075	76,019	39%
TRANSFORMATION										
ELECTRICITY GEN.	90	-	-	-	-	4,349	168,768	-54,641	118,566	61%
PETROLEUM PRODUCTS	-12,161	-3,415	-23,343	-14,234	49,944	1,505	-	-	-1,704	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-12,071	-3,415	-23,343	-14,234	49,944	5,854	168,768	-54,641	116,862	60%
TOTAL GROSS FLOWS	11,032	1,272	17,668	8,106	49,944	33,818	169,760	9,075	194,585	100%
LOSSES & OMISSIONS	-0	-0	-5	1,022	-4	359	-102	923	2,192	1%
TOTAL NET USAGE	-1,129	-2,143	-5,680	-5,105	49,939	34,177	169,657	-44,642	195,073	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	377,556	596,014	1,109,617	-	2,083,187	100%
HYDROELECTRIC	-	-	-	-	-	-	-	2,200	2,200	0%
NUCLEAR	-	-	-	-	-	-	-	542	542	0%
GEO. & SOLAR	-	-	-	-	-	-	-	16	16	0%
TOTAL SUPPLY	-	-	-	-	377,556	596,014	1,109,617	2,758	2,085,945	
NET IMPORTS OF REGION	-1,129	-2,143	-5,680	-5,105	-327,616	-561,836	-939,959	-47,400	-1,890,871	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.45%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN **0**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	3,626	719	-	3,781	-	11,243	15	9,308	28,693	8%
INDUSTRIAL	15,335	5,019	-	15,171	-	142,949	6,693	3,783	189,150	53%
TRANSPORTATION	23,303	11	22,802	876	-	991	-	-	47,583	13%
MISCELLANEOUS USES	25	179	-	10	-	1,363	-	111	1,693	0%
TOTAL FINAL DEMAND SECTORS	42,289	5,928	22,802	19,838	-	156,552	6,708	13,202	267,119	75%
TRANSFORMATION										
ELECTRICITY GEN.	-	-	-	-	-	7,548	70,419	-24,581	53,386	15%
PETROLEUM PRODUCTS	-93,886	-28,198	-207,135	-94,472	397,741	11,983	-	-	-13,562	-3%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	65,190	-21,790	43,400	12%
NET FUEL USED IN TRANSFORMATION	-93,886	-28,198	-207,135	-94,472	397,741	19,536	135,609	-46,371	83,224	23%
TOTAL GROSS FLOWS	42,289	5,928	22,802	19,838	397,741	176,088	142,317	13,202	363,905	102%
LOSSES & OMISSIONS	-1	-1	-6	2,878	-37	1,870	-85	1,343	5,558	2%
TOTAL NET USAGE	-51,598	-22,271	-184,339	-71,955	397,703	177,958	142,231	-31,825	355,901	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	470,096	200,904	1,749,254	-	2,420,254	100%
HYDROELECTRIC	-	-	-	-	-	-	-	1,919	1,919	0%
NUCLEAR	-	-	-	-	-	-	-	947	947	0%
GEO.&SOLAR	-	-	-	-	-	-	-	28	28	0%
TOTAL SUPPLY	-	-	-	-	470,096	200,904	1,749,254	2,894	2,423,148	
NET IMPORTS OF REGION	-51,598	-22,271	-184,339	-71,955	-72,392	-22,945	-1,607,022	-34,719	-2,067,246	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =€8.47%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS =€6.57%

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REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	15,072	2,040	-	20,027	-	44,951	102	34,636	116,828	19%
INDUSTRIAL	32,085	15,609	-	20,037	-	91,356	31,418	10,357	200,862	33%
TRANSPORTATION	44,579	4	91,660	23,717	-	5,359	-	-	165,319	27%
MISCELLANEOUS USES	134	419	-	53	-	2,836	-	1,174	4,616	1%
TOTAL FINAL DEMAND SECTORS	91,870	18,072	91,660	63,834	-	144,502	31,520	46,167	487,625	79%
TRANSFORMATION										
ELECTRICITY GEN.	12	-	-	-	-	23,986	162,227	-58,691	127,534	21%
PETROLEUM PRODUCTS	-90,236	-27,102	-199,084	-90,415	382,282	11,522	-	-	-13,033	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-90,224	-27,102	-199,084	-90,415	382,282	35,508	162,227	-58,691	114,501	19%
TOTAL GROSS FLOWS	91,882	18,072	91,660	63,834	382,282	180,010	193,747	46,167	615,159	100%
LOSSES & OMISSIONS	-3	-4	-27	8,055	-35	1,912	-116	4,698	14,477	2%
TOTAL NET USAGE	1,642	-9,034	-107,451	-18,525	382,246	181,922	193,630	-7,825	616,603	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	289,450	257,544	1,382,722	-	1,929,716	100%
HYDROELECTRIC	-	-	-	-	-	-	-	3,445	3,445	0%
NUCLEAR	-	-	-	-	-	-	-	3,011	3,011	0%
GEO.&SOLAR	-	-	-	-	-	-	-	90	90	0%
TOTAL SUPPLY	-	-	-	-	289,450	257,544	1,382,722	6,546	1,936,262	
NET IMPORTS OF REGION	1,642	-9,034	-107,451	-18,525	92,796	-75,621	-1,189,091	-14,371	-1,319,658	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.48%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	9,974	295	-	5,518	-	6,087	11	17,278	39,163	30%
INDUSTRIAL	4,493	3,129	-	3,483	-	9,828	5,998	13,661	40,592	31%
TRANSPORTATION	7,833	-	22,595	717	-	1,324	-	-	32,469	24%
MISCELLANEOUS USES	34	42	-	13	-	360	-	165	614	0%
TOTAL FINAL DEMAND SECTORS	22,334	3,466	22,595	9,731	-	17,599	6,009	31,104	112,838	85%
TRANSFORMATION										
ELECTRICITY GEN.	-	-	-	-	-	21,814	-	-6,815	14,999	11%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-	-	-	-	-	21,814	-	-6,815	14,999	11%
TOTAL GROSS FLOWS	22,334	3,466	22,595	9,731	-	39,413	6,009	31,104	127,837	96%
LOSSES & OMISSIONS	-0	-0	-6	1,227	-	418	-3	3,165	4,799	4%
TOTAL NET USAGE	22,333	3,465	22,588	10,958	-	39,831	6,005	27,454	132,636	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	6,347	6,347	69%
NUCLEAR	-	-	-	-	-	-	-	2,739	2,739	30%
GEO.&SOLAR	-	-	-	-	-	-	-	83	83	1%
TOTAL SUPPLY	-	-	-	-	-	-	-	9,169	9,169	
NET IMPORTS OF REGION	22,333	3,465	22,588	10,958	-	39,831	6,005	18,285	123,467	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.76%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	3,446	216	-	3,755	-	10,165	37	7,196	24,815	17%
INDUSTRIAL	8,198	4,920	-	1,933	-	22,658	6,870	21,161	65,740	45%
TRANSPORTATION	11,222	1	17,467	477	-	989	-	-	30,156	21%
MISCELLANEOUS USES	25	45	-	10	-	808	-	93	981	1%
TOTAL FINAL DEMAND SECTORS	22,891	5,182	17,467	6,175	-	34,620	6,907	28,450	121,692	84%
TRANSFORMATION										
ELECTRICITY GEN.	-	-	-	-	-	27,329	-	-8,538	18,791	13%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-	-	-	-	-	27,329	-	-8,538	18,791	13%
TOTAL GROSS FLOWS	22,891	5,182	17,467	6,175	-	61,949	6,907	28,450	140,483	97%
LOSSES & OMISSIONS	-0	-1	-5	779	-	658	-4	2,895	4,320	3%
TOTAL NET USAGE	22,890	5,180	17,461	6,954	-	62,607	6,902	22,807	144,803	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	19,986	19,986	85%
NUCLEAR	-	-	-	-	-	-	-	3,431	3,431	15%
GEO.&SOLAR	-	-	-	-	-	-	-	104	104	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	23,521	23,521	
NET IMPORTS OF REGION	22,890	5,180	17,461	6,954	-	62,607	6,902	-713	121,282	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.76%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

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REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	15,833	3,359	-	8,273	-	13,624	6	27,272	68,382	25%
INDUSTRIAL	10,713	4,886	-	9,037	-	22,224	9,572	38,767	95,199	35%
TRANSPORTATION	11,549	8	61,990	6,039	-	2,103	-	-	81,689	30%
MISCELLANEOUS USES	118	631	-	47	-	786	-	410	1,962	1%
TOTAL FINAL DEMAND SECTORS	38,213	8,864	61,990	23,401	-	38,737	9,578	66,449	247,232	90%
TRANSFORMATION										
ELECTRICITY GEN.	5,192	-	-	-	-	11,902	7,160	-7,613	16,641	6%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	5,192	-	-	-	-	11,902	7,160	-7,613	16,641	6%
TOTAL GROSS FLOWS	43,405	8,864	61,990	23,401	-	50,639	16,738	66,449	263,873	96%
LOSSES & OMISSIONS	-1	-2	-18	2,953	-	537	-10	6,762	10,220	4%
TOTAL NET USAGE	43,403	8,861	61,971	26,354	-	51,176	16,727	65,598	274,093	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	310,970	310,970	99%
NUCLEAR	-	-	-	-	-	-	-	1,454	1,454	0%
GEO.&SOLAR	-	-	-	-	-	-	-	661	661	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	313,085	313,085	
NET IMPORTS OF REGION	43,403	8,861	51,971	26,354	-	51,176	16,727	-247,486	-38,991	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.61%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	48,772	16,282	-	24,855	-	52,582	-	95,297	237,788	25%
INDUSTRIAL	24,066	40,377	-	34,797	-	111,053	4,564	59,793	274,650	29%
TRANSPORTATION	37,052	1,055	232,503	99,794	-	6,506	-	-	376,910	40%
MISCELLANEOUS USES	463	3,045	-	185	-	2,993	-	1,619	8,305	1%
TOTAL FINAL DEMAND SECTORS	110,353	60,759	232,503	159,631	-	173,134	4,564	156,709	897,653	95%
TRANSFORMATION										
ELECTRICITY GEN.	14,531	2,586	-	-	-	923	39,864	-18,437	39,467	4%
PETROLEUM PRODUCTS	-204,230	-120,832	-309,639	-234,887	817,099	24,627	-	-	-27,862	-2%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-189,699	-118,246	-309,639	-234,887	817,099	25,550	39,864	-18,437	11,605	1%
TOTAL GROSS FLOWS	124,884	63,345	232,503	159,631	817,099	198,684	44,428	156,709	937,120	99%
LOSSES & OMISSIONS	-5	-15	-69	20,144	-76	2,110	-26	15,947	38,009	4%
TOTAL NET USAGE	-79,351	-57,502	-77,205	-55,111	817,022	200,794	44,401	154,219	947,267	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	86,080	-	86,080	49%
HYDROELECTRIC	-	-	-	-	-	-	-	51,543	51,543	30%
NUCLEAR	-	-	-	-	-	-	-	34,953	34,953	20%
GEO.&SOLAR	-	-	-	-	-	-	-	1,788	1,788	1%
TOTAL SUPPLY	-	-	-	-	-	-	86,080	88,284	174,364	
NET IMPORTS OF REGION	-79,351	-57,502	-77,205	-55,111	817,022	200,794	-41,678	65,935	772,903	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.16%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	7,784	2,633	-	4,042	-	8,240	-	14,857	37,556	24%
INDUSTRIAL	5,398	2,941	-	7,808	-	17,763	342	17,702	51,954	33%
TRANSPORTATION	7,211	9	39,173	579	-	1,059	-	-	48,031	30%
MISCELLANEOUS USES	75	415	-	31	-	348	-	163	1,032	1%
TOTAL FINAL DEMAND SECTORS	20,468	5,998	39,173	12,460	-	27,410	342	32,722	138,573	87%
TRANSFORMATION										
ELECTRICITY GEN.	2,964	-	-	-	-	200	20,492	-7,600	16,056	10%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	2,964	-	-	-	-	200	20,492	-7,600	16,056	10%
TOTAL GROSS FLOWS	23,432	5,998	39,173	12,460	-	27,610	20,834	32,722	154,629	97%
LOSSES & OMISSIONS	-0	-1	-11	1,572	-	293	-12	3,329	5,168	3%
TOTAL NET USAGE	23,431	5,996	39,161	14,032	-	27,903	20,821	28,451	159,797	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	59,001	59,001	63%
NUCLEAR	-	-	-	-	-	-	-	33,599	33,599	36%
GEO.&SOLAR	-	-	-	-	-	-	-	388	388	0%
TOTAL SUPPLY	-	-	-	-	-	-	-	92,988	92,988	
NET IMPORTS OF REGION	23,431	5,996	39,161	14,032	-	27,903	20,821	-64,536	66,809	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =57.87%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	34,892	17,545	-	18,996	-	38,123	-	70,484	180,040	21%
INDUSTRIAL	25,979	36,943	-	28,678	-	108,614	8,034	92,257	300,505	36%
TRANSPORTATION	70,799	468	199,784	28,485	-	4,994	-	-	304,530	36%
MISCELLANEOUS USES	356	2,013	-	142	-	1,188	-	294	3,993	0%
TOTAL FINAL DEMAND SECTORS	132,026	56,959	199,784	76,301	-	152,919	8,034	163,035	789,068	94%
TRANSFORMATION										
ELECTRICITY GEN.	18,529	4,511	-	-	-	1,004	22,788	-14,762	32,070	4%
PETROLEUM PRODUCTS	-79,290	-46,912	-120,216	-91,193	317,233	9,561	-	-	-10,817	0%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-60,761	-42,401	-120,216	-91,193	317,233	10,565	22,788	-14,762	21,253	3%
TOTAL GROSS FLOWS	150,555	61,480	199,784	76,301	317,233	163,484	30,822	163,035	821,138	98%
LOSSES & OMISSIONS	-6	-15	-59	9,628	-29	1,736	-18	16,591	27,827	3%
TOTAL NET USAGE	71,258	14,552	79,508	-5,263	317,203	165,220	30,803	164,864	838,148	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	141,702	141,702	94%
NUCLEAR	-	-	-	-	-	-	-	7,812	7,812	5%
GEO.&SOLAR	-	-	-	-	-	-	-	1,946	1,946	1%
TOTAL SUPPLY	-	-	-	-	-	-	-	151,460	151,460	
NET IMPORTS OF REGION	71,258	14,552	79,508	-5,263	317,203	165,220	30,803	13,404	686,688	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.48%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	10,528	4,346	-	5,793	-	10,882	-	19,309	50,858	25%
INDUSTRIAL	8,300	4,664	-	5,305	-	24,598	615	14,859	58,342	28%
TRANSPORTATION	20,184	85	61,955	928	-	1,524	-	-	84,676	41%
MISCELLANEOUS USES	109	687	-	43	-	379	-	71	1,289	1%
TOTAL FINAL DEMAND SECTORS	39,121	9,782	61,955	12,069	-	37,383	615	34,239	195,165	94%
TRANSFORMATION										
ELECTRICITY GEN.	3,023	1,594	-	-	-	204	4,587	-2,975	6,433	3%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	3,023	1,594	-	-	-	204	4,587	-2,975	6,433	3%
TOTAL GROSS FLOWS	42,144	11,376	61,955	12,069	-	37,587	5,203	34,239	201,598	97%
LOSSES & OMISSIONS	-1	-2	-18	1,523	-	399	-3	3,484	5,380	3%
TOTAL NET USAGE	42,142	11,373	61,936	13,592	-	37,986	5,199	34,748	206,978	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	14,281	14,281	97%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	395	395	3%
TOTAL SUPPLY	-	-	-	-	-	-	-	14,676	14,676	
NET IMPORTS OF REGION	42,142	11,373	61,936	13,592	-	37,986	5,199	20,072	192,302	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.38%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 159 BOISE CITY IDAHO 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	8,885	467	-	4,879	-	5,543	10	15,214	34,998	36%
INDUSTRIAL	2,195	390	-	641	-	5,023	2,151	7,264	17,664	18%
TRANSPORTATION	6,803	1	21,956	528	-	1,177	-	-	30,465	32%
MISCELLANEOUS USES	33	101	-	13	-	489	-	223	859	1%
TOTAL FINAL DEMAND SECTORS	17,916	959	21,956	6,061	-	12,232	2,161	22,701	83,986	87%
TRANSFORMATION										
ELECTRICITY GEN.	103	-	-	-	-	13,048	157	-4,158	9,150	9%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	103	-	-	-	-	13,048	157	-4,158	9,150	9%
TOTAL GROSS FLOWS	18,019	959	21,956	6,061	-	25,280	2,318	22,701	93,136	97%
LOSSES & OMISSIONS	-0	-0	-6	764	-	268	-1	2,310	3,334	3%
TOTAL NET USAGE	18,018	958	21,949	6,825	-	25,548	2,316	20,853	96,470	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	6,834	6,834	80%
NUCLEAR	-	-	-	-	-	-	-	1,637	1,637	19%
GEO.&SOLAR	-	-	-	-	-	-	-	63	63	1%
TOTAL SUPPLY	-	-	-	-	-	-	-	8,534	8,534	
NET IMPORTS OF REGION	18,018	958	21,949	6,825	-	25,548	2,316	12,319	87,936	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.76%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	4,660	139	-	4,874	-	5,969	11	17,943	33,596	26%
INDUSTRIAL	4,454	1,205	-	931	-	15,324	4,710	5,273	31,897	24%
TRANSPORTATION	4,659	-	24,804	7,912	-	1,279	-	-	38,654	30%
MISCELLANEOUS USES	32	28	-	13	-	322	-	192	587	0%
TOTAL FINAL DEMAND SECTORS	13,805	1,372	24,804	13,730	-	22,894	4,721	23,408	104,734	80%
TRANSFORMATION										
ELECTRICITY GEN.	4	-	-	-	-	17,130	14,472	-9,880	21,726	17%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	4	-	-	-	-	17,130	14,472	-9,880	21,726	17%
TOTAL GROSS FLOWS	13,809	1,372	24,804	13,730	-	40,024	19,193	23,408	126,460	97%
LOSSES & OMISSIONS	-0	-0	-7	1,732	-	425	-11	2,382	4,520	3%
TOTAL NET USAGE	13,808	1,371	24,796	15,462	-	40,449	19,181	15,910	130,980	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	9	9	1%
NUCLEAR	-	-	-	-	-	-	-	1,530	1,530	97%
GEO.&SOLAR	-	-	-	-	-	-	-	46	46	3%
TOTAL SUPPLY	-	-	-	-	-	-	-	1,585	1,585	
NET IMPORTS OF REGION	13,808	1,371	24,796	15,462	-	40,449	19,181	14,325	129,395	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.74%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	6,744	251	-	7,221	-	9,785	19	26,684	50,704	20%
INDUSTRIAL	2,361	1,012	-	1,355	-	10,749	3,085	2,338	20,900	8%
TRANSPORTATION	6,661	-	36,351	29,602	-	1,898	-	-	74,512	30%
MISCELLANEOUS USES	48	50	-	19	-	452	-	250	819	0%
TOTAL FINAL DEMAND SECTORS	15,814	1,313	36,351	38,197	-	22,884	3,104	29,272	146,935	58%
TRANSFORMATION										
ELECTRICITY GEN.	403	-	-	-	-	12,452	127,843	-44,339	96,359	38%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	403	-	-	-	-	12,452	127,843	-44,339	96,359	38%
TOTAL GROSS FLOWS	16,217	1,313	36,351	38,197	-	35,336	130,947	29,272	243,294	97%
LOSSES & OMISSIONS	-0	-0	-10	4,820	-	375	-79	2,978	8,083	3%
TOTAL NET USAGE	16,216	1,312	36,340	43,017	-	35,711	130,867	-12,088	251,377	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	15,477	-	-	-	15,477	91%
HYDROELECTRIC	-	-	-	-	-	-	-	66	66	0%
NUCLEAR	-	-	-	-	-	-	-	1,461	1,461	9%
GEO.&SOLAR	-	-	-	-	-	-	-	44	44	0%
TOTAL SUPPLY	-	-	-	-	15,477	-	-	1,571	17,048	
NET IMPORTS OF REGION	16,216	1,312	36,340	43,017	-15,477	35,711	130,867	-13,659	234,329	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.49%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	3,256	5,733	-	28,613	-	42,232	71	76,524	156,431	27%
INDUSTRIAL	6,279	2,840	-	6,063	-	45,708	19,963	9,844	90,697	15%
TRANSPORTATION	33,306	-	126,634	41,177	-	8,136	-	-	209,253	36%
MISCELLANEOUS USES	204	787	-	80	-	2,551	-	1,290	4,912	1%
TOTAL FINAL DEMAND SECTORS	43,047	9,360	126,634	75,933	-	98,627	20,034	87,658	461,293	79%
TRANSFORMATION										
ELECTRICITY GEN.	5,370	-	-	-	-	37,693	133,023	-55,508	121,578	21%
PETROLEUM PRODUCTS	-114,146	-67,534	-173,060	-131,281	456,686	13,765	-	-	-15,570	-2%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-107,776	-67,534	-173,060	-131,281	456,686	51,458	133,023	-55,508	106,008	18%
TOTAL GROSS FLOWS	49,417	9,360	126,634	75,933	456,686	150,085	153,057	87,658	582,871	99%
LOSSES & OMISSIONS	-2	-2	-37	9,582	-42	1,594	-92	8,920	19,919	3%
TOTAL NET USAGE	-64,731	-58,176	-46,463	-45,765	456,643	151,679	152,964	41,070	587,220	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	12,725	6,973	116,638	-	136,336	63%
HYDROELECTRIC	-	-	-	-	-	-	-	27,132	27,132	13%
NUCLEAR	-	-	-	-	-	-	-	53,142	53,142	25%
GEO.&SOLAR	-	-	-	-	-	-	-	141	141	0%
TOTAL SUPPLY	-	-	-	-	12,725	6,973	116,638	80,415	216,751	
NET IMPORTS OF REGION	-64,731	-58,176	-46,463	-45,765	443,918	144,706	36,326	-39,344	370,469	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.65%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

BEA ECONOMIC AREA 163 TUCSON ARIZONA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	1,035	1,723	-	9,086	-	13,056	23	23,667	48,590	29%
INDUSTRIAL	2,557	774	-	1,204	-	21,227	8,887	3,551	38,200	23%
TRANSPORTATION	8,537	-	40,213	9,234	-	2,584	-	-	60,568	37%
MISCELLANEOUS USES	65	461	-	25	-	1,573	-	796	2,920	2%
TOTAL FINAL DEMAND SECTORS	12,194	2,958	40,213	19,549	-	38,440	8,910	28,014	150,278	91%
TRANSFORMATION										
ELECTRICITY GEN.	1,299	-	-	-	-	12,217	-	-4,175	9,341	6%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1,299	-	-	-	-	12,217	-	-4,175	9,341	6%
TOTAL GROSS FLOWS	13,493	2,958	40,213	19,549	-	50,657	8,910	28,014	159,619	96%
LOSSES & OMISSIONS	-0	-0	-11	2,466	-	538	-5	2,850	5,837	4%
TOTAL NET USAGE	13,492	2,957	40,201	22,015	-	51,195	8,904	26,689	165,456	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	-	-	
NUCLEAR	-	-	-	-	-	-	-	1,534	1,534	97%
GEO.&SOLAR	-	-	-	-	-	-	-	46	46	3%
TOTAL SUPPLY	-	-	-	-	-	-	-	1,580	1,580	
NET IMPORTS OF REGION	13,492	2,957	40,201	22,015	-	51,195	8,904	25,109	163,876	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =69.11%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	1,558	630	-	15,015	-	37,766	-	33,503	88,472	21%
INDUSTRIAL	1,054	682	-	4,477	-	22,290	632	6,520	35,655	9%
TRANSPORTATION	18,490	1,591	153,815	47,966	-	4,183	-	-	227,045	55%
MISCELLANEOUS USES	298	317	-	119	-	4,691	-	2,032	7,457	2%
TOTAL FINAL DEMAND SECTORS	22,400	3,220	153,815	67,577	-	68,930	632	42,055	358,629	87%
TRANSFORMATION										
ELECTRICITY GEN.	5,917	57,474	-	-	-	235	5,278	-21,912	46,992	11%
PETROLEUM PRODUCTS	-55,063	-32,578	-83,483	-63,329	220,302	6,640	-	-	-7,511	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-49,146	24,896	-83,483	-63,329	220,302	6,875	5,278	-21,912	39,481	10%
TOTAL GROSS FLOWS	22,317	60,694	153,815	67,577	220,302	75,805	5,910	42,055	405,621	99%
LOSSES & OMISSIONS	-1	-15	-45	8,527	-20	805	-3	4,279	13,526	3%
TOTAL NET USAGE	-26,747	28,100	70,286	12,775	220,281	76,610	5,906	24,422	411,636	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	4,108	4,108	18%
NUCLEAR	-	-	-	-	-	-	-	18,237	18,237	80%
GEO. & SOLAR	-	-	-	-	-	-	-	455	455	2%
TOTAL SUPPLY	-	-	-	-	-	-	-	22,800	22,800	
NET IMPORTS OF REGION	-26,747	28,100	70,286	12,775	220,281	76,610	5,906	1,622	388,836	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.20%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	11,791	5,236	-	113,600	-	296,861	-	268,128	695,616	19%
INDUSTRIAL	19,793	16,894	-	239,907	-	555,736	22,654	104,059	959,043	26%
TRANSPORTATION	143,261	12,022	1,163,762	300,754	-	31,645	-	-	1,651,444	45%
MISCELLANEOUS USES	2,254	1,456	-	902	-	13,175	-	5,709	23,496	1%
TOTAL FINAL DEMAND SECTORS	177,099	35,608	1,163,752	655,163	-	897,417	22,654	377,896	3,329,599	90%
TRANSFORMATION										
ELECTRICITY GEN.	54,457	383,521	-	-	-	2,169	48,755	-155,341	333,561	9%
PETROLEUM PRODUCTS	-711,659	-421,049	-1,078,968	-818,484	2,847,257	85,816	-	-	-97,087	-2%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-657,202	-37,528	-1,078,968	-818,484	2,847,257	87,985	48,755	-155,341	236,474	6%
TOTAL GROSS FLOWS	231,556	419,129	1,163,762	655,163	2,847,257	985,402	71,409	377,896	3,663,160	99%
LOSSES & OMISSIONS	-9	-104	-345	82,677	-266	10,467	-43	38,457	130,831	4%
TOTAL NET USAGE	-480,112	-2,024	84,448	-80,643	2,846,990	995,869	71,365	261,012	3,696,904	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	1,745,077	211,670	-	-	1,956,747	96%
HYDROELECTRIC	-	-	-	-	-	-	-	48,214	48,214	2%
NUCLEAR	-	-	-	-	-	-	-	22,261	22,261	1%
GEO. &SOLAR	-	-	-	-	-	-	-	7,266	7,266	0%
TOTAL SUPPLY	-	-	-	-	1,745,077	211,670	-	77,741	2,034,488	
NET IMPORTS OF REGION	-480,112	-2,024	84,448	-80,643	1,101,913	784,199	71,365	183,271	1,662,416	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.23%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	1,020	327	-	9,825	-	22,703	-	18,937	52,812	18%
INDUSTRIAL	2,995	1,264	-	11,627	-	82,123	1,044	17,099	116,152	40%
TRANSPORTATION	12,725	11	100,654	2,649	-	2,737	-	-	118,776	40%
MISCELLANEOUS USES	195	144	-	78	-	1,576	-	683	2,676	1%
TOTAL FINAL DEMAND SECTORS	15,935	1,746	100,654	24,179	-	109,139	1,044	36,719	290,416	99%
TRANSFORMATION										
ELECTRICITY GEN.	3,270	5,414	-	-	-	221	4,961	-4,395	9,471	3%
PETROLEUM PRODUCTS	-104,511	-61,833	-158,451	-120,198	418,133	12,603	-	-	-14,257	-4%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-101,241	-56,419	-158,451	-120,198	418,133	12,824	4,961	-4,395	-4,786	-1%
TOTAL GROSS FLOWS	20,205	7,160	100,654	24,179	418,133	121,963	6,005	36,719	299,887	102%
LOSSES & OMISSIONS	-0	-1	-29	3,051	-39	1,295	-3	3,736	8,008	3%
TOTAL NET USAGE	-84,306	-54,674	-57,826	-92,967	418,093	123,258	6,001	36,060	293,638	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	1,113,112	147,424	-	-	1,260,536	97%
HYDROELECTRIC	-	-	-	-	-	-	-	26,951	26,951	2%
NUCLEAR	-	-	-	-	-	-	-	8,987	8,987	1%
GEO.&SOLAR	-	-	-	-	-	-	-	428	428	0%
TOTAL SUPPLY	-	-	-	-	1,113,112	147,424	-	36,366	1,296,902	
NET IMPORTS OF REGION	-84,306	-54,674	-57,826	-92,967	-695,018	-24,165	6,001	-305	-1,003,263	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.30%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EEA ECONOMIC AREA 167 STOCKTON CALIFORNIA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	680	212	-	6,553	-	14,997	-	12,444	34,886	19%
INDUSTRIAL	1,907	1,081	-	5,076	-	37,379	969	9,197	55,609	31%
TRANSPORTATION	9,271	331	67,134	1,030	-	1,825	-	-	79,591	44%
MISCELLANEOUS USES	130	100	-	52	-	1,139	-	493	1,914	1%
TOTAL FINAL DEMAND SECTORS	11,988	1,724	67,134	12,711	-	55,340	969	22,134	172,000	96%
TRANSFORMATION										
ELECTRICITY GEN.	1,948	-	-	-	-	132	2,956	-1,589	3,447	2%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1,948	-	-	-	-	132	2,956	-1,589	3,447	2%
TOTAL GROSS FLOWS	13,936	1,724	67,134	12,711	-	55,472	3,925	22,134	175,447	98%
LOSSES & OMISSIONS	-0	-0	-19	1,604	-	589	-2	2,252	4,422	2%
TOTAL NET USAGE	13,935	1,723	67,114	14,315	-	56,061	3,922	22,797	179,869	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	24,314	24,314	99%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	254	254	1%
TOTAL SUPPLY	-	-	-	-	-	-	-	24,568	24,568	
NET IMPORTS OF REGION	13,935	1,723	67,114	14,315	-	56,061	3,922	-1,770	155,301	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.45%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	1,194	461	-	11,499	-	28,404	-	24,747	66,305	26%
INDUSTRIAL	1,490	642	-	3,409	-	19,724	567	6,494	32,326	13%
TRANSPORTATION	14,518	16	117,802	4,509	-	3,203	-	-	140,448	55%
MISCELLANEOUS USES	228	225	-	9[illegible]	-	3,176	-	1,376	5,096	2%
TOTAL FINAL DEMAND SECTORS	17,830	1,344	117,802	19,508	-	54,507	567	32,617	244,175	95%
TRANSFORMATION										
ELECTRICITY GEN.	3,485	-	-	-	-	184	4,129	-2,453	5,345	2%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	3,485	-	-	-	-	184	4,129	-2,453	5,345	2%
TOTAL GROSS FLOWS	21,315	1,344	117,802	19,508	-	54,691	4,696	32,617	249,520	98%
LOSSES & OMISSIONS	-0	-0	-35	2,461	-	580	-2	3,319	6,322	2%
TOTAL NET USAGE	21,314	1,343	117,766	21,969	-	55,271	4,693	33,483	255,842	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	24,499	153,457	-	-	177,956	72%
HYDROELECTRIC	-	-	-	-	-	-	-	61,699	61,699	25%
NUCLEAR	-	-	-	-	-	-	-	6,312	6,312	3%
GEO.&SOLAR	-	-	-	-	-	-	-	355	355	0%
TOTAL SUPPLY	-	-	-	-	24,499	153,457	-	68,366	246,322	
NET IMPORTS OF REGION	21,314	1,343	117,766	21,969	-24,499	-98,185	4,693	-34,882	9,520	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.54%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EEA ECONOMIC AREA 169 REDDING CALIFORNIA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	181	59	-	1,746	-	4,046	-	3,391	9,423	22%
INDUSTRIAL	1,080	353	-	636	-	4,732	21	1,398	8,220	19%
TRANSPORTATION	3,680	3	17,889	413	-	486	-	-	22,471	52%
MISCELLANEOUS USES	35	28	-	14	-	326	-	141	544	1%
TOTAL FINAL DEMAND SECTORS	4,976	443	17,889	2,809	-	9,590	21	4,930	40,658	94%
TRANSFORMATION										
ELECTRICITY GEN.	1,766	-	-	-	-	28	637	-752	1,679	4%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	1,766	-	-	-	-	28	637	-752	1,679	4%
TOTAL GROSS FLOWS	6,742	443	17,889	2,809	-	9,618	658	4,930	42,337	98%
LOSSES & OMISSIONS	-0	-0	-5	354	-	102	-0	501	952	2%
TOTAL NET USAGE	6,741	442	17,883	3,163	-	9,720	657	4,679	43,289	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	857	5,388	-	-	6,245	12%
HYDROELECTRIC	-	-	-	-	-	-	-	45,865	45,865	88%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO. &SOLAR	-	-	-	-	-	-	-	55	55	0%
TOTAL SUPPLY	-	-	-	-	857	5,388	-	45,920	52,165	
NET IMPORTS OF REGION	6,741	442	17,883	3,163	-857	4,332	657	-41,240	-8,875	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =69.07%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	128	40	-	1,231	-	2,822	-	2,347	6,568	21%
INDUSTRIAL	992	248	-	509	-	2,831	24	1,042	5,746	18%
TRANSPORTATION	1,728	299	12,613	177	-	343	-	-	15,160	49%
MISCELLANEOUS USES	24	17	-	10	-	173	-	75	299	1%
TOTAL FINAL DEMAND SECTORS	2,872	604	12,613	2,027	-	6,169	24	3,464	27,773	89%
TRANSFORMATION										
ELECTRICITY GEN.	295	3,158	-	-	-	20	448	-1,248	2,673	9%
PETROLEUM PRODUCTS	-	-	-	-	-	-	-	-	-	
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	295	3,158	-	-	-	20	448	-1,248	2,673	9%
TOTAL GROSS FLOWS	3,167	3,762	12,613	2,027	-	6,189	472	3,464	30,446	98%
LOSSES & OMISSIONS	-0	-0	-3	255	-	65	-0	352	668	2%
TOTAL NET USAGE	3,166	3,761	12,609	2,282	-	6,254	471	2,568	31,114	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	607	3,815	-	-	4,422	59%
HYDROELECTRIC	-	-	-	-	-	-	-	2,599	2,599	35%
NUCLEAR	-	-	-	-	-	-	-	436	436	6%
GEO.&SOLAR	-	-	-	-	-	-	-	39	39	1%
TOTAL SUPPLY	-	-	-	-	607	3,815	-	3,074	7,496	
NET IMPORTS OF REGION	3,166	3,761	12,609	2,282	-607	2,439	471	-505	23,618	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =65.17%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS = 0.0 %
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

EEA ECONOMIC AREA 171 SAN FRANCISCO-OAKLAND CALIFORNIA 1985

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

(ALL UNITS IN 10**9 BTU'S)

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
FINAL DEMAND SECTORS										
RESIDENTIAL, COMM.	5,907	2,643	-	56,915	-	149,199	-	134,998	349,662	17%
INDUSTRIAL	7,607	7,095	-	457,099	-	207,173	9,815	50,876	439,666	22%
TRANSPORTATION	101,996	16,162	583,053	296,488	-	15,854	-	-	1,013,553	51%
MISCELLANEOUS USES	1,129	830	-	452	-	8,981	-	3,891	15,283	1%
TOTAL FINAL DEMAND SECTORS	116,639	26,731	583,053	510,954	-	381,207	9,815	189,765	1,818,164	91%
TRANSFORMATION										
ELECTRICITY GEN.	19,543	183,008	-	-	-	1,089	24,488	-72,577	155,551	8%
PETROLEUM PRODUCTS	-457,578	-270,724	-693,744	-526,263	1,830,709	55,177	-	-	-62,423	-2%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-438,035	-87,715	-693,744	-526,263	1,830,709	56,266	24,488	-72,577	93,128	5%
TOTAL GROSS FLOWS	136,182	209,739	583,053	510,954	1,830,709	437,473	34,303	189,765	1,973,715	99%
LOSSES & OMISSIONS	-5	-52	-173	64,479	-171	4,646	-20	19,311	88,014	4%
TOTAL NET USAGE	-321,401	-61,037	-110,864	49,170	1,830,537	442,119	34,282	136,499	1,999,306	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	147,221	178,389	-	-	325,610	87%
HYDROELECTRIC	-	-	-	-	-	-	-	19,057	19,057	5%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO. &SOLAR	-	-	-	-	-	-	-	28,509	28,509	8%
TOTAL SUPPLY	-	-	-	-	147,221	178,389	-	47,566	373,176	
NET IMPORTS OF REGION	-321,401	-61,037	-110,864	49,170	1,683,316	263,730	34,282	88,933	1,626,130	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.19%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
			(ALL UNITS IN 10**9 BTU'S)							
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	17,217	151	-	3,848	-	13,212	-	6,246	40,674	9%
INDUSTRIAL	43,722	78,896	-	12,134	-	65,467	439	3,542	204,200	46%
TRANSPORTATION	5,612	598	25,725	138,105	-	920	-	-	174,960	39%
MISCELLANEOUS USES	66	102	-	26	-	4,127	-	308	4,629	1%
TOTAL FINAL DEMAND SECTORS	70,617	79,747	25,725	154,113	-	83,725	439	10,096	424,463	95%
TRANSFORMATION										
ELECTRICITY GEN.	6,924	1,203	-	-	-	59	1,33[illegible]	-2,941	6,576	1%
PETROLEUM PRODUCTS	-49,144	-29,076	-74,508	-56,522	196,619	5,925	-	-	-6,705	-1%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-42,220	-27,873	-74,508	-56,522	196,619	5,985	1,33[illegible]	-2,941	-129	0%
TOTAL GROSS FLOWS	77,541	80,950	25,725	154,113	196,619	89,711	1,770	10,096	431,039	97%
LOSSES & OMISSIONS	-3	-20	-7	19,448	-18	952	-[illegible]	1,027	21,377	5%
TOTAL NET USAGE	23,393	51,853	-48,790	117,039	196,600	90,663	1,768	8,182	445,711	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	4,830,675	316,959	2,582	-	5,150,216	100%
HYDROELECTRIC	-	-	-	-	-	-	-	1,036	1,036	0%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	115	115	0%
TOTAL SUPPLY	-	-	-	-	4,830,675	316,959	2,582	1,151	5,151,367	
NET IMPORTS OF REGION	23,393	51,853	-48,790	117,039	-4,634,074	-226,295	-813	7,031	-4,705,655	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =69.10%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

REGIONAL ENERGY BALANCE STATEMENT
BY SECTOR AND FUEL TYPE

SECTOR	DISTILLATE OIL	RESIDUAL OIL	GASOLINE	OTHER HYDRO-CARBONS	CRUDE OIL	NATURAL GAS	COAL	ELECTRICITY	SECTOR TOTAL	
	(ALL UNITS IN 10**9 BTU'S)									
FINAL DEMAND SECTORS										
RESIDENTIAL,COMM.	709	733	-	8,326	-	13,316	-	14,186	37,270	10%
INDUSTRIAL	12,605	15,075	-	12,517	-	3,422	684	3,026	47,329	13%
TRANSPORTATION	10,330	2,084	56,157	177,768	-	2,321	-	-	248,660	68%
MISCELLANEOUS USES	165	243	-	66	-	154	-	785	1,413	0%
TOTAL FINAL DEMAND SECTORS	23,809	18,135	56,157	198,677	-	19,213	684	17,997	334,672	91%
TRANSFORMATION										
ELECTRICITY GEN.	1,497	28,331	-	-	-	101	2,271	-10,258	21,942	6%
PETROLEUM PRODUCTS	-127,610	-75,499	-193,472	-146,764	510,549	15,388	-	-	-17,408	-4%
NATURAL GAS	-	-	-	-	-	-	-	-	-	
SYN-GAS	-	-	-	-	-	-	-	-	-	
NET FUEL USED IN TRANSFORMATION	-126,113	-47,168	-193,472	-146,764	510,549	15,489	2,271	-10,258	4,534	1%
TOTAL GROSS FLOWS	25,306	46,466	56,157	198,677	510,549	34,702	2,955	17,997	356,614	97%
LOSSES & OMISSIONS	-1	-11	-16	25,071	-47	368	-1	1,831	27,192	7%
TOTAL NET USAGE	-102,305	-29,044	-137,331	76,984	510,501	35,070	2,953	9,570	366,398	
SUPPLY OF ENERGY										
FOSSIL FUEL	-	-	-	-	-	-	-	-	-	
HYDROELECTRIC	-	-	-	-	-	-	-	1,767	1,767	90%
NUCLEAR	-	-	-	-	-	-	-	-	-	
GEO.&SOLAR	-	-	-	-	-	-	-	195	195	10%
TOTAL SUPPLY	-	-	-	-	-	-	-	1,962	1,962	
NET IMPORTS OF REGION	-102,305	-29,044	-137,331	76,984	510,501	35,070	2,953	7,608	364,436	

NOTES:
1 TRANSFORMATION LOSS FOR ELECTRICITY GEN. =68.14%
2 TRANSFORMATION LOSS FOR PETROLEUM PRODUCTS =-3.31%
3 TRANSFORMATION LOSS FOR NATURAL GAS = 0.0 %
4 TRANSFORMATION LOSS FOR SYN-GAS = 0.0 %

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