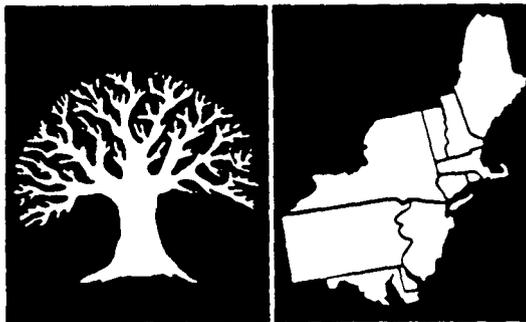


**DIRECTORY
OF
BIOMASS ENERGY
FACILITIES
IN THE NORTHEAST**

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Sponsored by the
CONEG Policy Research Center, Inc.
Washington, D.C.

Prepared by the
BIOMASS ENERGY SERVICE TEAM
Falmouth, Maine

Revised, March 1989

MASTER

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NOTICE TO READERS

The information presented in this directory is based on an extensive survey research completed in 1986-87 and updated during 1988-89.

The directory includes the most complete information available at time of publication, and is based on written and telephone responses from managers and physical plant staff at wood-fired facilities throughout the Northeast.

Whenever possible, information provided by firms or institutions was supplemented with information from state air permit agencies or articles and speeches featured in technical and engineering publications.

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Note: There were no wood-fired facilities larger than 3 million BTU's (3000 pounds per hour) in operation in Delaware and Rhode Island at the time of publication.

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Research and production of the directory was conducted by the Biomass Energy Service Team (BEST), a non-profit educational service that provides information and technical assistance to industries, businesses and institutions interested in converting to woodfuels. Formed in 1984, BEST is a cooperative effort of the Maine Audubon Society in Falmouth, Maine; Atlantis, Inc. in Green's Farms, Connecticut; and C.T. Donovan Associates in Burlington, Vermont.

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INTRODUCTION

The Directory of Biomass Energy Facilities in the Northeast is a comprehensive list of industries, businesses, institutions and utility companies located throughout the Northeast that use wood and wood wastes for fuel. Facilities included in the directory were identified through extensive research on wood energy use in the eleven-state region including Maine, New Hampshire, Vermont, Massachusetts, Connecticut, Rhode Island, New York, New Jersey, Pennsylvania, Maryland and Delaware.

The Directory is designed for public and private decisionmakers interested in evaluating the use of woodfuels at their facilities. It provides the name, location, contact person, and general information on approximately 400 industries, businesses and utility companies using wood for energy in 1986. In addition, more extensive information is provided on the design, engineering, maintenance and economics of about 200 wood-fired facilities that provided more detailed descriptions of their operations. The Council of Great Lakes States and the Tennessee Valley Authority have generated similar directories for facilities in their regions.

The major emphasis of the directory is wood-fired facilities larger than 3 million BTU's per hour (or 3000 pounds per hour) that burn wood and wood wastes in heating systems or power plants that include automatic or semi-automatic woodfuel handling and processing equipment. Selected smaller representative facilities also listed. The directory includes some information on hand-fed chunkwood heating systems that are increasingly being used in small businesses, municipal buildings, garages and other facilities. Please note that there are no facilities listed for Delaware and Rhode Island because there were no large facilities in operation at the time of publication.

ORGANIZATION OF THE DIRECTORY

The Directory is organized into five sections. The first section is an overview of industrial wood energy use in the Northeast, and includes background information on the technical, economic and woodfuel supply issues that should be evaluated by firms interested in converting to woodfuels.

The second section is a comprehensive list of approximately 400 facilities that currently use wood for energy. The list includes the facilities' name, location, contact person, telephone number, type of industry or business, boiler size, and number of employees (if available) listed alphabetically by state.

The third section includes a detailed description of over 200 facilities using wood for energy. The list includes extensive information on: the types and amounts of woodfuel used; design and performance of wood fuel handling, processing, combustion and air emissions equipment; wood energy system costs and economics; changes and improvements planned for the future. Detail varies based on the information provided by the firm or institution. Descriptions are presented alphabetically by state.

The fourth section includes a set of indices that allows the reader to access information in the directory in a variety of ways. Indices are used to organize and present the name and page number of facilities included in the detailed descriptions and allow the reader to identify facilities having common characteristics. The name or location of a facility is not needed to find the information sought in each of the categories defined by the indices.

The fifth section is an annotated list of resources for future information and assistance. The list includes the name and address of wood energy experts in each state energy or forestry office in the Northeast.

Section One:

Overview of Industrial Wood Energy Use in the Northeast

SECTION ONE: AN INTRODUCTION TO INDUSTRIAL, COMMERCIAL AND INSTITUTIONAL WOOD ENERGY USE IN THE NORTHEAST

An estimated 800 industries, businesses, institutions and utility companies throughout the Northeast currently use wood energy. From Maine to Maryland, business owners, boards of directors, and physical plant managers are learning that wood and wood wastes can be a cost effective, practical and clean source of energy.

The following is an overview of the wood energy market in the Northeast and a summary of key components of successful wood-fired facilities. Information is designed to introduce public and private decisionmakers to key issues affecting the technical and economic feasibility of using wood for energy, and to provide guidance on the types of technical economic and engineering analyses that are used in woodfuel conversion projects.

Overview of Industrial Wood Energy Use in the Northeast

A wide variety of forest related companies have long used wood and wood wastes in the northeast for energy. Historically, light manufacturers, small businesses, and institutions have favored using more costly, more convenient fuels, such as #2 oil, #6 oil or natural gas.

This trend began to change in the 1970's as oil prices skyrocketed and energy consumers searched for new ways to decrease energy bills and control operating costs. Today, there are many examples of factories, manufacturers, businesses, schools, hospitals, and other institutions that have successfully converted to wood.

The increased use of wood energy can have positive impacts on individual firms or institutions, the region's economy, and the environment. For the individual industry, business or institution, a wood energy conversion can:

- decrease energy costs;
- improve the reliability of fuel supplies;
- utilize wood wastes produced on site, or by other industries;
- decrease waste disposal costs; and help stabilize the company's position in the market

For the region's economy and environment, the increased use of wood fuel can:

- decrease reliance on imported petroleum;
- increase use of an indigenous, renewable resource;
- improve the diversity and reliability of fuel supplies;
- increase regional income and employment;
- improve opportunities for sound forest management; and
- develop new markets for previously unmerchantable low quality wood and wood residues.

Despite numerous advantages of wood energy and the substantial number of successful wood-fired facilities built during the 1970's, the rate of conversions has declined in the past few years. This trend is believed to be in response to the recent drop in oil prices and predictions that oil prices will remain constant or decline into the early 1990's.

In response to these trends, fewer public and private decisionmakers are feeling pressure to convert to lower-cost, "alternative" fuels. In particular, the higher capital costs associated with wood energy systems appear less viable in the context of stable oil prices and a seemingly reliable fossil fuel supply.

Information compiled since the first printing of this "Directory of Biomass Energy Facilities in the Northeast" in 1985 indicates that a number of operations that previously relied on wood for energy have switched to fossil fuels because of lower prices. A conservative estimate suggests that as many as 10 percent of the facilities that burned wood in 1985 no longer burn wood fuel today. Based on wood consumption estimates, this may account for as little as 300 to 500 thousand but no more than 1 million tons of wood fuel annually that was burned in the northeast during 1985 that is not being burned today.

Facilities that have stopped burning wood or have augmented wood fuel with oil, gas, or coal have primarily been non-wood-related industries. The loss of wood fuel burning capacity in these facilities has been partially offset by new wood-burning operations that have come on-line since 1985. Most of the new wood burning facilities developed since 1985 have been wood-related industries that utilize waste generated on-site, stand-alone or cogenerating facilities that generate electricity for sale to utilities, and facilities that have taken advantage of locally available sources of urban wood waste.

Recent oil price trends are not a guarantee of long-term price or supply stability of petroleum in the U.S. It is a matter of opinion when, and to what extent, energy consumers will again feel the effects of finite fossil fuel reserves and increasing costs. During the past several years, U.S. imports of petroleum have risen to levels higher than 1978, when the last major supply disruption occurred. The need for diversifying the fuel supply mix continues, despite recent economic indicators suggesting the immediate crisis is over.

The current period of relative energy price stability provides both public and private decisionmakers a unique opportunity to prepare for the future, when the energy market may be less predictable. Now is the time to examine opportunities for using alternative fuels and to analyze the costs of potential conversions. Planning for the future now can provide energy consumers with the time that is needed to visit other sites, complete preliminary feasibility assessments, hire engineers and consultants, select equipment, and develop comprehensive financing packages.

Components of a Successful Wood-fired Installation

The experience of firms and institutions using wood fuels can provide valuable information and guidance to decisionmakers and managers exploring options available to their own facilities. An important first step to understanding the opportunities for using wood at any site is to identify key components essential to a successful wood-fired installation. These include:

1. complete assessment of current energy use and demands;
2. detailed engineering and technical analyses to ensure that the new energy system is appropriately matched to energy needs;
3. reliable source of fuel that is uniform in size, of a consistent moisture content, and available at a competitive price;
4. convenient woodfuel delivery system that is carefully matched to the available unloading and storage space;
5. reliable woodfuel handling equipment for moving fuel from the unloading and storage area into the wood boiler;

6. carefully-sized screening equipment that will eliminate any oversized fuel or noncombustible materials before it enters the boiler;
7. reliable equipment for metering the fuel as it enters the boiler, to ensure an even flow of fuel to the fire;
8. efficient direct combustion or gasification furnace or boiler;
9. carefully-sized cogeneration equipment, if appropriate for the facility;
10. adequate air emissions equipment and permits;
11. ash collection and disposal equipment; and
12. trained operation and maintenance staff to keep the system running in a smooth and efficient manner.

Every successful wood-fired facility in operation today has been able to complete each of the components described above. It is important not to be overwhelmed by the amount of information and equipment required.

Woodfuel Supply, Storage and Delivery

Investing in a wood energy system can make good economic sense. Many firms and institutions have found that the significantly lower cost of purchasing woodfuel, when compared to purchasing fossil fuels, can more than offset the increased capital and operating costs of a wood-fired facility.

Selecting the Type of Woodfuel

The key to successful wood installation is to secure a reliable source of fuel at a competitive price and consistent moisture content. Four common fuel types are used: cord wood, wood chips, wood pellets, and mill residues (including bark, sawdust, edgings, etc).

Most industrial and commercial firms using wood energy in boilers larger than 1 million BTU's, or 1,000 pounds per hour, burn wood chips or mill residues in automatic or semi-automatic self-feeding units. These systems are more convenient to operate than handfed chunkwood systems, and usually have lower fuel costs.

A number of firms are using wood pellets alone or in combination with wood chips or mill residues. Wood pellets

are a uniform-sized fuel made from compressed wood wastes that are easier to transport, handle and burn than wood chips. The cost of wood pellets is generally higher than other forms of woodfuel, but prices may fall in the future as proposed pellet manufacturing plants come on line in the Northeast.

The energy content and prices of woodfuels vary significantly, depending on wood fuel type, the moisture content of the fuel and the supply source. Numerous publications compare heating value and overall combustion characteristics of different woodfuels. Before selecting a woodfuel, it is essential to compare the costs and heating value available for different fuels in your area. Look for the highest heating value at the most reasonable price from a reputable and reliable supplier.

Locating a Reliable Woodfuel Supplier

A common concern among people unfamiliar with the wood energy market in the Northeast is availability of regional woodfuel suppliers. The wood energy supply network has developed considerably during the past decade with over 350 suppliers of wood chips in the eleven-state Northeast region. In addition, several major suppliers of wood pellets with dealers are located throughout the region, and an unestimable number of firewood dealers.

When selecting a woodfuel supplier, look for a company or individual with experience supplying a similar type of firm or institution with a reputation for being reliable. Be sure to specify type and quality of the fuel that will be needed, and moisture content requirements.

An increasing number of industrial and commercial wood energy users develop written contracts with fuel suppliers allowing both the consumer and the supplier to plan budgets and workplans for the period of the contract. Some firms find that a one-year contract with their supplier is adequate, while others insist on two or more years. Generally, higher volume users of woodfuel are able to negotiate long-term contracts with fuel suppliers.

The wood energy expert in each state energy or forestry agency is an excellent source of information on available woodfuel suppliers. A comprehensive list of wood chip suppliers was published by BEST in 1985 and has been updated in 1989. It is available from CONEG or each state energy office.

Woodfuel Delivery and Unloading

There is no volume of wood energy use typical of industries, businesses and institutions in the Northeast. Levels of consumption vary widely and can range from 500 pounds a week to 500 tons a week.

All woodfuel delivery and unloading systems must be carefully designed for the specific volume and type of woodfuel used at the facility. It should be efficient, convenient and easy to use and maintain. Delivery options include:

- hydraulic truck dumpers;
- self-loading, or live-bottom trailers;
- 25-ton tractor trailer trucks;
- modified dump trucks; and
- front-end loaders.

The choice of system will depend on the size of delivery and unloading area, concerns about aesthetics and noise, and the overall project budget. Some firms and institutions are able to use equipment on hand, while others purchase new or used machinery.

Woodfuel Storage

To be successful, the woodfuel storage area should be carefully designed to complement the fuel delivery and unloading system. Factors that should be considered include: availability of storage space; aesthetics; possibility of odors from outdoor storage piles; potential dust from unloading wood chips or sawdust; and possible freeze-ups due to cold, wet weather. Storage systems commonly used throughout the Northeast include:

- woodfuel silos;
- storage sheds;
- pole barns; or
- open, outdoor piles.

Before selecting a woodfuel storage system, visit several firms or institutions similar to your own that have installed wood-fired facilities to see how they handled their situation. Learn from their experiences, and ask what they would do differently. Contact several equipment suppliers to compare prices and experience.

A comprehensive list of equipment manufacturers and suppliers serving industries, businesses and institutions in the Northeast was published by BEST in 1985 and updated in 1989. It is available from CONEG or the wood energy expert in each state energy/forestry agency.

Woodfuel Handling and Processing

It is more difficult to handle and process solid fuels than liquid fuels, such as oil and gas. This is particularly true for manufacturing wastes and mill residues, due to the varying sizes, shapes and moisture contents of the fuel.

The design and engineering of fuel handling and processing equipment is as important to the system as the boiler. The equipment used will vary depending on fuel demand, the available storage space, handling and combustion areas, and the overall project budget.

There are four basic tasks that must be accomplished by the fuel handling and processing equipment. These include:

- moving the fuel from storage to the furnace boiler;
- screening the fuel to remove oversized chips, dirt or metal scraps;
- drying the fuel, (if required); and
- feeding the fuel to the boiler.

There are too many possible equipment configurations to summarize in this introductory fact sheet. However, a reliable, efficient and safe fuel handling system is an absolute essential. Overall, in most wood-fired facilities, the fuel handling and processing equipment will account for:

- 50% of the capital costs; and
- 90% of the annual operating costs.

Most wood energy users agree that it is essential to:

- use care in selecting equipment,
- receive qualified engineering assistance, and
- keep it simple.

Heating Plant Options

Wood-fired plants should meet four major goals: provide continuous heat and/or power; operate automatically during the day and night; feature an automatic sensor and alarm system for equipment or fuel handling problems; and distribute heat or power evenly throughout the facility.

Two major types of heating plants are used in wood energy systems to achieve these goals; 1) a direct-burn wood boiler or furnace; and 2) a wood gasification system. Either system can produce hot water or steam. In addition, a facility may install a cogeneration system to generate electricity from excess steam or waste heat produced. Cogeneration can provide:

1. higher temperature steam to generate electricity;
2. lower temperature steam for space heat and hot water;
3. electricity on-site for lighting, manufacturing, and
4. excess power for sale to nearby electric utility company.

The decision to use a direct combustion or a gasification system, and whether to cogenerate power from waste heat will be based on a variety of key energy demand characteristics of the firm or institution. These include:

- annual fuel use;
- heat demand;
- steam demand
- steam temperature and pressure;
- base and peak loads;
- seasonal variations in heat and/or power needs;
- electricity consumption and demand levels; and
- available physical space.

Many of these factors can be evaluated in a preliminary feasibility study to determine whether to continue investigating a wood-fired installation for the facility. If the preliminary analysis appears to be favorable, the next step is to complete a more detailed and technical engineering study to determine the type and size of equipment that would be economically and technically viable for the installation.

Once the decision has been made to proceed with a wood-fired installation, several general equipment options are available. Turnkey installations are most often used for facilities rated up to 8 million BTU's per hour, or 8,000 pounds per hour. An equipment supplier offering a turnkey installation is responsible for providing a complete wood energy system, in place and ready to operate. These systems can be attractive to many "smaller" industries and businesses because they require the least amount of input and involvement by the consumer.

For wood energy systems rated from 5,000 pounds per hour to 50,000 pounds per hour, standard equipment is commonly selected from a variety of manufacturers. The design and equipment decisions are usually made by a

qualified engineer or wood energy conversion consultant. If engineers and technical staff are employed by the firm planning a conversion, they may be involved in the design and specification of the system.

Most wood energy systems larger than 50,000 pounds per hour will require the expertise of qualified engineering firms that design and specify equipment to be custom manufactured for the installation. Engineering expertise available in-house may also be used. These systems require advanced planning, and may take several years to complete.

There are many examples of applications throughout the Northeast that have successfully installed a wood-fired facility using the various equipment options described above. The choices will depend on the advice and assistance provided by in-house engineering staff and/or outside consultants and engineers.

A directory of energy engineers and wood energy consultants in the Northeast was published by BEST in 1985 and updated in 1989. It is available from CONEG or the wood energy expert in each state energy/forestry office.

Air Emissions and Ash Disposal Regulations

A common barrier preventing industries, businesses and institutions from investing in wood energy systems is concern about complying with air emissions and ash disposal regulations. There are numerous examples of registered wood-fired boilers throughout the Northeast that do not require special air emissions and ash disposal equipment. For those facilities that must control emissions, many are able to use standard, off-the-shelf, pre-packaged systems.

Air Emissions

A variety of federal and state regulations apply to air emissions from nonresidential wood energy systems. Emissions of concern include: particulates, sulfur dioxide, nitrogen oxides, carbon monoxide, hydrocarbons, and metals. Federal air regulations are directed at larger boilers and are generally not a problem for wood boilers smaller than 100,000 pounds per hour, or 100 million BTU's.

State air regulations cover smaller boilers and usually focus on particulate emissions. Regulations vary widely among the states in the Northeast region, and are usually the limiting factor for light industrial, commercial and institutional wood-fired facilities. State air emission regulations in effect throughout the Northeast are displayed in Table 1. For further information, updates or assistance,

contact the wood energy expert in your state energy/forestry office and your state environmental agency.

A variety of air pollution equipment is available depending on the level of emissions control required by state and/or federal regulations. Many northeastern facilities have found cyclones and multi-cyclones to be adequate, widely available, relatively low in cost and simple to operate and maintain.

In areas where stricter standards apply, ventura scrubbers are commonly used devices. Baghouses and electrostatic precipitators are the most sophisticated and expensive equipment available, and are used in larger wood-fired installations. For further information on the availability, cost and performance of different types of air pollution control equipment, contact an energy engineer, wood energy conversion consultant, or the wood energy expert in your state energy/forestry office.

Table 1. State Air Emissions Regulations for Wood-Fired Facilities

<u>State</u>	<u>Regulations Begin for Boilers Larger Than: (pounds per hour)</u>
Maine	3000
New Hampshire	2000
Vermont	3000
Massachusetts	150 manual units 3000 automatic units
Connecticut	250
Rhode Island	1000
New York	1000
New Jersey	All industrial/ commercial units
Pennsylvania	2500
Maryland	13000
Delaware	1000

Ash Collection and Disposal

All wood energy systems produce ash as a byproduct of combustion. Typically, the ash produced and collected in the boiler and/or the air emissions equipment is less than 1% of the total volume of woodfuel consumed. The ash produced in nonresidential wood energy systems is not toxic and does not contain heavy metals, unless it has been mixed with other industrial wastes or sludge. Much of the ash produced in a wood energy system comes from dirt and mud present in the woodfuel when it is burned.

There are five ways to collect and dispose of ash produced in a wood energy system. These include:

- reinjecting the ash into the boiler or furnace;
- collecting the ash in air emission equipment;
- spreading the ash on company grounds;
- applying the ash to agricultural lands; and
- trucking the ash to an area landfill.

The ash collection and disposal system used at a wood-fired facility will depend on the state and local environmental regulations, the cost of the required equipment and the project budget.

Overall, the most important advice to potential wood energy users concerning air emissions and ash disposal regulations is to contact the appropriate environmental agencies before purchasing or installing any equipment. Identify any regulations that may apply to the facility, and talk to the people who will be responsible for approving compliance of wood-fired facilities in your area. There are numerous examples of firms and institutions that have negotiated an air emissions package with the proper authorities that: satisfies all interested parties, is affordable, and is cost-effective for the wood energy user.

Wood Energy System Financing Options

Typically, wood energy systems are financed by the firm requiring the steam or electricity produced. These projects are financed through the normal capital budgeting process. Although conventional financing is most commonly used, other options are available including leasing, third party ownership and project finance, and tax exempt financing.

Conventional Financing

Most projects are financed by the firm consuming the steam or electricity generated by the wood energy system. Firms generating their own energy requirements must invest in boiler-room equipment and periodically these systems must be replaced and repaired. Conventional financing refers to the use of retained earnings, debt or equity to raise funds for such investments.

Conventional financing methods affect the financial positions of the firm. The plant and equipment purchased becomes an asset while the debt or equity issued becomes part of the firm's capitalization. Annual interest and dividend payments appear as expenses on the company's income statement. Hence, capital investment projects must be planned well in advance and their effect on the financial structure of the firm clearly understood.

The cost of conventional financing is a function of the capital market instrument used and investor's perceptions of risk. Large companies can generate investment funds by retaining earnings or issuing debt or stock. Smaller firms can also retain earnings, but their ability to issue new stocks or bonds is sometimes limited. More often, retained earnings are supplemented with short- and long-term bank loans. Generally, debt financing is cheapest because interest payments are tax deductible. Retained earnings and equity are more expensive.

Also, the better the financial position of a company, the lower its cost of capital, because investors can be more certain that their investments are safe. Highly leveraged or unprofitable companies have to guarantee a much higher return on investment.

Leasing

In a lease arrangement, the energy user receives the right to operate the system, but does not hold title to the property. The lessor owns the assets and charges the energy user a leasing fee. Leases are typically financed by institutional lenders such as investment banks or leasing companies. The lessor gains the tax benefits of

depreciation and also earns a rate of return on the project. In leveraged leasing, the lessor borrows money to purchase the property to be leased.

Leasing can be attractive to an energy user since it can improve corporate cash flow in the early years of the lease by reducing the size of the annual payment. For the energy user, a lease can be less expensive than purchasing equipment, particularly if the lessee cannot take advantage of the tax benefits of depreciation or interest.

Third Party Ownership and Project Financing

One innovative financing alternative is third party ownership. Under this method, the third party sells steam and electricity generated by the wood-fired system to the local plant and/or utility while retaining ownership of the equipment. The energy products are typically priced lower than the local utility rates or at a discount relative to conventional fuel prices. Thus, the energy consumer obtains the benefit of lower energy costs without any investment risk. The third party earns a return from sales revenues and also retains the tax benefits of equipment ownership.

The third party can be an equipment manufacturer, engineering construction firm, project developer or electric utility. Utilities, however, are limited to 50% ownership if the facility is to qualify for PURPA benefits.

The equipment owner can borrow to finance the purchase of equipment and utilize a portion of the revenues derived from energy sales to repay the loan. In this manner the third party utilizes "off the balance sheet" project finances so that the economics of the project do not affect its financial position.

Third party ownership requires a long-term arrangement with the energy user. The plant owner must agree to provide thermal and electric energy over a long period of time, perhaps ten years. Alternatively, thermal power can be sold to the energy user and electricity sold to the local utility. Contracts must specify quantity and price. Usually they contain provisions for changes in price. Contingencies for force majeure and other events must be specified.

Such contracts can be complex and difficult to negotiate. The key element is price. It must be low enough that the energy user saves money over the life of the contract, but high enough to provide the third party with an

adequate rate of return. When the operator of the plant is not the third party, the terms of the agreement must protect the interests of the owner. Contracts should contain provisions with incentives to control fuel costs and other expenses.

Tax-Exempt Financing

The energy user may be able to arrange tax-exempt financing. In some states and localities, wood energy projects are given the opportunity to raise capital by issuing tax-exempt bonds. Bond holders receive interest that is exempt from federal and state income taxes. Thus, investors will accept a lower return, reducing the cost of borrowing to the issuer. It is possible to finance a project with a 25% to 30% savings in interest expenses. However, tax-exempt financing can preclude obtaining certain tax benefits.

THE DECISIONMAKING PROCESS

Simple Guidelines For Your Economic and Technical Feasibility Assessments

In considering wood-energy conversion, many decisions must be made regarding woodfuel supply, engineering and design, configuration and financing the energy system. The order in which decisions are made is almost as important as the actual decisions themselves. However, do not be overwhelmed by the amount of information and decisions you must handle.

The decisionmaking process consists of four basic steps. It does not hurt to initiate a wood-energy evaluation. You may stop the investigation at any time, should wood not appear to be a favorable investment for your firm.

Step One: Evaluate Options

- Review the operation, maintenance, performance and cost of the existing energy system and consider options for modifying the existing boiler.
- Investigate the availability and evaluate the cost of alternative fuels, including coal, gas, wood, etc.
- With the help of the state energy office, conduct a preliminary cost analysis of wood and other fuels. The energy office can provide a quick and easy-to-use computerized economic analysis model.

Step Two: Learn From Others

- If wood appears cost-effective, obtain a list from the state energy office of wood-fired installations with energy demands similar to your own. Visit the plants and talk with the owners and plant operators.
- Locate woodfuel sources and develop option agreements or contracts with suppliers. If woodfuel is not available at an appropriate price, the project will be unfeasible.
- Determine if wood conversion is cost-effective involving other decisionmakers in the review and decide whether to commit management time and company resources to further study and to hire consultants or engineers.

Step Three: Select Equipment

- Develop a solicitation for the design and installation of your system. Use a three-phase contract with each phase contingent on the successful completion of the previous phase. Include:
 - * detailed assessment of conversion opportunities;
 - * detailed engineering and equipment specifications; and
 - * installation and start-up plan for the facility.
- Hire an engineering or consulting firm experienced with wood conversions, preferably in a similar application.
- Select the equipment configuration and supplier appropriate for your operation.

Step Four: Go For IT!

- After equipment selection, contact the state air pollution office for standards and permit applications. Obtain necessary permits prior to committing to purchase and construction.
- Install the system, maintaining your existing system until the new system is on line (unless installed during scheduled downtime).
- Obtain the necessary training for physical plant staff and begin operation.

Section Two:

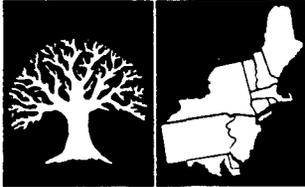
**Comprehensive List of
Wood Energy Users**

SECTION TWO: COMPREHENSIVE LIST OF WOOD ENERGY USERS -
ORGANIZED BY STATE

This section consists of a comprehensive list of approximately 400 industries, businesses, institutions and utility companies that use wood and wood wastes for fuel. The list covers the eleven-state Northeast region, and is presented in the following order: Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island and Vermont.

The comprehensive list is organized alphabetically by state and includes the facility's name, location, contact person, telephone, type of industry or business, boiler size and number of employees.

The information presented in this list is based on extensive survey research completed in 1986 and follow-up efforts completed in 1987-88. The list includes the most complete information available at the time of publication, and is based on written and telephone responses from managers and physical plant staff at the facilities. Where possible, information provided by the firm or institution was supplemented with information available from state air permit agencies or articles and speeches featured in technical and engineering publications.



COMPANY/INSTITUTION Berol U.S.A.

Address Eagle Road

City Danbury

Contact Frank Ketchum

Type of Business Wood Related Industry

Number of Employees 300

State CT Zip 06810

Title Mfg Adm

Telephone 203-744-0000

Boiler (MMBTU/hr) 5.0

COMPANY/INSTITUTION Blue Triangle Hardwoods

Address PO Box 349

City Higganum

Contact Andrew Becker

Type of Business Wood Related Industry

Number of Employees 100

State CT Zip 06441

Title Treasurer

Telephone 203-345-8306

Boiler (MMBTU/hr)

COMPANY/INSTITUTION Bridge Mfg. Company

Address PO Box 2404

City Enfield

Contact William Hurley

Type of Business Misc.

Number of Employees 100

State CT Zip 06082

Title Asst Sec/Tr

Telephone 203-749-8308

Boiler (MMBTU/hr)

COMPANY/INSTITUTION Custom Pallets Co.

Address 110 North Plains

City Wallingford

Contact Louis Apuzzo

Type of Business Wood Related Industry

Number of Employees 2

State CT Zip 06492

Title Mgr

Telephone 203-265-5359

Boiler (MMBTU/hr)

COMPANY/INSTITUTION E.E. Dickinson Company

Address 31 North Main Street

City Essex

Contact Richard Kirpas

Type of Business Non-Wood Related Industry

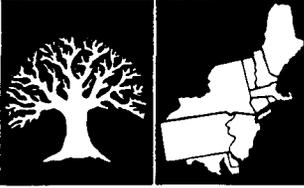
Number of Employees

State CT Zip 06426

Title VP/Tech Dir

Telephone 203-767-8261

Boiler (MMBTU/hr)



COMPANY/INSTITUTION Hitchcock Chair Company
Address PO Box 507
City New Hartford
Contact Doug Kenneson
Type of Business Wood Related Industry
Number of Employees 335

State CT Zip 06065
Title Plt Eng
Telephone 203-379-8531
Boiler (MMBTU/hr) 9.0

COMPANY/INSTITUTION Hull Forest Products
Address RR 1 Box 106
City Pomfret Center
Contact William B. Hull
Type of Business Wood Related Industry
Number of Employees 37

State CT Zip 06259
Title Pres.
Telephone 203-974-0127
Boiler (MMBTU/hr) 4.1

COMPANY/INSTITUTION O.F. Mossberg & Sons, Inc
Address 7 Grasso Avenue
City North Haven
Contact Paul DeRosa
Type of Business Wood Related Industry
Number of Employees 275

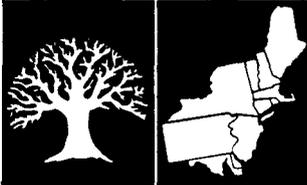
State CT Zip 06473
Title Ast Ctrl
Telephone 203-288-6491
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Rossi Corporation
Address P.O. Box 309
City Higganum
Contact Andy Becker
Type of Business Wood Related Industry
Number of Employees

State CT Zip 06441
Title Att/Trea
Telephone 203-345-4561
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Wm. Pinchbeck Inc.
Address 929 Boston Post Road
City Guilford
Contact William Pinchbeck
Type of Business Greenhouse/Nursery
Number of Employees 25

State CT Zip 06437
Title Owner
Telephone 203-453-2186
Boiler (MMBTU/hr) 10.0



COMPANY/INSTITUTION A.C. Lawrence Leather Co.
Address PO Box C-5
City Danvers
Contact R.R. Abate
Type of Business Non-Wood Related Industry
Number of Employees 160

State MA Zip 01923
Title
Telephone 617-774-2400
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Brentwood Furniture Inc.
Address 115 Hale St
City Haverhill
Contact Tim Barry
Type of Business Wood Related Industry
Number of Employees 130

State MA Zip 01830
Title Controlr
Telephone 617-374-0775
Boiler (MMBTU/hr) 13.8

COMPANY/INSTITUTION Conant Ball Co.
Address 60 W Lynde St
City Gardner
Contact J Dabuliewicz
Type of Business Non-Wood Related Industry
Number of Employees

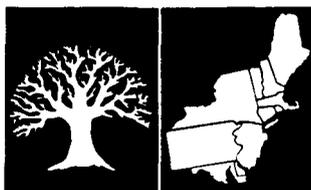
State MA Zip 01440
Title Plt Eng
Telephone 617-632-1195
Boiler (MMBTU/hr) 11.2

COMPANY/INSTITUTION Cooley Dickinson Hospital
Address 20 Locust St.
City Northampton
Contact Fred MacInnis
Type of Business Hospital/Health Care
Number of Employees

State MA Zip 01060
Title Chief Eng.
Telephone 413-584-4090
Boiler (MMBTU/hr) 20.0

COMPANY/INSTITUTION Cummington Mfg. Co.
Address R R 1 Box 7
City Cummington
Contact Richard Wolf
Type of Business Wood Related Industry
Number of Employees 8

State MA Zip 01026
Title Pres
Telephone 413-634-5540
Boiler (MMBTU/hr)



COMPANY/INSTITUTION Dirth Lumber Home & Cente
Address Rt 2A
City Orange
Contact Sid Mann
Type of Business Wood Related Industry
Number of Employees 7

State MA Zip 01364
Title Pres.
Telephone 617-575-0427
Boiler (MMBTU/hr) 1.0

COMPANY/INSTITUTION E. Norris Browne Co., Inc
Address P O Box 431
City Whitman
Contact Dayne Linn
Type of Business Wood Related Industry
Number of Employees 55

State MA Zip 02382
Title Plant Super.
Telephone 617-447-4464
Boiler (MMBTU/hr) 2.0

COMPANY/INSTITUTION Energy Management Inc.
Address 200 Boylston Street
City Chestnut Hill
Contact Paul Maloney
Type of Business Public/Private Utility
Number of Employees

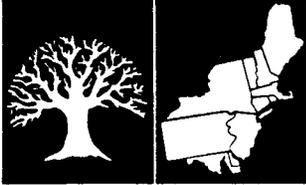
State MA Zip 02167
Title VP
Telephone 617-964-7230
Boiler (MMBTU/hr)

COMPANY/INSTITUTION F. W. Lombard
Address 34 Pleasant Street
City S. Ashburnham
Contact Fred Mellin
Type of Business Wood Related Industry
Number of Employees

State MA Zip 01466
Title Pres
Telephone 617-827-5333
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Forest Products Assoc.
Address 75 Oak Hill Road
City Greenfield
Contact Lee Fiske
Type of Business Wood Related Industry
Number of Employees 5

State MA Zip 01301
Title Pres.
Telephone 413-772-6833
Boiler (MMBTU/hr) 3.3



COMPANY/INSTITUTION G & S Mill Inc.

Address 75 Otis Street

City Northborough

Contact Paul Kalenian

Type of Business Wood Related Industry

Number of Employees

State MA

Zip 01532

Title Pres

Telephone 617-393-9266

Boiler (MMBTU/hr) 1.0

COMPANY/INSTITUTION Hatheway & Patterson

Address 15 County St Box 177

City Mansfield

Contact Bill Haynes

Type of Business Wood Related Industry

Number of Employees 43

State MA

Zip 02048

Title Mgr

Telephone 617-339-8934

Boiler (MMBTU/hr) 2.0

COMPANY/INSTITUTION Holt & Bugbee Co.

Address P.O. Box 37

City Tewksbury

Contact Bill Collins

Type of Business Wood Related Industry

Number of Employees

State MA

Zip 01876

Title Ctrlr

Telephone 617-851-7201

Boiler (MMBTU/hr) 20.0

COMPANY/INSTITUTION Keyes Rose

Address 374 Russell St

City Hadley

Contact Bob Keyes

Type of Business Greenhouse/Nursery

Number of Employees

State MA

Zip 01035

Title Owner

Telephone 413-584-2110

Boiler (MMBTU/hr) 20.0

COMPANY/INSTITUTION Livingstone Mfg. Co.

Address 36 River Street

City Winchendon

Contact Judy Gauthier

Type of Business Wood Related Industry

Number of Employees

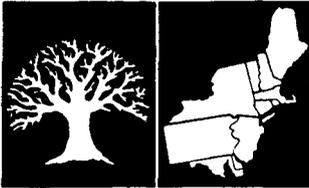
State MA

Zip 01475

Title Mgr

Telephone 617-297-0969

Boiler (MMBTU/hr) 1.6



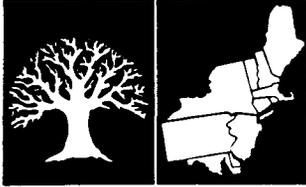
COMPANY/INSTITUTION M.H. Parks Co.
Address Box 307
City Winchendon State MA Zip 01475
Contact Martin Parks Title Owner
Type of Business Wood Related Industry Telephone 617-297-0012
Number of Employees Boiler (MMBTU/hr) 2.9

COMPANY/INSTITUTION Mohawk Plastics
Address Industrial Drive
City Turner's Falls State MA Zip 01376
Contact Phil Phillips Title Chief Eng
Type of Business Non-Wood Related Industry Telephone 413-863-2225
Number of Employees 35 Boiler (MMBTU/hr) 15.0

COMPANY/INSTITUTION Montgomery Rose Co, Inc.
Address 350 Russell St
City Hadley State MA Zip 01035
Contact Ted Johnson Title Pres
Type of Business Greenhouse/Nursery Telephone 413-584-4273
Number of Employees 70 Boiler (MMBTU/hr) 48.0

COMPANY/INSTITUTION N. D. Cass Company
Address 62 Canal St
City Athol State MA Zip 01330
Contact Michael Coughlan Title Mgr
Type of Business Wood Related Industry Telephone 617-249-3205
Number of Employees Boiler (MMBTU/hr) 2.2

COMPANY/INSTITUTION Nichols & Stone Inc.
Address 232 Sherman St
City Gardner State MA Zip 01440
Contact Peter Genis Title Eng
Type of Business Wood Related Industry Telephone 617-632-2827
Number of Employees Boiler (MMBTU/hr)



COMPANY/INSTITUTION Northfield Mt. Hermon
Address Buildings & Grounds
City Northfield
Contact George West
Type of Business School/College/Univ.
Number of Employees 1150

State MA Zip 01360
Title Bld Dir
Telephone 413-498-5311
Boiler (MMBTU/hr) 12.0

COMPANY/INSTITUTION Peck Lumber Company
Address Box 609
City Westfield
Contact Stuart Young Jr
Type of Business Wood Related Industry
Number of Employees

State MA Zip 01086
Title Gen Mgr
Telephone 413-562-9651
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Plycraft Inc.
Address P.O. Box 1229
City Lawrence
Contact Paul Goldman
Type of Business Wood Related Industry
Number of Employees

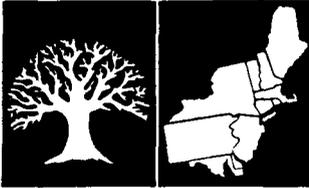
State MA Zip 01842
Title Pres.
Telephone 617-686-9571
Boiler (MMBTU/hr)

COMPANY/INSTITUTION S. Bent & Brother Inc.
Address 85 Winter Street
City Gardner
Contact Earl Myntti
Type of Business Wood Related Industry
Number of Employees

State MA Zip 01440
Title Plt Eng
Telephone 617-632-4300
Boiler (MMBTU/hr) 20.0

COMPANY/INSTITUTION Shelburne Center Greenhou
Address Bardwells Ferry Road
City Shelburne
Contact Jim Richardson
Type of Business Greenhouse/Nursery
Number of Employees 10

State MA Zip 01370
Title Owner
Telephone 413-625-2431
Boiler (MMBTU/hr) 2.0



COMPANY/INSTITUTION St. Joseph's Abbey
Address Rte 31
City Spencer
Contact Br. Paul F. Forster
Type of Business School/College/Univ.
Number of Employees 85

State MA Zip 01562
Title Manager
Telephone 617-885-3901
Boiler (MMBTU/hr) 8.0

COMPANY/INSTITUTION Temple Stuart Co. Inc.
Address Holman Street
City Baldwinville
Contact Peter Farrand
Type of Business Wood Related Industry
Number of Employees 160

State MA Zip 01436
Title Pers.Dir
Telephone 617-939-5342
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Tiffany Wood Products
Address 520 Washington St.
City Pembroke
Contact George Mackenzie
Type of Business Wood Related Industry
Number of Employees

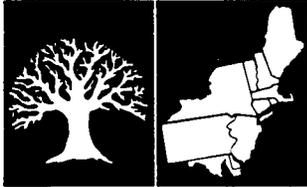
State MA Zip 02359
Title Pres
Telephone 617-826-3011
Boiler (MMBTU/hr) 7.0

COMPANY/INSTITUTION Tower Hill Farm
Address RR 1, Box 184
City Brimfield
Contact Peter Field
Type of Business Greenhouse/Nursery
Number of Employees 5

State MA Zip 01010
Title Owner
Telephone 413-245-9989
Boiler (MMBTU/hr) 2.0

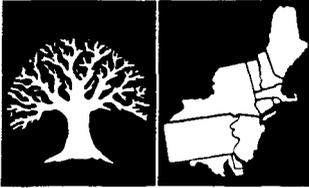
COMPANY/INSTITUTION Valley Tree Service Inc.
Address 1210 Salem Street
City Groveland
Contact Al Gates
Type of Business Wood Related Industry
Number of Employees

State MA Zip 01834
Title Pres
Telephone 617-374-7207
Boiler (MMBTU/hr) 1.0



COMPANY/INSTITUTION Williams Per. Gardens
Address 163 S Main St
City Sherborn
Contact Bill Williams
Type of Business Greenhouse/Nursery
Number of Employees

State MA Zip 01770
Title Owner
Telephone 617-653-0070
Boiler (MMBTU/hr) 0.5



COMPANY/INSTITUTION Chesapeake Plywood, Inc.
Address PO Box 148
City Pocomoke City
Contact Edward Carter
Type of Business Wood Related Industry
Number of Employees

State MD Zip 30195
Title Gen Mgr
Telephone 301-957-1501
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Dorchester Lumber Co.
Address P.O.Box 98
City Linkwood
Contact Gerald Dickerson
Type of Business Wood Related Industry
Number of Employees

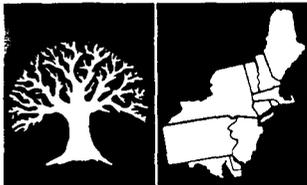
State MD Zip 21835
Title Mgr
Telephone 301-228-1530
Boiler (MMBTU/hr)

COMPANY/INSTITUTION E. Correctional Institute
Address 301 W. Preston St
City Baltimore
Contact Frank Farlow
Type of Business Public/Private Utility
Number of Employees

State MD Zip 21201
Title Proj Mgr
Telephone 301-225-4350
Boiler (MMBTU/hr) 50.0

COMPANY/INSTITUTION J.V. Wells, Inc.
Address Box 526
City Sharptown
Contact J.V. Wells
Type of Business Wood Related Industry
Number of Employees 120

State MD Zip 21861
Title President
Telephone 301-883-3196
Boiler (MMBTU/hr) 24.0



COMPANY/INSTITUTION 7th Day Adventist Church
Address Fore St.
City Portland
Contact William Snow
Type of Business Public Facility
Number of Employees

State ME Zip 04270
Title
Telephone 207-743-9305
Boiler (MMBTU/hr)

COMPANY/INSTITUTION A.R. Lavalley, Inc.
Address PO Box P
City Sanford
Contact Terry Walters
Type of Business Wood Related Industry
Number of Employees 150

State ME Zip 04073
Title Forester
Telephone 207-324-3350
Boiler (MMBTU/hr) 24.0

COMPANY/INSTITUTION Andover Wood Products
Address P.O. Box 38 N. Main
City Andover
Contact G.A. Mahler
Type of Business Wood Related Industry
Number of Employees 118

State ME Zip 04216
Title P.A.
Telephone 207-392-2101
Boiler (MMBTU/hr) 7.5

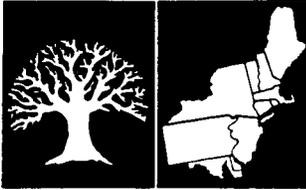
COMPANY/INSTITUTION Appleton Village School
Address RR 1 Box 150
City Union
Contact Carol Lariviere
Type of Business School/College/Univ.
Number of Employees 20

State ME Zip 04862
Title Prin.
Telephone 207-785-4504
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Babcock Ultrapower
Address PO Box 317
City W. Enfield
Contact Roger Day
Type of Business Public/Private Utility
Number of Employees 23

1 of 2

State ME Zip 04493
Title Plt Mgr
Telephone 207-732-4151
Boiler (MMBTU/hr) 83.6



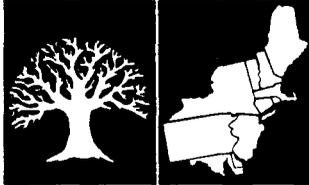
COMPANY/INSTITUTION Babcock Ultrapower 2 of 2
Address PO Box 41
City Jonesboro State ME Zip 05648
Contact Kevin Crossman Title Plant Mgr.
Type of Business Public/Private Utility Telephone 207-434-6500
Number of Employees Boiler (MMBTU/hr)

COMPANY/INSTITUTION Banton Inc.
Address 49 Main St
City Newport State ME Zip 04953
Contact David Crocker Title
Type of Business Misc. Telephone 207-368-4358
Number of Employees Boiler (MMBTU/hr)

COMPANY/INSTITUTION Bates College
Address Andrews Road
City Lewiston State ME Zip 04240
Contact Philip H. Meldrum Title Plt Eng
Type of Business School/College/Univ. Telephone 207-786-6207
Number of Employees 450 Boiler (MMBTU/hr) 300.0

COMPANY/INSTITUTION Bates Fabrics
Address
City Lewiston State ME Zip 04240
Contact Dan LeBreque Title Plt Mgr
Type of Business Non-Wood Related Industry Telephone 207-784-5022
Number of Employees Boiler (MMBTU/hr)

COMPANY/INSTITUTION Beaverwood Joint Venture
Address PO Box 130
City Lincoln State ME Zip 04457
Contact Kenneth Borneman Title Plant Mgr.
Type of Business Public/Private Utility Telephone 207-794-3024
Number of Employees Boiler (MMBTU/hr) 16.5



COMPANY/INSTITUTION Bethel Furniture Inc.
Address PO Box 9
City Bethel
Contact Tim McIntyre
Type of Business Wood Related Industry
Number of Employees

State ME Zip 04217
Title
Telephone 207-836-2624
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Boise Cascade Corp.
Address
City Rumford
Contact John P. Zollo
Type of Business Wood Related Industry
Number of Employees 1600

State ME Zip 04276
Title En. Mgr
Telephone 207-364-4521
Boiler (MMBTU/hr) 165.0

COMPANY/INSTITUTION C. F. Wells Inc.
Address PO Box 220
City Buckfield
Contact Calvin Wells
Type of Business Wood Related Industry
Number of Employees 20

State ME Zip 04220
Title Owner
Telephone 207-336-2400
Boiler (MMBTU/hr) 1.7

COMPANY/INSTITUTION C.B. Cummings & Sons
Address 5 Bridge Street
City Norway
Contact Ed Cummings
Type of Business Wood Related Industry
Number of Employees 200

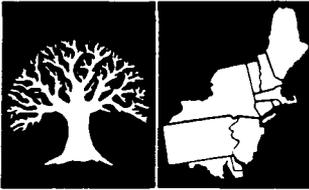
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State ME Zip 04268
Title VP
Telephone 207-743-6326
Boiler (MMBTU/hr) 11.0

COMPANY/INSTITUTION C.B. Cummings & Sons
Address 5 Bridge Street
City Norway
Contact Ed Cummings
Type of Business Wood Related Industry
Number of Employees 200

2 of 2

State ME Zip 04268
Title VP
Telephone 207-743-6326
Boiler (MMBTU/hr) 11.0



COMPANY/INSTITUTION Champion International
Address Greenfield Road
City Costigan
Contact John Doane
Type of Business Wood Related Industry
Number of Employees 92

State ME Zip 04423
Title Res Mgr.
Telephone 207-827-7131
Boiler (MMBTU/hr) 36.0

COMPANY/INSTITUTION Champion Paper Co.
Address River Road
City Bucksport
Contact John Chaisson
Type of Business Non-Wood Related Industry
Number of Employees

State ME Zip 04416
Title
Telephone 207-469-3131
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Clover Living Center
Address 440 Minot Ave
City Auburn
Contact Bill Gillis
Type of Business Hospital/Health Care
Number of Employees

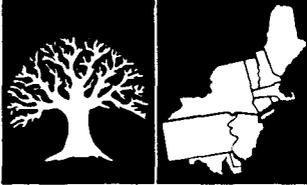
State ME Zip 04210
Title
Telephone 207-786-0106
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Colonial Acres Nurs. Home
Address Box 38
City Lincoln
Contact Gene Libby
Type of Business Hospital/Health Care
Number of Employees 70

State ME Zip 04457
Title Owner
Telephone 207-794-6534
Boiler (MMBTU/hr) 0.8

COMPANY/INSTITUTION Columbia Forest Products 2 of 2
Address PO Box 848
City Presque Isle
Contact John Sampson
Type of Business Wood Related Industry
Number of Employees

State ME Zip 04769
Title
Telephone 207-764-4428
Boiler (MMBTU/hr)



COMPANY/INSTITUTION Cousineau Lumber

Address Upper Main St.

City Strong

Contact Earnest Cousineau

Type of Business Wood Related Industry

Number of Employees

State ME

Zip 04983

Title Owner

Telephone 207-684-4444

Boiler (MMBTU/hr)

COMPANY/INSTITUTION Diamond International

Address

City Dixfield

Contact Mr. Drummond

Type of Business Wood Related Industry

Number of Employees

State ME

Zip 04224

Title

Telephone 207-562-4221

Boiler (MMBTU/hr)

COMPANY/INSTITUTION Diamond Match

Address

City West Peru

Contact Bernard Drury

Type of Business Wood Related Industry

Number of Employees

State ME

Zip 04290

Title Mtn. Sup

Telephone 207-562-4221

Boiler (MMBTU/hr)

COMPANY/INSTITUTION Diamond Occidental Corp.

Address P O Box 69

City Passadumkeag

Contact James R Foster

Type of Business Wood Related Industry

Number of Employees 143

State ME

Zip 04475

Title Plt Mgr

Telephone 207-732-3121

Boiler (MMBTU/hr) 6.0

COMPANY/INSTITUTION Dirigo Dowels

Address Box 548

City New Portland

Contact Gerald Strickland

Type of Business Wood Related Industry

Number of Employees 60

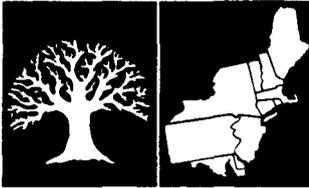
State ME

Zip 04954

Title Plt Mgr

Telephone 207-628-4101

Boiler (MMBTU/hr) 13.0



COMPANY/INSTITUTION Dirigo Lumber Co.
Address Box 303
City Greenville Jct.
Contact Doug Batchelder
Type of Business Wood Related Industry
Number of Employees 75

State ME Zip 04442
Title Gen Mgr
Telephone 207-695-2254
Boiler (MMBTU/hr) 23.0

COMPANY/INSTITUTION Ellsworth High School
Address
City Ellsworth
Contact Mr. Romer
Type of Business School/College/Univ.
Number of Employees

State ME Zip 04605
Title Plt Sup
Telephone 207-667-4722
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Elm Street School
Address
City Mechanic Falls
Contact Gary Porington
Type of Business School/College/Univ.
Number of Employees

State ME Zip 04256
Title Bldg Mgr
Telephone 207-345-8161
Boiler (MMBTU/hr) 6.4

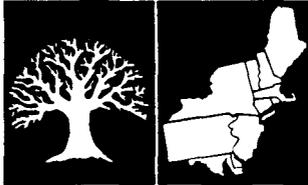
COMPANY/INSTITUTION Fairfield Energy Venture
Address PO Box 492
City Fort Fairfield
Contact Dana Smith
Type of Business Public/Private Utility
Number of Employees

State ME Zip 04742
Title Gen. Mgr.
Telephone 207-473-7592
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Forster Mfg Co.
Address Box 657
City Wilton
Contact Robert Sween
Type of Business Wood Related Industry
Number of Employees 250

2 of 4

State ME Zip 04294
Title Eng Mgr
Telephone 207-645-2574
Boiler (MMBTU/hr) 5.0



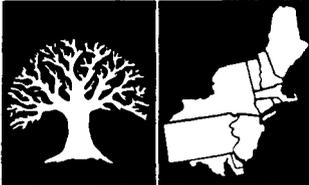
COMPANY/INSTITUTION Forster Mfg Co. 1 of 4
Address Depot Street
City Strong State ME Zip 04983
Contact Robert Sween Title Proj Eng
Type of Business Wood Related Industry Telephone 207-645-2574
Number of Employees 200 Boiler (MMBTU/hr) 25.0

COMPANY/INSTITUTION Forster Mfg Co. 4 of 4
Address
City Mattawaumkeg State ME Zip 04459
Contact Robert Sween Title Eng Mgr
Type of Business Wood Related Industry Telephone 207-645-2574
Number of Employees 175 Boiler (MMBTU/hr) 40.0

COMPANY/INSTITUTION Forster Mfg Co. 3 of 4
Address
City E. Wilton State ME Zip 04294
Contact Robert Sween Title Eng Mgr
Type of Business Wood Related Industry Telephone 207-645-2574
Number of Employees 150 Boiler (MMBTU/hr) 8.0

COMPANY/INSTITUTION Georgia Pacific Corp.
Address Mill St
City Woodland State ME Zip 04694
Contact Ken Gordon Title Plt Eng
Type of Business Wood Related Industry Telephone 207-427-3311
Number of Employees Boiler (MMBTU/hr)

COMPANY/INSTITUTION Gilbert Mfg. Corp.
Address PO Box 165, Rt 26
City Locke Mills State ME Zip 04255
Contact Duane Gilbert Title Mgr
Type of Business Wood Related Industry Telephone 297-875-2301
Number of Employees 100 Boiler (MMBTU/hr) 6.0



COMPANY/INSTITUTION Gorbell Thermo Electron
Address
City Athens
Contact Gordon Linkletter
Type of Business Non-Wood Related Industry
Number of Employees

State ME Zip 04912
Title Pres
Telephone 207-654-2301
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Green Lake Fish Hatchery
Address U.S. Fish & Wildlife
City Ellsworth
Contact Bernard Dennison
Type of Business Non-Wood Related Industry
Number of Employees

State ME Zip 04605
Title Mgr
Telephone 207-667-9531
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Greenville Steam Company
Address PO Box 298
City Greenville Jct
Contact Angus King
Type of Business Public/Private Utility
Number of Employees

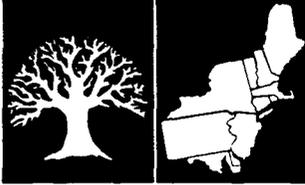
State ME Zip 04442
Title
Telephone 207-695-2125
Boiler (MMBTU/hr) 52.9

COMPANY/INSTITUTION Guilford Industries
Address PO Box 179
City Guilford
Contact Maurice Yonkin
Type of Business Non-Wood Related Industry
Number of Employees 800

State ME Zip 04443
Title Fac. Engr.
Telephone 207-876-3331
Boiler (MMBTU/hr) 33.5

COMPANY/INSTITUTION Hanover Dowel
Address
City Bethel
Contact Robert Saunders
Type of Business Wood Related Industry
Number of Employees

State ME Zip 04217
Title
Telephone 207-824-2191
Boiler (MMBTU/hr)



COMPANY/INSTITUTION Hardwood Products Co.
Address PO Box 149
City Guilford
Contact Austin Deane
Type of Business Wood Related Industry
Number of Employees 250

State ME Zip 04443
Title Supt.
Telephone 207-876-3311
Boiler (MMBTU/hr) 5.0

COMPANY/INSTITUTION Hollis Baptist Church
Address Rte 117
City Hollis Center
Contact Gene Thompson
Type of Business Public Facility
Number of Employees

State ME Zip 04042
Title
Telephone 207-929-4714
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Houlton Internat. Corp.
Address Box 550
City Houlton
Contact Bruce Collett
Type of Business Wood Related Industry
Number of Employees 62

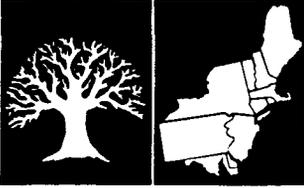
State ME Zip 04730
Title VP
Telephone 207-532-2257
Boiler (MMBTU/hr) 10.0

COMPANY/INSTITUTION International Paper Co. 1 of 4
Address Androscoggin Mill
City Jay
Contact Jim Grippe
Type of Business Wood Related Industry
Number of Employees 1300

State ME Zip 04239
Title Mgr
Telephone 207-897-3431
Boiler (MMBTU/hr) 15.7

COMPANY/INSTITUTION J. Paul Levesque & Sons
Address PO Drawer U
City Ashland
Contact J Paul Levesque
Type of Business Misc.
Number of Employees

State ME Zip 04732
Title Pres
Telephone 207-435-8291
Boiler (MMBTU/hr)



COMPANY/INSTITUTION J.R. Mains Co.
Address S. High St - Box 313
City Bridgton
Contact James R. Mains
Type of Business Wood Related Industry
Number of Employees 31

State ME Zip 04009
Title VP
Telephone 207-647-8488
Boiler (MMBTU/hr) 2.0

COMPANY/INSTITUTION Jackson Laboratory
Address Otter Creek Rd
City Bar Harbor
Contact Steve King
Type of Business Hospital/Health Care
Number of Employees 500

State ME Zip 04069
Title Eng Mgr
Telephone 207-288-3371
Boiler (MMBTU/hr) 27.0

COMPANY/INSTITUTION James River Corp. 2 of 2
Address
City Old Town
Contact George Robertson
Type of Business Wood Related Industry
Number of Employees

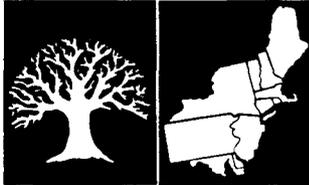
State ME Zip 04468
Title Eng Mgr
Telephone 207-827-7711
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Keyes Fiber
Address College Ave.
City Waterville
Contact Steve McGraw
Type of Business Wood Related Industry
Number of Employees 900

State ME Zip 04901
Title Plt Mgr
Telephone 207-873-3351
Boiler (MMBTU/hr) 70.0

COMPANY/INSTITUTION Least Financing Corp
Address PO Box 7087
City Lewiston
Contact Dan Lebrecque
Type of Business Public/Private Utility
Number of Employees 20

State ME Zip 04240
Title Plt Mgr
Telephone 207-784-5022
Boiler (MMBTU/hr) 80.0



COMPANY/INSTITUTION Limington Lumber Co.
Address
City E. Baldwin
Contact Winn Smith
Type of Business Wood Related Industry
Number of Employees 28

State ME Zip 04024
Title Mgr
Telephone 207-625-3286
Boiler (MMBTU/hr) 2.5

COMPANY/INSTITUTION Lufkin Anson
Address PO Box 140
City Madison
Contact Cecil Cross
Type of Business Misc.
Number of Employees 35

State ME Zip 04950
Title
Telephone 207-696-4496
Boiler (MMBTU/hr) 10.0

COMPANY/INSTITUTION M.S. Hancock, Inc.
Address PO Box 8, Rte 121
City Casco
Contact Wayne York
Type of Business Wood Related Industry
Number of Employees 350

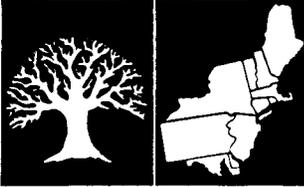
State ME Zip 04015
Title VP
Telephone 207-627-4201
Boiler (MMBTU/hr) 6.7

COMPANY/INSTITUTION ME Woodturning Inc.
Address Box 268
City New Vineyard
Contact Wayne Fletcher
Type of Business Wood Related Industry
Number of Employees 45

State ME Zip 04956
Title Mgr
Telephone 207-652-2441
Boiler (MMBTU/hr) 9.8

COMPANY/INSTITUTION Madison Paper Industries
Address PO Box 129
City Madison
Contact Christopher Bean
Type of Business Wood Related Industry
Number of Employees 300

State ME Zip 04950
Title Eng. Mgr
Telephone 207-696-3307
Boiler (MMBTU/hr) 117.5



COMPANY/INSTITUTION Maine Audubon Society
Address 118 US Route One
City Falmouth
Contact Micheal Cline
Type of Business Misc.
Number of Employees 32

State ME Zip 04105
Title Forestry Dir
Telephone 207-781-2330
Boiler (MMBTU/hr) 0.2

COMPANY/INSTITUTION Moosehead Mfg. Company 2 of 3
Address PO Box 287
City Monson
Contact Bill Wentworth
Type of Business Wood Related Industry
Number of Employees 220

State ME Zip 04464
Title Pres
Telephone 207-997-3621
Boiler (MMBTU/hr) 2.5

COMPANY/INSTITUTION Moosehead Mfg. Company 3 of 3
Address 2 Monument Square
City Dover Foxcroft
Contact Frank Johnson
Type of Business Wood Related Industry
Number of Employees 94

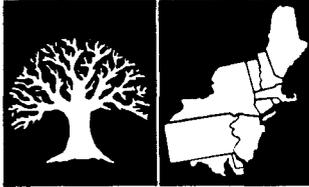
State ME Zip 04426
Title supt
Telephone 207-564-2222
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Moosehead Mfg. Company 1 of 3
Address PO Box 287
City Monson
Contact Bill Wentworth
Type of Business Wood Related Industry
Number of Employees 130

State ME Zip 04464
Title Pres.
Telephone 207-997-3621
Boiler (MMBTU/hr) 5.0

COMPANY/INSTITUTION N. Anson Reel Co.
Address Union Street
City Anson
Contact Dave Adams
Type of Business Wood Related Industry
Number of Employees 150

State ME Zip 04958
Title Mgr
Telephone 207-635-2101
Boiler (MMBTU/hr) 14.5



COMPANY/INSTITUTION Natural Res. Cncil of ME
Address 271 State Street
City Augusta
Contact Mark Ishkanian
Type of Business Misc.
Number of Employees 14

State ME Zip 04333
Title Ast Dir
Telephone 207-622-3101
Boiler (MMBTU/hr) 1.5

COMPANY/INSTITUTION Newton & Tebbets, Inc.
Address PO Box 816
City Bethel
Contact Roy Newton
Type of Business Wood Related Industry
Number of Employees 80

State ME Zip 04217
Title Owner
Telephone 207-836-2336
Boiler (MMBTU/hr) 1.7

COMPANY/INSTITUTION Old Town Canoe
Address 58 Middle Street
City Oldtown
Contact Richard Stevenson
Type of Business Non-Wood Related Industry
Number of Employees 55

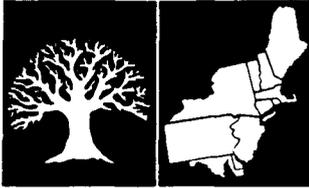
State ME Zip 04468
Title Bldg Mgr
Telephone 207-827-5513
Boiler (MMBTU/hr) 10.0

COMPANY/INSTITUTION PH Chadbourne & Co.
Address Rt 26, PO Box 27
City Bethel
Contact Bob Chadbourne
Type of Business Wood Related Industry
Number of Employees

State ME Zip 04217
Title Pres.
Telephone 207-824-2166
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Paris Industries Corp.
Address Box 250
City South Paris
Contact Richard Campbell
Type of Business Wood Related Industry
Number of Employees 150

State ME Zip 04281
Title Mgr
Telephone 207-743-5111
Boiler (MMBTU/hr) 16.3



COMPANY/INSTITUTION Peavey Mfg. Co.

Address PO Box 129

City E. Eddington

Contact Rodney Buswell

Type of Business Wood Related Industry

Number of Employees

State ME

Zip 04428

Title VP

Telephone 207-843-7861

Boiler (MMBTU/hr) 1.0

COMPANY/INSTITUTION Penley Corp.

Address

City W. Paris

Contact H.D. Penley

Type of Business Wood Related Industry

Number of Employees

State ME

Zip 04289

Title Owner

Telephone 207-674-2501

Boiler (MMBTU/hr)

COMPANY/INSTITUTION Pinkham Lumber Company

Address PO Box 0

City Ashland

Contact Ralph Dwyer

Type of Business Wood Related Industry

Number of Employees 9

State ME

Zip 04732

Title Mgr

Telephone 207-435-3281

Boiler (MMBTU/hr) 60.0

COMPANY/INSTITUTION Pinkham's Plantation

Address Biscay Road

City Damariscotta

Contact Alan Pinkham

Type of Business Misc.

Number of Employees

State ME

Zip 04543

Title Owner

Telephone 207-563-5009

Boiler (MMBTU/hr)

COMPANY/INSTITUTION Poland Community School

Address

City Poland

Contact Bernard Lothrop

Type of Business School/College/Univ.

Number of Employees

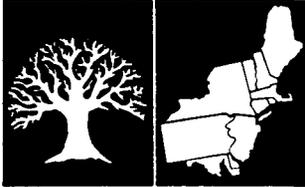
State ME

Zip 04274

Title Bldg Mgr

Telephone 207-998-4915

Boiler (MMBTU/hr) 0.6



COMPANY/INSTITUTION Robbins Lumber, Inc.
Address Ghent Road
City Searsmont
Contact Bruce McLaughlin
Type of Business Wood Related Industry
Number of Employees 125

State ME Zip 04973
Title Mgr
Telephone 207-342-5221
Boiler (MMBTU/hr) 32.2

COMPANY/INSTITUTION S.D. Warren Company 1 of 2
Address PO Box 5000
City Westbrook
Contact David B. Clement
Type of Business Wood Related Industry
Number of Employees 2000

State ME Zip 04092
Title Asst. Mgr
Telephone 207-856-6911
Boiler (MMBTU/hr) 650.0

COMPANY/INSTITUTION S.D. Warren Company 2 of 2
Address RFD 3
City Skowhegan
Contact Dennis Vickers
Type of Business Wood Related Industry
Number of Employees

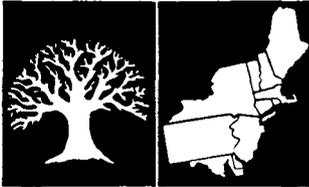
State ME Zip 04976
Title Engineer
Telephone 207-453-9301
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Saco Mfg. & Woodworking
Address 39 Lincoln St
City Saco
Contact Tony Jendrek
Type of Business Wood Related Industry
Number of Employees 5

State ME Zip 04072
Title Owner
Telephone 207-284-6613
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Saunders Brothers 2 of 2
Address 170 Forest Street
City Westbrook
Contact Robert Gregoire
Type of Business Wood Related Industry
Number of Employees 200

State ME Zip 04092
Title Mech Sup
Telephone 207-854-2551
Boiler (MMBTU/hr) 11.0



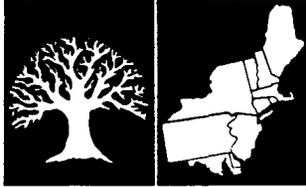
COMPANY/INSTITUTION Saunders Brothers 1 of 2
Address 170 Forest St
City Westbrook State ME Zip 04092
Contact Robert Gregoire Title Mech Sup
Type of Business Wood Related Industry Telephone 207-854-2551
Number of Employees 200 Boiler (MMBTU/hr) 4.0

COMPANY/INSTITUTION Scott Paper Company
Address
City Winslow State ME Zip 04901
Contact John Diche Title Mgr
Type of Business Non-Wood Related Industry Telephone 207-872-2751
Number of Employees Boiler (MMBTU/hr)

COMPANY/INSTITUTION Skillins Greenhouse
Address 89 Foreside Road
City Falmouth State ME Zip 04105
Contact John Skillins Title Owner
Type of Business Greenhouse/Nursery Telephone 207-781-3860
Number of Employees Boiler (MMBTU/hr)

COMPANY/INSTITUTION Sprowl Bros. Inc.
Address P.O. Box 100 Rt 131
City Searsmont State ME Zip 04973
Contact George Sprowl, Jr. Title Owner
Type of Business Wood Related Industry Telephone 207-342-5211
Number of Employees 40 Boiler (MMBTU/hr) 13.4

COMPANY/INSTITUTION St. Joseph's School
Address 393 Main Street
City Lewiston State ME Zip 04230
Contact Mary Moran Title Principal
Type of Business School/College/Univ. Telephone 207-784-8811
Number of Employees Boiler (MMBTU/hr)



COMPANY/INSTITUTION Stowell Wood Products
Address Grove Street
City Bryant Pond
Contact Bill Howe
Type of Business Wood Related Industry
Number of Employees 125

State ME Zip 04219
Title Mgr
Telephone 207-665-2433
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Strong Wood Turning Corp.
Address Upper Main St.
City Strong
Contact Gary Ellis
Type of Business Wood Related Industry
Number of Employees

State ME Zip 04983
Title Mgr
Telephone 207-684-3181
Boiler (MMBTU/hr)

COMPANY/INSTITUTION The Bare Wood Shop
Address RFD 1 Box 240
City Bangor
Contact Bruce Roberts
Type of Business Wood Related Industry
Number of Employees 2

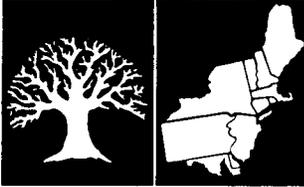
State ME Zip 04401
Title Owner
Telephone 207-945-3758
Boiler (MMBTU/hr) 0.4

COMPANY/INSTITUTION Thomaston Grammar School
Address
City Thomaston
Contact Richard N. Morse
Type of Business School/College/Univ.
Number of Employees 340

State ME Zip 04861
Title Custod.
Telephone 207-354-6353
Boiler (MMBTU/hr) 1.5

COMPANY/INSTITUTION U.S. Energy Corporation
Address P.O. Box 492
City Ft. Fairfield
Contact Richard Lombard
Type of Business Public/Private/Utility
Number of Employees 40

State ME Zip 04742
Title Bus. Mgr.
Telephone 207-473-7592
Boiler (MMBTU/hr)



COMPANY/INSTITUTION United Timber
Address Pine Street
City Dixfield
Contact Dixon Griffin
Type of Business Wood Related Industry
Number of Employees

State ME Zip 04224
Title v.p.
Telephone 207-562-7277
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Univ. of Maine
Address 107 Maine Avenue
City Bangor
Contact Robert King
Type of Business School/College/Univ.
Number of Employees

State ME Zip 04401
Title Safety Eng.
Telephone 207-947-0336
Boiler (MMBTU/hr) 1.0

COMPANY/INSTITUTION Univ. of Maine Farmington
Address 107 Maine Avenue
City Bangor
Contact Robert King
Type of Business School/College/Univ.
Number of Employees

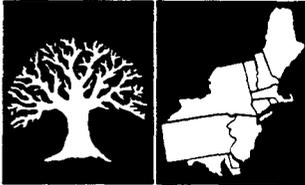
State ME Zip 04401
Title Saf.Eng.
Telephone 207-947-0336
Boiler (MMBTU/hr) 3.0

COMPANY/INSTITUTION Univ. of Maine Orono
Address Campus
City Orono
Contact Robert King
Type of Business School/College/Univ.
Number of Employees 50

State ME Zip 04469
Title Safety Eng.
Telephone 207-947-0336
Boiler (MMBTU/hr) 1.0

COMPANY/INSTITUTION Wheelabrator
Address
City Sherman Station
Contact Ray Soulard
Type of Business Wood Related Industry
Number of Employees 28

State ME Zip 04777
Title Plt Manager
Telephone 207-365-4251
Boiler (MMBTU/hr) 62.0

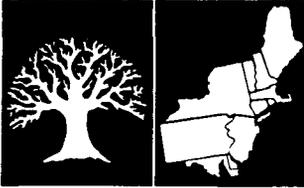


COMPANY/INSTITUTION Wilner Wood Products 2 of 2
Address Alpine Street
City Norway State ME Zip 04268
Contact John Haines Title Engineer
Type of Business Wood Related Industry Telephone 207-743-6361
Number of Employees 200 Boiler (MMBTU/hr) 32.0

COMPANY/INSTITUTION Wilner Wood Products 1 of 2
Address Alpine Street
City Norway State ME Zip 04268
Contact John Haines Title Eng.
Type of Business Wood Related Industry Telephone 207-743-6361
Number of Employees 275 Boiler (MMBTU/hr) 10.0

COMPANY/INSTITUTION Winthrop St. Univ. Church
Address 69 Winthrop Street
City Augusta State ME Zip 04330
Contact Dorothy Kimball Title Minister
Type of Business Public Facility Telephone 207-623-8361
Number of Employees Boiler (MMBTU/hr) 1.0

COMPANY/INSTITUTION Wood Structures
Address PO Box 347
City Biddeford State ME Zip 04005
Contact Bill Alcorn Title Pres.
Type of Business Wood Related Industry Telephone 207-282-7556
Number of Employees 250 Boiler (MMBTU/hr) 2.0



COMPANY/INSTITUTION A.F. Walker & Son, Inc.
Address Ashby Road
City New Ipswich
Contact David H. Tousignant
Type of Business Wood Related Industry
Number of Employees 20

State NH Zip 03071
Title Pres
Telephone 603-878-1216
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Alexandria Power Assoc.
Address PO Box 477
City Bristol
Contact Mat Postak
Type of Business Public/Private Utility
Number of Employees

State NH Zip 03222
Title Plant Mgr.
Telephone 603-744-6358
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Allen Rogers Corp.
Address Flagpole Road
City Andover
Contact Richard Hiller
Type of Business Wood Related Industry
Number of Employees

2 of 2

State NH Zip 03231
Title Plant Mgr.
Telephone 603-766-5258
Boiler (MMBTU/hr)

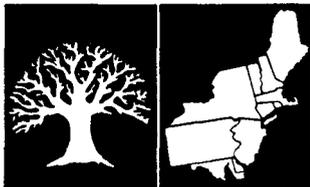
COMPANY/INSTITUTION Allen Rogers Corp.
Address East Side Road
City Wentworth
Contact Ed Ball
Type of Business Wood Related Industry
Number of Employees 20

1 of 2

State NH Zip 03282
Title Plt Mgr
Telephone 603-764-5575
Boiler (MMBTU/hr) 5.0

COMPANY/INSTITUTION Anthony Galluzzo Corp.
Address 7 Chester Road
City Derry
Contact Joseph Galluzzo
Type of Business Wood Related Industry
Number of Employees 35

State NH Zip 03038
Title President
Telephone 603-434-6140
Boiler (MMBTU/hr) 2.5



COMPANY/INSTITUTION Beaman Lumber Company
Address Rte 78
City Winchester
Contact Earl Beaman
Type of Business Wood Related Industry
Number of Employees

State NH Zip 03470
Title
Telephone 603-239-4558
Boiler (MMBTU/hr) 8.4

COMPANY/INSTITUTION Beebe River Wood Products
Address
City Beebe River
Contact S. Shaughnessy
Type of Business Wood Related Industry
Number of Employees 120

State NH Zip 03219
Title Sup For Op
Telephone 603-536-1080
Boiler (MMBTU/hr) 4.0

COMPANY/INSTITUTION Bingham Lumber Company
Address
City Brookline
Contact Don Bingham
Type of Business Wood Related Industry
Number of Employees

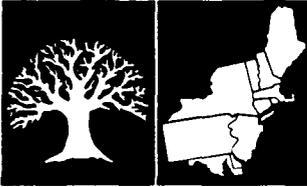
State NH Zip 03033
Title Owner
Telephone 603-673-4549
Boiler (MMBTU/hr) 5.0

COMPANY/INSTITUTION Bioenergy Corporation
Address Rt 127, RR 2, Box 85
City W. Hopkinton
Contact Harry Smith
Type of Business Public/Private Utility
Number of Employees 25

State NH Zip 03229
Title Plt Mgr.
Telephone 603-746-5833
Boiler (MMBTU/hr) 125.0

COMPANY/INSTITUTION Blanchflower Lumber
Address Box 267
City Alstead
Contact Donald Blanchflower
Type of Business Wood Related Industry
Number of Employees 30

State NH Zip 03602
Title Pres.
Telephone 603-835-6611
Boiler (MMBTU/hr) 2.2



COMPANY/INSTITUTION Breezy Hill Mfg. Co.
Address
City Bradford
Contact Ernest Nichols
Type of Business Wood Related Industry
Number of Employees 75

State NH Zip 03321
Title Plt Eng.
Telephone 603-938-5181
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Brentwood Box Company
Address RFD 1
City Freemont
Contact Howard B. Page
Type of Business Wood Related Industry
Number of Employees 3

State NH Zip 03044
Title Owner
Telephone 603-642-5281
Boiler (MMBTU/hr) 0.7

COMPANY/INSTITUTION Bridgewater Power Co.
Address PO Box 678 Rte 3
City Ashland
Contact Richard Lizotte
Type of Business Public/Private Utility
Number of Employees 20

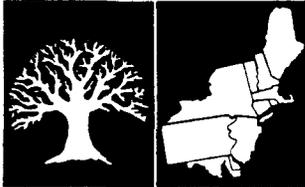
State NH Zip 03217
Title Plant Mgr.
Telephone 603-968-7174
Boiler (MMBTU/hr) 135.0

COMPANY/INSTITUTION Brown Street Furniture
Address P.O. Box 278
City Whitefield
Contact Peter Guest
Type of Business Wood Related Industry
Number of Employees 65

State NH Zip 03598
Title Pres
Telephone 603-837-2547
Boiler (MMBTU/hr) 3.6

COMPANY/INSTITUTION C.L. Lane Company
Address
City E. Swanzey
Contact
Type of Business Misc.
Number of Employees

State NH Zip 03446
Title
Telephone 603-352-4133
Boiler (MMBTU/hr)



COMPANY/INSTITUTION City of Keene H'way Dept.

Address

City Keene

Contact Les Bowen

Type of Business Public Facility

Number of Employees

State NH

Zip 03849

Title

Telephone 603-352-6550

Boiler (MMBTU/hr)

COMPANY/INSTITUTION Concord Steam Corp.

Address NH Hospital Garage

City Concord

Contact Sheldon Prescott

Type of Business Public/Private Utility

Number of Employees

State NH

Zip 03301

Title

Telephone 603-224-1461

Boiler (MMBTU/hr)

COMPANY/INSTITUTION Diamond International 2 of 2

Address NH Woodlands

City Groveton

Contact Elwood Haynes

Type of Business Wood Related Industry

Number of Employees

State NH

Zip 03581

Title

Telephone 603-636-1154

Boiler (MMBTU/hr)

COMPANY/INSTITUTION Doubleday Woodworking

Address Clark Road

City Tilton

Contact Bill Doubleday

Type of Business Wood Related Industry

Number of Employees

State NH

Zip 03276

Title

Telephone 603-286-4824

Boiler (MMBTU/hr)

COMPANY/INSTITUTION Dublin School

Address

City Dublin

Contact Terry Dwyer

Type of Business School/College/Univ.

Number of Employees

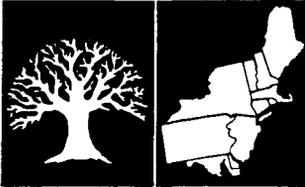
State NH

Zip 03444

Title Bus. Mgr.

Telephone 603-563-8584

Boiler (MMBTU/hr)



COMPANY/INSTITUTION Durgin & Crowell Lumber
Address Otterville Road
City New London
Contact Peter Crowell
Type of Business Wood Related Industry
Number of Employees

State NH Zip 03257
Title Proj Mgr
Telephone 603-763-2562
Boiler (MMBTU/hr) 40.0

COMPANY/INSTITUTION Elmendorf Board Corp.
Address RFD 2, River Road
City Claremont
Contact Rich Kinder
Type of Business Wood Related Industry
Number of Employees

State NH Zip 03743
Title
Telephone 603-542-9913
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Franklin Business Center
Address Main Street
City Franklin
Contact Phillip Daigneaux
Type of Business Non-Wood Related Industry
Number of Employees

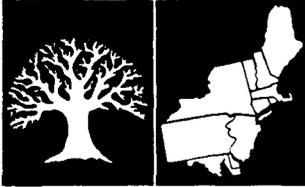
State NH Zip 03235
Title
Telephone 603-934-4202
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Frazier Furniture Co.
Address Rt 32
City Keene
Contact Richard H. Frazier
Type of Business Wood Related Industry
Number of Employees

State NH Zip 03431
Title Pres
Telephone 603-352-0337
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Hemphill Power and Light
Address P.O. Box 428
City Georges Mills
Contact Thomas W. Benz
Type of Business Public/Private Utility
Number of Employees 25

State NH Zip 03751
Title Plant Mgr.
Telephone 603-763-4750
Boiler (MMBTU/hr) 130.0



COMPANY/INSTITUTION Henniker Hardwood Pallet

Address

City Henniker

Contact

Type of Business Wood Related Industry

Number of Employees

State NH

Zip 03242

Title

Telephone 603-428-3298

Boiler (MMBTU/hr)

COMPANY/INSTITUTION Indep. Power of America

Address

City Manchester

Contact Larry Lehman

Type of Business Public/Private Utility

Number of Employees

State NH

Zip 03101

Title

Telephone 603-625-6669

Boiler (MMBTU/hr)

COMPANY/INSTITUTION International Paper Co. 2 of 4

Address

City W. Ossipee

Contact

Type of Business Wood Related Industry

Number of Employees

State NH

Zip 03890

Title

Telephone 603-539-4145

Boiler (MMBTU/hr)

COMPANY/INSTITUTION International Paper Co. 3 of 4

Address

City North Stratford

Contact

Type of Business Wood Related Industry

Number of Employees

State NH

Zip 03590

Title

Telephone 603-922-3300

Boiler (MMBTU/hr)

COMPANY/INSTITUTION James River Corp. 1 of 2

Address Mechanic Street

City Groveton

Contact Elwood Haynes

Type of Business Wood Related Industry

Number of Employees 700

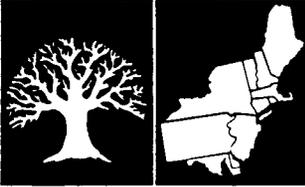
State NH

Zip 03570

Title Plt Mgr

Telephone 603-636-1154

Boiler (MMBTU/hr) 165.0



COMPANY/INSTITUTION John F. Chick & Son Inc.
Address Mountain Boulevard
City Silver Lake
Contact Tom Herget
Type of Business Misc.
Number of Employees

State NH Zip 03875
Title
Telephone 603-367-8857
Boiler (MMBTU/hr)

COMPANY/INSTITUTION John Kilburn
Address Mascomas Street
City Lebanon
Contact
Type of Business Misc.
Number of Employees

State NH Zip 03766
Title
Telephone 603-448-1714
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Kearsarge Peg Co., Inc.
Address Kearsarge Street
City Bartlett
Contact Stanley Davidson Jr
Type of Business Wood Related Industry
Number of Employees 30

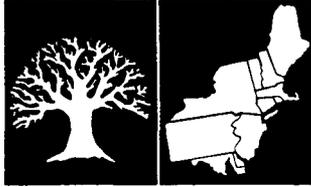
State NH Zip 03812
Title Pres
Telephone 603-374-2341
Boiler (MMBTU/hr) 2.5

COMPANY/INSTITUTION Keene State College
Address Hale Building
City Keene
Contact Robert Mallat
Type of Business School/College/Univ.
Number of Employees 300

State NH Zip 03431
Title VP
Telephone 603-352-1909
Boiler (MMBTU/hr) 14.0

COMPANY/INSTITUTION King Lumber Company
Address Buffalo Road
City Wentworth
Contact Robert Davison
Type of Business Wood Related Industry
Number of Employees 45

State NH Zip 03282
Title Mgr
Telephone 603-764-9450
Boiler (MMBTU/hr) 4.3



COMPANY/INSTITUTION Monadnock Forest Products
Address 45 Prescott Road
City Jaffrey
Contact Brian E. Rohde
Type of Business Wood Related Industry
Number of Employees 50

State NH Zip 03452
Title Pres.
Telephone 603-532-4471
Boiler (MMBTU/hr) 6.0

COMPANY/INSTITUTION Murray Farms Greenhouse 1 of 2
Address River Road RFD 7
City Penacook
Contact Dave Murray
Type of Business Greenhouse/Nursery
Number of Employees

State NH Zip 03303
Title VP
Telephone 603-753-6781
Boiler (MMBTU/hr) 1.0

COMPANY/INSTITUTION Murray Farms Greenhouse 2 of 2
Address River Road
City Penacook
Contact Dave Murray
Type of Business Greenhouse/Nursery
Number of Employees

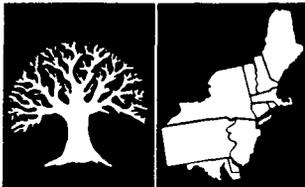
State NH Zip 03303
Title VP
Telephone 603-753-6781
Boiler (MMBTU/hr) 1.0

COMPANY/INSTITUTION NH Flakeboard, Inc.
Address P.O. Box 207
City Antrim
Contact R.A. Caughey
Type of Business Wood Related Industry
Number of Employees 6

State NH Zip 03440
Title Pres.
Telephone 603-588-2889
Boiler (MMBTU/hr) 1.5

COMPANY/INSTITUTION Nuroco Woodwork
Address PO Box 278
City Whitefield
Contact Peter Guest
Type of Business Wood Related Industry
Number of Employees

State NH Zip 03578
Title Pres
Telephone 603-837-2547
Boiler (MMBTU/hr)



COMPANY/INSTITUTION Penn. Box Company
Address N. Main Street
City Plaistow
Contact Ed Fenlon
Type of Business Wood Related Industry
Number of Employees

State NH Zip 03865
Title
Telephone 603-382-6061
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Peterboro Basket Co.
Address Box 120
City Peterboro
Contact Richard Pierce
Type of Business Non-Wood Related Industry
Number of Employees

State NH Zip 03458
Title Pres.
Telephone 603-924-3861
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Pinetree Power-Tamworth
Address P.O. Box 244 Rt. 41
City West Ossipee
Contact Eric Heggeseth
Type of Business Public/Private Utility
Number of Employees 25

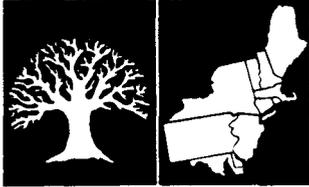
State NH Zip 03890
Title Plant Mgr
Telephone 603-323-8187
Boiler (MMBTU/hr) 404.0

COMPANY/INSTITUTION Pinetree Resource Systems
Address New Hampshire Hwy116
City Bethlehem
Contact Dave Boward
Type of Business Public/Private Utility
Number of Employees 28

State NH Zip 03534
Title Plant Mgr.
Telephone 603-444-9993
Boiler (MMBTU/hr) 289.4

COMPANY/INSTITUTION Plymouth Mfg. Inc.
Address 231 N. Main St
City Plymouth
Contact Lee Perkins
Type of Business Misc.
Number of Employees

State NH Zip 03264
Title Plt Mgr
Telephone 603-536-2156
Boiler (MMBTU/hr)



COMPANY/INSTITUTION Plywood Technology
Address 403 Kelly Street
City Manchester
Contact Bill Leveroni
Type of Business Wood Related Industry
Number of Employees

State NH Zip 03108
Title Mgr
Telephone 603-668-1505
Boiler (MMBTU/hr)

COMPANY/INSTITUTION R.P. Williams & Sons Inc.
Address Summer Street
City Bristol
Contact R.P. Williams Jr.
Type of Business Misc.
Number of Employees

State NH Zip 03222
Title Owner
Telephone 603-744-3341
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Riley Brothers Lumber
Address Christmas Tree Lane
City Milford
Contact Peter Riley
Type of Business Wood Related Industry
Number of Employees 20

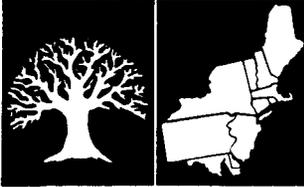
State NH Zip 03055
Title Treas.
Telephone 603-673-2987
Boiler (MMBTU/hr) 1.5

COMPANY/INSTITUTION Rochester Shoe Tree
Address Box 746
City Ashland
Contact Philip A Christophe
Type of Business Wood Related Industry
Number of Employees 220

State NH Zip 03217
Title Pres.
Telephone 603-968-3301
Boiler (MMBTU/hr) 3.4

COMPANY/INSTITUTION Rockwell Int'l Draper Div
Address PO Box 31
City Beebe River
Contact Bernie Geimeroff
Type of Business Non-Wood Related Industry
Number of Employees

State NH Zip 03219
Title Mat Mgr
Telephone 603-536-1082
Boiler (MMBTU/hr)



COMPANY/INSTITUTION Ruger, Sturm & Co.

Address

City Newport

Contact William Ruger, Jr.

Type of Business Misc.

Number of Employees

State NH

Zip 03773

Title Owner

Telephone 603-863-3300

Boiler (MMBTU/hr)

COMPANY/INSTITUTION Sargent Camp

Address Boston University

City Hancock

Contact Butch Latti

Type of Business School/College/Univ.

Number of Employees

State NH

Zip 03449

Title

Telephone 603-525-3311

Boiler (MMBTU/hr) 0.3

COMPANY/INSTITUTION Soc. for Prot. of NH For.

Address 54 Portsmouth St

City Concord

Contact Stephen Blackmer

Type of Business Misc.

Number of Employees 25

State NH

Zip 03301

Title Pol.Dir.

Telephone 603-224-9945

Boiler (MMBTU/hr) 0.2

COMPANY/INSTITUTION Souhegan Wood Prods Inc.

Address PO Box 120

City Wilton

Contact V.A. Cartmell

Type of Business Wood Related Industry

Number of Employees 50

State NH

Zip 03086

Title Pres

Telephone 603-654-2311

Boiler (MMBTU/hr)

COMPANY/INSTITUTION Sprague & Carlton Co.

Address Avon St, Box 6099

City Keene

Contact R Donald Plimpton

Type of Business Misc.

Number of Employees

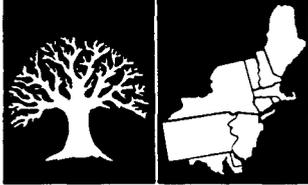
State NH

Zip 03431

Title Asst Trs

Telephone 603-352-2120

Boiler (MMBTU/hr) 6.7



COMPANY/INSTITUTION Tillotson Rubber Co Inc.

Address

City Dixville Notch

Contact Tom Tillotson

Type of Business Non-Wood Related Industry

Number of Employees 350

State NH

Zip 03576

Title Pres.

Telephone 603-259-3881

Boiler (MMBTU/hr) 30.0

COMPANY/INSTITUTION Timco, Inc.

Address PO Box 27

City Ctr. Barnstead

Contact David Houle

Type of Business Wood Related Industry

Number of Employees 110

State NH

Zip 03225

Title President

Telephone 603-269-5900

Boiler (MMBTU/hr) 90.0

COMPANY/INSTITUTION Tommila Brothers, Inc.

Address Rte 12

City Troy

Contact John Tommila

Type of Business Wood Related Industry

Number of Employees 20

State NH

Zip 03465

Title Pres

Telephone 603-242-7774

Boiler (MMBTU/hr) 6.0

COMPANY/INSTITUTION Washburn Lumber Co.

Address

City N. Stratford

Contact

Type of Business Wood Related Industry

Number of Employees

State NH

Zip 03590

Title

Telephone 602-922-3321

Boiler (MMBTU/hr)

COMPANY/INSTITUTION Westville Homes Corp.

Address RR Ave, PO Box 1

City Plaistow

Contact Joe Ferranti

Type of Business Non-Wood Related Industry

Number of Employees

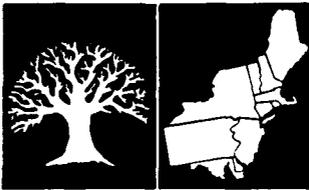
State NH

Zip 03865

Title

Telephone 603-382-6505

Boiler (MMBTU/hr)

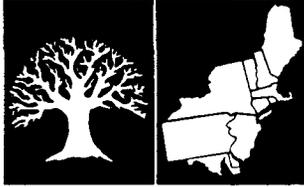


COMPANY/INSTITUTION White Mountain Regional H
Address Rte 3
City Whitefield State NH Zip 03598
Contact Maintenance Title
Type of Business School/College/Univ. Telephone 603-837-9363
Number of Employees Boiler (MMBTU/hr) 0.5

COMPANY/INSTITUTION Whitefield Power & Light
Address P.O. Box 206
City Whitefield State NH Zip 03598
Contact David McQuillan Title Plant Mgr.
Type of Business Public/Private/Utility Telephone 603-837-9328
Number of Employees 22 Boiler (MMBTU/hr) 220.7

COMPANY/INSTITUTION Yankee Barn Homes
Address Stoney Brook Rd/Hway
City Grantham State NH Zip 03753
Contact Norm Webb Title
Type of Business Wood Related Industry Telephone 603-863-2940
Number of Employees Boiler (MMBTU/hr) 0.2

COMPANY/INSTITUTION Yield House Whittier Div.
Address Routes 16 & 302
City North Conway State NH Zip 03860
Contact Ron Prevost Title Plt Engr.
Type of Business Wood Related Industry Telephone 603-356-3141
Number of Employees Boiler (MMBTU/hr) 6.0



COMPANY/INSTITUTION AFA Pallet Co.

Address 514 Doremus Ave

City Newark

Contact Anthony A Peterpaul

Type of Business Wood Related Industry

Number of Employees 75

State NJ

Zip 07105

Title Pres

Telephone 201-589-8336

Boiler (MMBTU/hr) 2.0

COMPANY/INSTITUTION C & C Industries

Address PO Box 180

City Riverton

Contact James Cenedella

Type of Business Misc.

Number of Employees 15

State NJ

Zip 08077

Title Owner

Telephone 609-786-0240

Boiler (MMBTU/hr)

COMPANY/INSTITUTION Component Technology, Inc

Address 66 Columbia Road

City Summerville

Contact Marge Shenuski

Type of Business Wood Related Industry

Number of Employees 200

State NJ

Zip 08876

Title Office Mgr

Telephone 201-722-9100

Boiler (MMBTU/hr)

COMPANY/INSTITUTION Country Workshop, Inc.

Address 95 Rome Street

City Newark

Contact Joshua Milstein

Type of Business Wood Related Industry

Number of Employees 14

State NJ

Zip 07105

Title

Telephone 201-589-3407

Boiler (MMBTU/hr)

COMPANY/INSTITUTION Door-Master Corp.

Address 3160 Bordentown Ave.

City Old Bridge

Contact Mrs. Izzo

Type of Business Wood Related Industry

Number of Employees 15

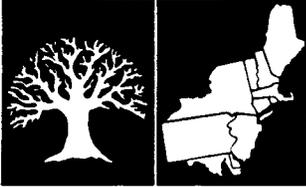
State NJ

Zip 08857

Title Pres.

Telephone 201-727-1600

Boiler (MMBTU/hr)



COMPANY/INSTITUTION Dorwood Industries
Address 30 Estling Lake Road
City Denville
Contact Jerry Willett
Type of Business Wood Related Industry
Number of Employees 60

State NJ Zip 07834
Title Plt Mgr
Telephone 201-625-5410
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Excel Wood Products
Address P.O. Box 819
City Lakewood
Contact Ernie Schriener
Type of Business Wood Related Industry
Number of Employees

State NJ Zip 08701
Title consultant
Telephone 201-364-2000
Boiler (MMBTU/hr) 13.0

COMPANY/INSTITUTION Guardsmen
Address RD 3 Box 159
City Mays Landing
Contact Noel F Pinkus
Type of Business Wood Related Industry
Number of Employees 20

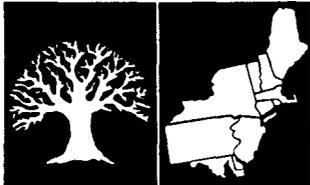
State NJ Zip 08330
Title owner
Telephone 609-965-1411
Boiler (MMBTU/hr) 2.0

COMPANY/INSTITUTION Jersey Millwork
Address 38 Blanchard St.
City Newark
Contact Pat DeGeronimo
Type of Business Wood Related Industry
Number of Employees

State NJ Zip
Title Plant Mgr.
Telephone 201-344-9200
Boiler (MMBTU/hr) 2.0

COMPANY/INSTITUTION Noeller Industries
Address 400 Maltese Drive
City Totowa
Contact Dan Moore
Type of Business Wood Related Industry
Number of Employees 200

State NJ Zip 07511
Title
Telephone 201-785-8877
Boiler (MMBTU/hr)



COMPANY/INSTITUTION Rex Lumber Co.

Address Box 1776

City Englishtown

Contact Ben Forester

Type of Business Wood Related Industry

Number of Employees 50

State NJ

Zip 07726

Title Mgr

Telephone 201-446-4200

Boiler (MMBTU/hr)

COMPANY/INSTITUTION S. Diehm & Co., Inc.

Address 51 Bergenline Avenue

City Westwood

Contact Siegfried Diehm

Type of Business Misc.

Number of Employees 8

State NJ

Zip 07675

Title Pres.

Telephone 201-664-3646

Boiler (MMBTU/hr)

COMPANY/INSTITUTION Somerset Wood Products Co

Address PO Box C

City Somerville

Contact Lester Block

Type of Business Wood Related Industry

Number of Employees 50

State NJ

Zip 08876

Title Owner

Telephone 201-526-0030

Boiler (MMBTU/hr)

COMPANY/INSTITUTION U.S. Components

Address P.O. Box 410

City Berlin

Contact Micheal Kayllo

Type of Business Misc.

Number of Employees

State NJ

Zip 08009

Title Maintenance

Telephone 609-767-3153

Boiler (MMBTU/hr) 1.0

COMPANY/INSTITUTION Viking Yacht Company

Address

City New Gretna

Contact Tom Jones

Type of Business Non-Wood Related Industry

Number of Employees

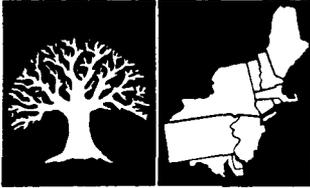
State NJ

Zip

Title Maintenance

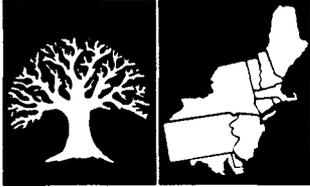
Telephone 609-296-6000

Boiler (MMBTU/hr) 6.0



COMPANY/INSTITUTION Wood Artisans Inc.
Address 49 Oak Street
City Norwood
Contact Harlin Reese
Type of Business Wood Related Industry
Number of Employees 8

State NJ Zip 07648
Title Owner
Telephone 201-768-1663
Boiler (MMBTU/hr)



COMPANY/INSTITUTION Acme United Corp.
Address 10 E. Bayard Street
City Seneca Falls
Contact Phillip R. Westcott
Type of Business Wood Related Industry
Number of Employees

State NY Zip 13148
Title
Telephone 315-568-5348
Boiler (MMBTU/hr) 4.0

COMPANY/INSTITUTION Adirondack
Address McKinley Ave
City Dodgeville
Contact Bruce Mang
Type of Business Misc.
Number of Employees

State NY Zip 13329
Title
Telephone 315-429-8511
Boiler (MMBTU/hr) 2.0

COMPANY/INSTITUTION Altoona Correctional Fac.
Address P.O. Box 125
City Altoona
Contact Francis Ryan
Type of Business Public Facility
Number of Employees

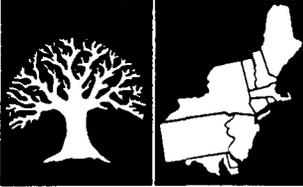
State NY Zip 12910
Title Dept Sup
Telephone 518-236-7841
Boiler (MMBTU/hr) 5.8

COMPANY/INSTITUTION Ames Handle Co., Inc.
Address Clifton Street
City Unadilla
Contact Dan Nightingale
Type of Business Wood Related Industry
Number of Employees

State NY Zip 13849
Title Plt Mgr
Telephone 607-369-9595
Boiler (MMBTU/hr) 0.2

COMPANY/INSTITUTION B & B Lumber Co., Inc.
Address Solvay Road
City Jamesville
Contact Neil Hildreth
Type of Business Wood Related Industry
Number of Employees 55

State NY Zip 13078
Title Supervisor
Telephone 315-492-1786
Boiler (MMBTU/hr) 6.0



COMPANY/INSTITUTION Becker Manufacturing Corp

Address

City E. Durham

Contact George Warner

Type of Business Wood Related Industry

Number of Employees 300

State NY

Zip 12423

Title Plt Mgr

Telephone 518-634-2571

Boiler (MMBTU/hr) 6.0

COMPANY/INSTITUTION Bernhards Bay Veneer Corp

Address Keller Dr.

City Bernards Bay

Contact Joe Fletcher

Type of Business Wood Related Industry

Number of Employees

State NY

Zip 13028

Title Pres

Telephone 315-675-3624

Boiler (MMBTU/hr) 20.0

COMPANY/INSTITUTION Binghamton Psych. Center

Address 425 Robinson St

City Binghamton

Contact Paul Goewey

Type of Business School/College/Univ.

Number of Employees

State NY

Zip 13901

Title Engn.

Telephone 607-773-4565

Boiler (MMBTU/hr) 13.8

COMPANY/INSTITUTION Boohrer Lumber Co.

Address Route 11

City Lafayette

Contact Robert Wetzel

Type of Business Wood Related Industry

Number of Employees 50

State NY

Zip 13084

Title VP

Telephone 315-677-3126

Boiler (MMBTU/hr) 4.0

COMPANY/INSTITUTION C.B. Norton & Son, Inc.

Address Peth Road

City Great Valley

Contact Dave Forness

Type of Business Wood Related Industry

Number of Employees 35

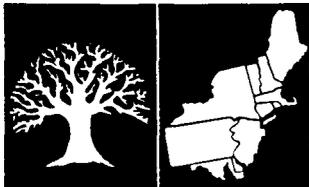
State NY

Zip 14741

Title Pers Mgr

Telephone 716-945-1990

Boiler (MMBTU/hr) 4.0



COMPANY/INSTITUTION Camp Gabriels Corr. Fac.
Address P.O. Box 100
City Gabriels
Contact Bob Tummings
Type of Business Public Facility
Number of Employees

State NY Zip 12539
Title Plant Mgr.
Telephone 518-327-3111
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Carlson Wood Products
Address RD 1 Box 310
City Sinclairville
Contact William Carlson
Type of Business Wood Related Industry
Number of Employees 15

State NY Zip 14782
Title Pres
Telephone 716-287-2923
Boiler (MMBTU/hr) 5.0

COMPANY/INSTITUTION Catskill Craftsmen
Address West End Avenue
City Stamford
Contact David Carley
Type of Business Wood Related Industry
Number of Employees

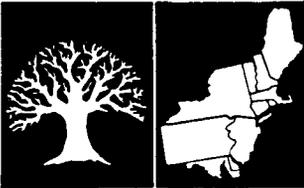
State NY Zip 12167
Title Mgr
Telephone 607-652-7321
Boiler (MMBTU/hr) 4.0

COMPANY/INSTITUTION Chimney Mtn. Craftsmen In
Address PO Box 298
City Indian Lake
Contact Donald King
Type of Business Wood Related Industry
Number of Employees 11

State NY Zip 12842
Title President
Telephone 518-648-5722
Boiler (MMBTU/hr) 2.5

COMPANY/INSTITUTION Clarkson University
Address
City Potsdam
Contact G.C. Gonyea
Type of Business School/College/Univ.
Number of Employees 530

State NY Zip 13676
Title Engr.
Telephone 315-268-6424
Boiler (MMBTU/hr) 10.0



COMPANY/INSTITUTION Colgate University
Address Broad Street
City Hamilton
Contact Austin Joerger
Type of Business School/College/Univ.
Number of Employees

State NY Zip 13346
Title Phys Plt
Telephone 315-824-1000
Boiler (MMBTU/hr) 25.0

COMPANY/INSTITUTION Cortland Wood Products
Address 150 McLean Road
City Cortland
Contact Ed Schubert
Type of Business Wood Related Industry
Number of Employees 100

State NY Zip 13045
Title Controller
Telephone 607-753-1081
Boiler (MMBTU/hr) 15.0

COMPANY/INSTITUTION Cotton-Hanlon
Address Rte 224
City Cayuta
Contact W.H. Hanlon
Type of Business Wood Related Industry
Number of Employees

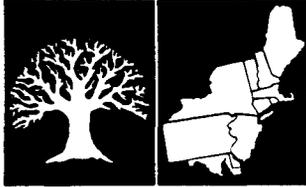
State NY Zip 14824
Title
Telephone 607-594-3311
Boiler (MMBTU/hr) 12.0

COMPANY/INSTITUTION Crawford Furniture
Address 1061 Allen Street
City Jamestown
Contact Al Gullotti
Type of Business Wood Related Industry
Number of Employees 150

State NY Zip 14701
Title Plt Mgr
Telephone 716-665-4227
Boiler (MMBTU/hr) 6.0

COMPANY/INSTITUTION Curtis Lumber
Address Route 67
City Ballston Spa
Contact Robert Curtis
Type of Business Wood Related Industry
Number of Employees

State NY Zip 12020
Title Pres.
Telephone 518-885-5311
Boiler (MMBTU/hr) 8.2



COMPANY/INSTITUTION Cyganovich and Andrews
Address 444 Main St.
City Owego
Contact Tony Cyganovich
Type of Business Wood Related Industry
Number of Employees 14

State NY Zip 13827
Title Manager
Telephone 607-687-2574
Boiler (MMBTU/hr) 3.3

COMPANY/INSTITUTION Donver Inc.
Address Box 181
City Killbuck
Contact Don Vershay
Type of Business Wood Related Industry
Number of Employees 31

State NY Zip 14748
Title Pres
Telephone 716-945-1910
Boiler (MMBTU/hr) 6.6

COMPANY/INSTITUTION Ethan Allen
Address 36 Railroad Avenue
City Frewsburg
Contact Richard L. Smith
Type of Business Wood Related Industry
Number of Employees 100

2 of 6

State NY Zip 14738
Title
Telephone 716-569-2965
Boiler (MMBTU/hr) 13.0

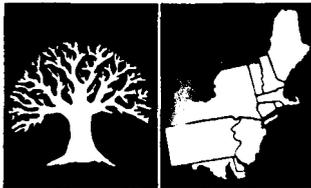
COMPANY/INSTITUTION Ethan Allen
Address Grove Street
City Boonville
Contact M. Johnson
Type of Business Wood Related Industry
Number of Employees 200

1 of 6

State NY Zip 13309
Title Plt Mgr
Telephone 315-942-4471
Boiler (MMBTU/hr) 25.0

COMPANY/INSTITUTION Fancher Furniture Co.
Address 100 Rochester Street
City Salamanca
Contact C.L. Erickson
Type of Business Wood Related Industry
Number of Employees

State NY Zip 14779
Title Pres
Telephone 716-945-5500
Boiler (MMBTU/hr) 6.0



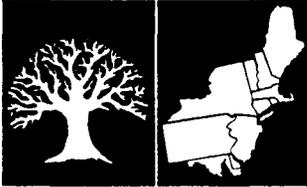
COMPANY/INSTITUTION Finch Pruyn & Co. 1 of 2
Address 1 Glen Street
City Glens Falls State NY Zip 12801
Contact Paul Grube Title Plt Mgr
Type of Business Wood Related Industry Telephone 518-793-2541
Number of Employees Boiler (MMBTU/hr) 14.0

COMPANY/INSTITUTION Finch Pruyn & Co. 2 of 2
Address 1 Glen Street
City Glens Falls State NY Zip 12801
Contact Paul Grube Title Plt Mgr
Type of Business Wood Related Industry Telephone 518-793-2541
Number of Employees Boiler (MMBTU/hr) 210.0

COMPANY/INSTITUTION Frontier Lumber
Address 1941 Elmwood Avenue
City Buffalo State NY Zip 14207
Contact Ed McDermid Title Treasurer
Type of Business Wood Related Industry Telephone 716-873-8500
Number of Employees Boiler (MMBTU/hr) 4.0

COMPANY/INSTITUTION Gold Medal Ladder
Address Rewey Avenue Box 97
City Newark Valley State NY Zip 13811
Contact John Daly Title Manager
Type of Business Wood Related Industry Telephone 607-642-3231
Number of Employees Boiler (MMBTU/hr) 2.6

COMPANY/INSTITUTION Gowanda Psych. Center
Address Taylor Hollow Rd
City Helmuth State NY Zip 14079
Contact Marvin Snyder Title Eng
Type of Business Hospital/Health Care Telephone 716-532-3311
Number of Employees Boiler (MMBTU/hr) 30.0



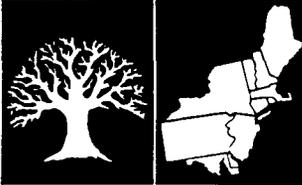
COMPANY/INSTITUTION Gunlocke Company 1 of 2
Address 1 Gunlocke Drive
City Wayland State NY Zip 14572
Contact Joe Rawleigh Title Superv.
Type of Business Wood Related Industry Telephone 716-728-5111
Number of Employees 900 Boiler (MMBTU/hr) 21.0

COMPANY/INSTITUTION Gunlocke Company 2 of 2
Address 1 Gunlocke Drive
City Wayland State NY Zip 14572
Contact Joe Rawleigh Title Superv.
Type of Business Wood Related Industry Telephone 716-728-5111
Number of Employees Boiler (MMBTU/hr) 22.0

COMPANY/INSTITUTION Gutches Lumber Co.
Address 150 McLean Rd
City Cortland State NY Zip 13045
Contact Andrew Middleton Title Mgr
Type of Business Wood Related Industry Telephone 607-753-3393
Number of Employees Boiler (MMBTU/hr) 2.0

COMPANY/INSTITUTION Hallagan Mfg. Co. Inc.
Address Hoffman Street
City Newark State NY Zip 14513
Contact Richard Hallagan Title VP
Type of Business Wood Related Industry Telephone 315-331-4640
Number of Employees Boiler (MMBTU/hr) 5.0

COMPANY/INSTITUTION Harden Furniture 2 of 2
Address Mill Pond Way
City McConnellsville State NY Zip 13401
Contact G.W. Babcock Title Exec. VP
Type of Business Wood Related Industry Telephone 315-245-1000
Number of Employees Boiler (MMBTU/hr) 15.0



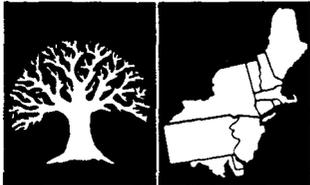
COMPANY/INSTITUTION Harden Furniture 1 of 2
Address Mill Pond Way
City McConnellsville State NY Zip 13401
Contact G.W. Babcock Title Exec. VP
Type of Business Wood Related Industry Telephone 315-245-1000
Number of Employees 650 Boiler (MMBTU/hr) 25.0

COMPANY/INSTITUTION Heuvelton Whey Co. Inc.
Address 44 Union St. HC62
City Heuvelton State NY Zip 13654
Contact W. A. Dittes Title Manager
Type of Business Non-Wood Related Industry Telephone 315-344-2417
Number of Employees 18 Boiler (MMBTU/hr)

COMPANY/INSTITUTION Howland Bros Co. Inc.
Address PO Box 166
City Berkshire State NY Zip 13736
Contact Gary Schonbeck Title Owner
Type of Business Wood Related Industry Telephone 607-657-2511
Number of Employees 68 Boiler (MMBTU/hr) 3.2

COMPANY/INSTITUTION Hunt Country Furniture
Address Webatuck Rd
City Wingdale State NY Zip 12594
Contact Shelley M. Hunt Title Owner
Type of Business Wood Related Industry Telephone 914-832-6601
Number of Employees Boiler (MMBTU/hr) 8.0

COMPANY/INSTITUTION International Paper Co. 4 of 4
Address Shore Airport Dr.
City Ticonderoga State NY Zip 12883
Contact Colby Fahey Title Plt Engr
Type of Business Wood Related Industry Telephone 518-585-6761
Number of Employees Boiler (MMBTU/hr) 600.0



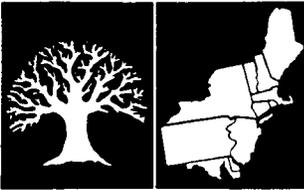
COMPANY/INSTITUTION Jamestown Plywood 1 of 2
Address 34 Steele Street
City Jamestown State NY Zip 14701
Contact Gary Bestchum Title Pres
Type of Business Wood Related Industry Telephone 716-488-1984
Number of Employees Boiler (MMBTU/hr) 8.0

COMPANY/INSTITUTION Jamestown Plywood 2 of 2
Address 34 Steele Street
City Jamestown State NY Zip 14701
Contact Andrew Jochum Title
Type of Business Wood Related Industry Telephone 716-488-1984
Number of Employees Boiler (MMBTU/hr) 8.0

COMPANY/INSTITUTION Jamestown Sterling
Address P.O. Box 610
City Jamestown State NY Zip 14702
Contact Robert Bergguist Title Purch
Type of Business Non-Wood Related Industry Telephone 716-665-6115
Number of Employees Boiler (MMBTU/hr) 9.0

COMPANY/INSTITUTION Joseph C. Klein, Inc.
Address Rotterdam Industrial
City Schenectady State NY Zip 12306
Contact George Elder Title
Type of Business Misc. Telephone - -
Number of Employees Boiler (MMBTU/hr) 11.0

COMPANY/INSTITUTION KSI Building Products
Address MacArthur Avenue
City Cobleskill State NY Zip 12043
Contact Robert Beach Title Engr
Type of Business Wood Related Industry Telephone 518-234-2561
Number of Employees Boiler (MMBTU/hr) 5.0



COMPANY/INSTITUTION Kittinger Company
Address 1893 Elmwood Avenue
City Buffalo
Contact Mike Kreppel
Type of Business Wood Related Industry
Number of Employees 260

State NY Zip 14207
Title Engr
Telephone 716-876-1000
Boiler (MMBTU/hr) 5.2

COMPANY/INSTITUTION L. & J.G. Stickley, Inc.
Address P.O. Box 480
City Manlius
Contact James Rider
Type of Business Wood Related Industry
Number of Employees 125

State NY Zip 13104
Title Engr
Telephone 315-682-5500
Boiler (MMBTU/hr) 5.7

COMPANY/INSTITUTION Lewis Mill
Address Main Street
City Beaver Falls
Contact David Miller
Type of Business Wood Related Industry
Number of Employees

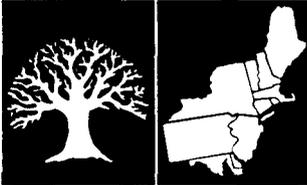
State NY Zip 13305
Title Engr
Telephone 315-346-1111
Boiler (MMBTU/hr) 46.9

COMPANY/INSTITUTION Library Bureau Division
Address 801 Park Avenue
City Herkimer
Contact Bryan King
Type of Business Wood Related Industry
Number of Employees 132

State NY Zip 13350
Title VP
Telephone 315-866-1330
Boiler (MMBTU/hr) 20.7

COMPANY/INSTITUTION Lyons Falls Pulp
Address Center Street
City Lyons Falls
Contact Gerald Fruin
Type of Business Wood Related Industry
Number of Employees 300

State NY Zip 13368
Title Supr
Telephone 315-348-8411
Boiler (MMBTU/hr) 120.0



COMPANY/INSTITUTION MDF Technology, Inc.
Address Laurel Bank Avenue
City Deposit
Contact James Simon
Type of Business Misc.
Number of Employees

State NY Zip 13754
Title Plt Mgr
Telephone 607-467-2600
Boiler (MMBTU/hr) 32.0

COMPANY/INSTITUTION Margaretville Mem. Hosp.
Address Rt 28
City Margaretville
Contact Ronald Williams
Type of Business Hospital/Health Care
Number of Employees

State NY Zip 12455
Title Mgr
Telephone 914-586-2631
Boiler (MMBTU/hr) 4.0

COMPANY/INSTITUTION Marsellus Casket Co.
Address 101 Richmond Avenue
City Syracuse
Contact Web Bartz
Type of Business Wood Related Industry
Number of Employees 190

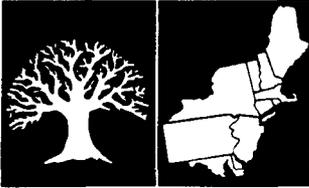
State NY Zip 13204
Title Mgr
Telephone 315-422-2306
Boiler (MMBTU/hr) 6.0

COMPANY/INSTITUTION Mt. McGregor Corr. Facil.
Address Mt. McGregor
City Wilton
Contact Joe Kennedy
Type of Business Public Facility
Number of Employees

State NY Zip 12268
Title Super.
Telephone 518-587-3960
Boiler (MMBTU/hr) 37.0

COMPANY/INSTITUTION N. Hudson Woodcraft Corp.
Address
City Dolgeville
Contact Jeff Slifka
Type of Business Wood Related Industry
Number of Employees 52

State NY Zip 13309
Title Gen Mgr
Telephone 315-429-3105
Boiler (MMBTU/hr) 5.2



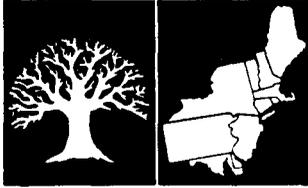
COMPANY/INSTITUTION Odessa Montour Central
Address College Avenue
City Odessa State NY Zip 14869
Contact Robert Van Galder Title Bldg Sup
Type of Business School/College/Univ. Telephone 607-594-3341
Number of Employees Boiler (MMBTU/hr) 5.0

COMPANY/INSTITUTION Proctor & Gamble
Address 40 Western Avenue
City Staten Island State NY Zip 10303
Contact Tom Molloy Title Eng Coord
Type of Business Non-Wood Related Industry Telephone 718-816-2000
Number of Employees 1000 Boiler (MMBTU/hr) 240.0

COMPANY/INSTITUTION Pulaski Wood Co., Inc.
Address School Street
City Smyrna State NY Zip 13464
Contact Joseph C. Martin Title Mgr
Type of Business Wood Related Industry Telephone 607-627-6547
Number of Employees Boiler (MMBTU/hr) 10.0

COMPANY/INSTITUTION Randolph Dimension Corp.
Address 208-218 Main Street
City Randolph State NY Zip 14772
Contact L C Peterson Title Pres.
Type of Business Wood Related Industry Telephone 716-358-6901
Number of Employees Boiler (MMBTU/hr) 2.0

COMPANY/INSTITUTION Remington Arms Co. 1 of 2
Address 14 Hoefler Avenue
City Ilion State NY Zip 13305
Contact George Jackson Title
Type of Business Wood Related Industry Telephone 315-894-9961
Number of Employees 1100 Boiler (MMBTU/hr) 43.0



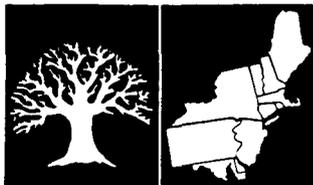
COMPANY/INSTITUTION Remington Arms Co. 2 of 2
Address 14 Hoefler Avenue
City Ilion State NY Zip 13305
Contact T.W. Jackson Title
Type of Business Wood Related Industry Telephone 315-894-9961
Number of Employees 1100 Boiler (MMBTU/hr) 37.0

COMPANY/INSTITUTION Reynolds Metal Company
Address Box 500
City Massena State NY Zip 13662
Contact Fred H. Swafford Title Plt Engineer
Type of Business Non-Wood Related Industry Telephone 315-764-6225
Number of Employees 700 Boiler (MMBTU/hr) 40.0

COMPANY/INSTITUTION SUNY- Binghamton 2 of 2
Address Vestal Pkway East
City Binghamton State NY Zip 13901
Contact Richard Rezucha Title Engineer
Type of Business School/College/Univ. Telephone 607-777-2335
Number of Employees 18 Boiler (MMBTU/hr) 50.0

COMPANY/INSTITUTION SUNY- Binghamton 1 of 2
Address
City Binghamton State NY Zip 13901
Contact Eugene A. Gilliland Title Plt Dir
Type of Business School/College/Univ. Telephone 518-777-2000
Number of Employees Boiler (MMBTU/hr) 50.0

COMPANY/INSTITUTION St. Bonaventure Univ.
Address Buildings & Grounds
City Allegany State NY Zip 14778
Contact Len J. Fagan Title
Type of Business School/College/Univ. Telephone 716-375-2000
Number of Employees Boiler (MMBTU/hr) 25.0



COMPANY/INSTITUTION Stakmore Co., Inc.
Address Elm St.
City Oswego
Contact Doug Sherman
Type of Business Wood Related Industry
Number of Employees

State NY Zip 13827
Title Plt Mgr
Telephone 607-687-1616
Boiler (MMBTU/hr) 5.0

COMPANY/INSTITUTION Tupper Lake Veneer Corp.
Address 120 Demars Blvd
City Tupper Lake
Contact Frank Bencze
Type of Business Wood Related Industry
Number of Employees 100

State NY Zip 12986
Title Mgr
Telephone 518-359-2930
Boiler (MMBTU/hr) 14.0

COMPANY/INSTITUTION Una Laminated Products
Address West Road
City Sidney
Contact Jim Carr
Type of Business Wood Related Industry
Number of Employees 65

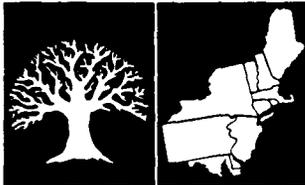
State NY Zip 13849
Title Plt Mtn.
Telephone 607-563-2191
Boiler (MMBTU/hr) 8.0

COMPANY/INSTITUTION Union-National, Inc.
Address 226 Crescent Street
City Jamestown
Contact Dave Chall
Type of Business Wood Related Industry
Number of Employees

State NY Zip 14701
Title
Telephone 716-487-1165
Boiler (MMBTU/hr) 4.0

COMPANY/INSTITUTION Vochamp Lumber-Dry Kiln
Address Glenwood Ave & Gulf
City Medina
Contact Robert Vosler
Type of Business Wood Related Industry
Number of Employees 7

State NY Zip 14103
Title
Telephone 716-798-0844
Boiler (MMBTU/hr) 4.2



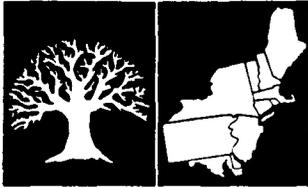
COMPANY/INSTITUTION W.J. Cowee, Inc. 1 of 3
Address Taylor Avenue
City Berlin State NY Zip 12022
Contact R.J. Koerner Title
Type of Business Wood Related Industry Telephone 518-766-5200
Number of Employees Boiler (MMBTU/hr) 14.0

COMPANY/INSTITUTION W.J. Cowee, Inc. 2 of 3
Address Taylor Avenue
City Berlin State NY Zip 12022
Contact R.J. Koerner Title
Type of Business Wood Related Industry Telephone - -
Number of Employees Boiler (MMBTU/hr) 14.0

COMPANY/INSTITUTION W.J. Cowee, Inc. 3 of 3
Address Taylor Avenue
City Berlin State NY Zip 12022
Contact R.J. Koerner Title
Type of Business Wood Related Industry Telephone 518-766-5200
Number of Employees Boiler (MMBTU/hr) 140.0

COMPANY/INSTITUTION W.W. Babcock Co.
Address Delaware Avenue
City Bath State NY Zip 14810
Contact R. Saxton Title
Type of Business Wood Related Industry Telephone 607-776-3341
Number of Employees Boiler (MMBTU/hr)

COMPANY/INSTITUTION Whitesville Wood Products
Address 100 Commercial Ave.
City Whitesville State NY Zip 14897
Contact John B. Corneby Title VP
Type of Business Wood Related Industry Telephone 607-356-3318
Number of Employees Boiler (MMBTU/hr) 3.0



COMPANY/INSTITUTION Alexandria Wood Products
Address PO Box 357
City Alexandria
Contact Gary O'Brien
Type of Business Wood Related Industry
Number of Employees 32

State PA Zip 16611
Title Owner
Telephone 814-669-4469
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Appleton Papers
Address 100 Paper Mills Rd
City Roaring Spring
Contact John Oldham
Type of Business Wood Related Industry
Number of Employees 500

State PA Zip 16533
Title Eng Mgr
Telephone 814-224-2131
Boiler (MMBTU/hr) 240.0

COMPANY/INSTITUTION Babcock Lumber Company
Address Drawer B
City Champion
Contact Anthony Spillitano
Type of Business Wood Related Industry
Number of Employees 60

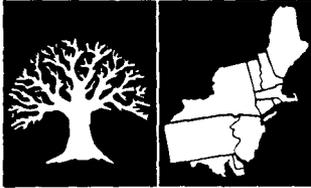
State PA Zip 15622
Title vp
Telephone 412-593-6124
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Boyertown Casket Company
Address 23 N. Walnut Street
City Boyertown
Contact Warren Yerger
Type of Business Wood Related Industry
Number of Employees 400

State PA Zip 19512
Title Maint Sup
Telephone 215-367-2131
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Bradford Hospital
Address
City Bradford
Contact Philip Winger
Type of Business Hospital/Health Care
Number of Employees

State PA Zip 16701
Title
Telephone 814-368-4143
Boiler (MMBTU/hr) 20.7



COMPANY/INSTITUTION Buehler Lumber Company
Address PO Box 239
City Ridgeway
Contact Merle Brooks
Type of Business Wood Related Industry
Number of Employees 50

State PA Zip 15853
Title Asst
Telephone 814-776-1121
Boiler (MMBTU/hr)

COMPANY/INSTITUTION C. C. Smith Lumber Compan
Address RD 1 Box 341
City Sumerhill
Contact Lynn Smith
Type of Business Wood Related Industry
Number of Employees 62

State PA Zip 15958
Title Mgr
Telephone 814-495-4608
Boiler (MMBTU/hr)

COMPANY/INSTITUTION C.A. Walker Lumber
Address PO Box 368
City Bigler
Contact Gail Wilson
Type of Business Wood Related Industry
Number of Employees 30

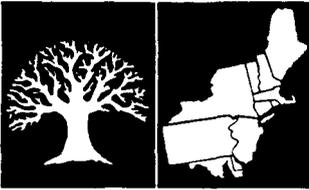
State PA Zip 16825
Title VP
Telephone 814-857-7642
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Cumberland Woodcraft Co.
Address PO Drawer 609
City Carlisle
Contact Randy Reese
Type of Business Wood Related Industry
Number of Employees 45

State PA Zip 17013
Title Pres
Telephone 717-243-0063
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Danco Products
Address 13978 Molly Pitcher
City Greencastle
Contact Wilbur Rook
Type of Business Misc.
Number of Employees 18

State PA Zip 17225
Title Sales Mgr
Telephone 717-597-7185
Boiler (MMBTU/hr)



COMPANY/INSTITUTION Davidson McNair Prod.
Address P.O. Box 223
City Oil City
Contact Fred McNair
Type of Business Misc.
Number of Employees 30

State PA Zip 16301
Title Owner
Telephone 814-676-6556
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Del-Wood Kitchens
Address RD 3 Box 169
City Hanover
Contact Charles Grubb
Type of Business Non-Wood Related Industry
Number of Employees 45

State PA Zip 17731
Title Pres
Telephone 717-637-9320
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Donald Dean & Sons Inc.
Address Box 246
City Montrose
Contact William Dean
Type of Business Wood Related Industry
Number of Employees 80

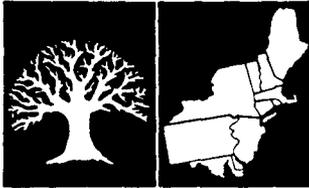
State PA Zip 18801
Title Exec VP
Telephone 717-278-1179
Boiler (MMBTU/hr) 8.0

COMPANY/INSTITUTION Eastern Woods Products
Address PO Box 1056
City Williamsport
Contact John Herz
Type of Business Wood Related Industry
Number of Employees 65

State PA Zip 17703
Title Pres
Telephone 717-326-1946
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Endeavor Lumber Co.
Address
City Endeavor
Contact Steve Jilk
Type of Business Wood Related Industry
Number of Employees 75

State PA Zip 16322
Title Mgr
Telephone 814-463-7701
Boiler (MMBTU/hr)



COMPANY/INSTITUTION H.P. McGinley Inc.
Address PO Box 251
City McAlisterville
Contact Mr. McGinley
Type of Business Wood Related Industry
Number of Employees 30

State PA Zip 17049
Title President
Telephone 717-463-2131
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Ivy Hill Plant Corp.
Address Hahn Road
City Pittsburgh
Contact Louis Hahn
Type of Business Greenhouse/Nursery
Number of Employees 30

State PA Zip 15209
Title Pres
Telephone 412-821-6210
Boiler (MMBTU/hr)

COMPANY/INSTITUTION J.F. Rohrbaugh & Co.
Address RD 3 Ridge Avenue
City Hanover
Contact William Markle
Type of Business Misc.
Number of Employees 50

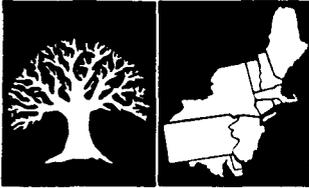
State PA Zip 17331
Title Off.Mgr
Telephone 717-632-4353
Boiler (MMBTU/hr)

COMPANY/INSTITUTION K & F Wood Products
Address Box A
City Beccaria
Contact Donal Kitko
Type of Business Wood Related Industry
Number of Employees 32

State PA Zip 16616
Title Owner
Telephone 814-378-7867
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Kane Hardwood Company
Address PO Box 807
City Kane
Contact Michael Collins
Type of Business Wood Related Industry
Number of Employees 153

State PA Zip 16735
Title VP
Telephone 814-837-6941
Boiler (MMBTU/hr) 25.0



COMPANY/INSTITUTION Kitko Wood Products
Address PO Box 3
City Glen Hope
Contact Kenneth Kitko
Type of Business Wood Related Industry
Number of Employees 100

State PA Zip 16645
Title Pres
Telephone 814-672-3606
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Knouse Foods Corporation
Address 421 E Grant Street
City Chambersburg
Contact J. Washabaugh
Type of Business Non-Wood Related Industry
Number of Employees 350

State PA Zip 17201
Title Mtn Plnr
Telephone 717-263-9177
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Koppers Sawmill, Inc.
Address
City Marble
Contact Roger Steiner
Type of Business Wood Related Industry
Number of Employees 60

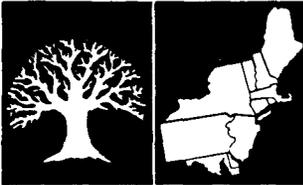
State PA Zip 16334
Title Mgr
Telephone 814-354-2800
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Lafferty & Co., Inc.
Address PO Box 34
City Lemoyne
Contact E.C. Bivens
Type of Business Misc.
Number of Employees 20

State PA Zip 17043
Title Pres
Telephone 717-763-7725
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Latsha Lumber
Address PO Box 1725
City Harrisburg
Contact Claton Latsha
Type of Business Wood Related Industry
Number of Employees 50

State PA Zip 17105
Title Mgr
Telephone 717-652-2200
Boiler (MMBTU/hr)



COMPANY/INSTITUTION Lumberman's Assoc. Inc.
Address PO Box 15375
City Philadelphia
Contact R. Allen
Type of Business Wood Related Industry
Number of Employees 25

State PA Zip 19111
Title Foreman
Telephone 215-742-4410
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Marietta Ceiling Plant
Address PO Box 169
City Marietta
Contact Michael George
Type of Business Non-Wood Related Industry
Number of Employees 100

State PA Zip 17547
Title Inf. Mgr
Telephone 717-426-4171
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Masonite Corp.
Address P.O. Box 311
City Towanda
Contact M.L. Steele
Type of Business Wood Related Industry
Number of Employees 600

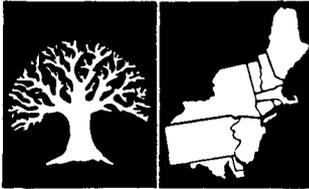
State PA Zip 18848
Title Engineer
Telephone 717-265-9121
Boiler (MMBTU/hr) 80.0

COMPANY/INSTITUTION Mastercraft Specialties
Address P.O. Box 71
City Red Lion
Contact Joel Persing
Type of Business Wood Related Industry
Number of Employees 80

State PA Zip 17356
Title Treas
Telephone 717-244-8508
Boiler (MMBTU/hr) 3.0

COMPANY/INSTITUTION Matson Lumber Company
Address 132 Main Street
City Brookville
Contact Richard Conty
Type of Business Wood Related Industry
Number of Employees 70

State PA Zip 15825
Title vp
Telephone 814-849-5334
Boiler (MMBTU/hr)



COMPANY/INSTITUTION Mellott Wood Preserving
Address RD 1 Box 209
City Needmore
Contact Douglas D. Mellott
Type of Business Wood Related Industry
Number of Employees 100

State PA Zip 17238
Title VP
Telephone 717-573-2516
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Monarch Pallet Corp.
Address 6 Monarch Drive
City Carbondale
Contact Ron Whitiak
Type of Business Wood Related Industry
Number of Employees 100

State PA Zip 18407
Title Mgr
Telephone 717-282-6330
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Northway Industries Inc.
Address PO Box 277
City Middleburg
Contact A.W. Thilo
Type of Business Wood Related Industry
Number of Employees 45

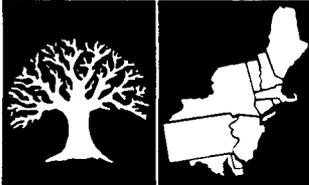
State PA Zip 17842
Title Gen Mgr
Telephone 717-837-1564
Boiler (MMBTU/hr)

COMPANY/INSTITUTION P. H. Gladfelter Company
Address 228 South Main St.
City Spring Grove
Contact Glen Markle
Type of Business Wood Related Industry
Number of Employees 1050

State PA Zip 17362
Title Publ.Dir
Telephone 717-225-4711
Boiler (MMBTU/hr)

COMPANY/INSTITUTION PA Hardwood Products Inc.
Address P.O. Box 349
City Picture Rocks
Contact Herm Fischer
Type of Business Wood Related Industry
Number of Employees 25

State PA Zip 17762
Title Mgr
Telephone 717-584-2146
Boiler (MMBTU/hr)



COMPANY/INSTITUTION Patterson Lumber Company
Address Charleston Street
City Wellsboro
Contact Robert DeCamp
Type of Business Wood Related Industry
Number of Employees 60

State PA Zip 16901
Title Pres
Telephone 717-724-2210
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Pennsylvania House
Address N. 10th Street
City Lewisburg
Contact Dave Groom
Type of Business Wood Related Industry
Number of Employees 700

State PA Zip 17837
Title Director
Telephone 717-523-1285
Boiler (MMBTU/hr) 30.0

COMPANY/INSTITUTION Phillip Stofanack, Inc.
Address 176 Nazareth Pike
City Bethlehem
Contact Phillip Stofanack Jr
Type of Business Wood Related Industry
Number of Employees 40

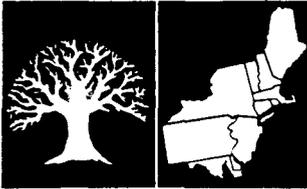
State PA Zip 18017
Title VP
Telephone 215-759-9311
Boiler (MMBTU/hr)

COMPANY/INSTITUTION RAD Woodwork Co. Inc.
Address PO Box 288
City Nescopeck
Contact Jack Zelenock
Type of Business Wood Related Industry
Number of Employees 55

State PA Zip 18635
Title Plt Mgr
Telephone 717-752-4514
Boiler (MMBTU/hr) 5.2

COMPANY/INSTITUTION SSK Company
Address 220 Belvedere Ave.
City York
Contact David Zeigler
Type of Business Wood Related Industry
Number of Employees 20

State PA Zip 17404
Title Mgr
Telephone 717-854-2897
Boiler (MMBTU/hr)



COMPANY/INSTITUTION Sbenshade Greenhouse, Inc
Address 546 A 28th Div. Hway
City Lititz
Contact Lamar Sbenshade
Type of Business Greenhouse/Nursery
Number of Employees 20

State PA Zip 17543
Title Owner
Telephone 717-626-7000
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Seneca Hardwood Lbr. Co.
Address RD 1 Box 13A
City Cranberry
Contact Orië W. Hepler
Type of Business Wood Related Industry
Number of Employees 30

State PA Zip 16319
Title Pres.
Telephone 814-498-2241
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Sensenich Corp.
Address PO Box 4187
City Lancaster
Contact Gary Sensenich
Type of Business Wood Related Industry
Number of Employees 170

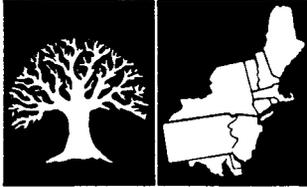
State PA Zip 17061
Title Pres
Telephone 717-569-0435
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Union Fork & Hoe Company
Address PO Box 69
City Shippensburg
Contact Wm Dechene
Type of Business Wood Related Industry
Number of Employees

State PA Zip 17257
Title Mgr
Telephone 717-532-3345
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Walter H. Weaver Sons Inc
Address Rte 241, RD 4
City Lebanon
Contact Galen Weaver
Type of Business Wood Related Industry
Number of Employees 230

State PA Zip 17042
Title Owner
Telephone 717-867-2212
Boiler (MMBTU/hr) 30.0



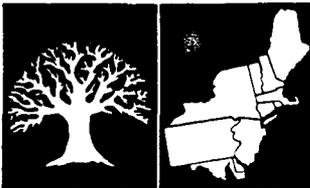
COMPANY/INSTITUTION Weyerhaeuser Company 1 of 3
Address RD 1 Box 156
City Jefferson State PA Zip 15344
Contact Archie Trader Title Oper Sup
Type of Business Wood Related Industry Telephone 412-883-3086
Number of Employees 35 Boiler (MMBTU/hr)

COMPANY/INSTITUTION Weyerhaeuser Company 2 of 3
Address PO Box 127
City New Freedom State PA Zip 17349
Contact Robert Lindskog Title Plt Eng
Type of Business Wood Related Industry Telephone 717-235-3802
Number of Employees 150 Boiler (MMBTU/hr)

COMPANY/INSTITUTION Wood Mode Cabinetry
Address 2nd St.
City Kreamer State PA Zip 17833
Contact Jeffrey Bowersox Title v.p.
Type of Business Wood Related Industry Telephone 717-374-2711
Number of Employees 850 Boiler (MMBTU/hr)

COMPANY/INSTITUTION Woodlore Builders Studio
Address 2350 North 7th St
City Harrisburg State PA Zip 17110
Contact Michael Spangler Title Pres
Type of Business Wood Related Industry Telephone 717-236-4526
Number of Employees 12 Boiler (MMBTU/hr)

COMPANY/INSTITUTION York Casket Company
Address 2880 Black Bridge Rd
City York State PA Zip 17402
Contact Wayne Paup Title Pres
Type of Business Wood Related Industry Telephone 717-854-9566
Number of Employees 450 Boiler (MMBTU/hr)



COMPANY/INSTITUTION A. Johnson Company
Address RD #2 Box 900
City Bristol
Contact William R. Sayre
Type of Business Wood Related Industry
Number of Employees 55

State VT Zip 05443
Title Mgr
Telephone 802-453-4884
Boiler (MMBTU/hr)

COMPANY/INSTITUTION A.R. Foss, Inc.
Address Route 100
City Morrisville
Contact Allan Foss
Type of Business Wood Related Industry
Number of Employees

State VT Zip 05661
Title Owner
Telephone 802-888-2005
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Ames Electric
Address 107 Main St.
City Newport
Contact Rod Ames
Type of Business Non-Wood Related Industry
Number of Employees 15

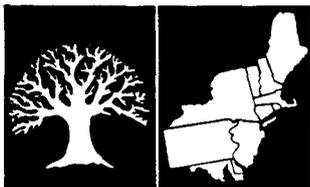
State VT Zip 05855
Title Owner
Telephone 802-334-6614
Boiler (MMBTU/hr) 0.8

COMPANY/INSTITUTION Basketville Inc.
Address Main Street
City Putney
Contact Frank G. Wilson
Type of Business Wood Related Industry
Number of Employees 72

State VT Zip 05346
Title Pres.
Telephone 802-387-5509
Boiler (MMBTU/hr) 4.2

COMPANY/INSTITUTION Bell Gates Lumber Corp.
Address PO Box 279
City Jeffersonville
Contact Jerrol Gates
Type of Business Wood Related Industry
Number of Employees 20

State VT Zip 05464
Title Mgr
Telephone 802-644-2221
Boiler (MMBTU/hr) 5.2



COMPANY/INSTITUTION Bostwick Farm
Address Rte 4, Box 4399
City Shelburne
Contact Chris Davis
Type of Business Non-Wood Related Industry
Number of Employees 5

State VT Zip 05482
Title Manager
Telephone 802-985-2002
Boiler (MMBTU/hr) 2.1

COMPANY/INSTITUTION Bradford Veneer & Panel
Address Mill Street
City Bradford
Contact Quentin Malmquist
Type of Business Wood Related Industry
Number of Employees 105

State VT Zip 05033
Title Plt Mgr
Telephone 802-222-5241
Boiler (MMBTU/hr) 5.0

COMPANY/INSTITUTION Branchwood Inc.
Address PO Box 268, 6 Pearl S
City Randolph
Contact Clark Bothfeld
Type of Business Wood Related Industry
Number of Employees 35

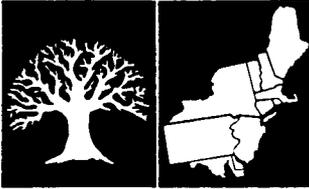
State VT Zip 05060
Title Pres
Telephone 802-728-3386
Boiler (MMBTU/hr) 17.2

COMPANY/INSTITUTION Brattleboro Dry Kiln
Address 36 Frost St., Box 296
City Brattleboro
Contact Maurice Roy
Type of Business Wood Related Industry
Number of Employees 32

State VT Zip 05301
Title Gen Mgr
Telephone 802-254-4528
Boiler (MMBTU/hr) 8.0

COMPANY/INSTITUTION Bravakis's Maple Syrup
Address Box 1055
City Worchester
Contact Lou Bravaki
Type of Business Non-Wood Related Industry
Number of Employees 2

State VT Zip 05682
Title Owner
Telephone 802-229-0958
Boiler (MMBTU/hr) 1.5



COMPANY/INSTITUTION Burlington Electric Dept.
Address 585 Pine St.
City Burlington
Contact John Irving
Type of Business Public/Private Utility
Number of Employees 180

State VT Zip 05401
Title Plant Mgr.
Telephone 802-658-0300
Boiler (MMBTU/hr) 725.0

COMPANY/INSTITUTION Calais Elementary School
Address Box 78
City Calais
Contact Tim Maker
Type of Business School/College/Univ.
Number of Employees

State VT Zip 05648
Title Energy Coord
Telephone 802-223-6918
Boiler (MMBTU/hr) 0.5

COMPANY/INSTITUTION Cantwell Greenhouses
Address RD 1760
City Plainfield
Contact Dick Cantwell
Type of Business Non-Wood Related Industry
Number of Employees

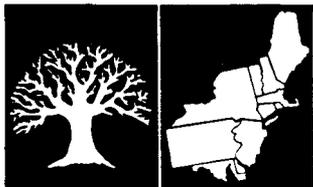
State VT Zip 05667
Title President
Telephone 802-454-7148
Boiler (MMBTU/hr) 1.0

COMPANY/INSTITUTION Carpenter Maple Syrup
Address P.O. Box 133
City Derby
Contact Charles Carpenter
Type of Business Non-Wood Related Industry
Number of Employees 2

State VT Zip 05829
Title Owner
Telephone 802-766-2666
Boiler (MMBTU/hr) 0.5

COMPANY/INSTITUTION Carris Reels
Address PO Box 696
City Rutland
Contact Pat Mondella
Type of Business Wood Related Industry
Number of Employees 2499

State VT Zip 05701
Title Plt Mgr
Telephone 802-773-9111
Boiler (MMBTU/hr) 17.0



COMPANY/INSTITUTION Cersosimo Lumber Co.
Address RFD #3 Box 9
City Brattleboro
Contact Mr. Carrier
Type of Business Wood Related Industry
Number of Employees 100

State VT Zip 05301
Title Mgr
Telephone 802-254-4508
Boiler (MMBTU/hr) 40.0

COMPANY/INSTITUTION Claire Lathrop Band Mill
Address
City Bristol
Contact Jim Lathrop
Type of Business Wood Related Industry
Number of Employees 35

State VT Zip 05443
Title VP
Telephone 802-453-3606
Boiler (MMBTU/hr) 9.1

COMPANY/INSTITUTION Columbia Forest Products 1 of 2
Address Box 217 Union St.
City Newport
Contact John Byers
Type of Business Wood Related Industry
Number of Employees 250

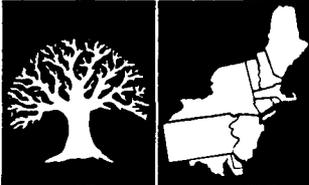
State VT Zip 05855
Title Engineer
Telephone 802-334-6711
Boiler (MMBTU/hr) 8.0

COMPANY/INSTITUTION Decker Energy Internation
Address
City E. Ryegate
Contact John Weesner
Type of Business Public/Private Utility
Number of Employees

State VT Zip 05042
Title Proj Mgr
Telephone 305-628-8900
Boiler (MMBTU/hr) 85.0

COMPANY/INSTITUTION Dixie Bobbin Co.
Address 83 S. Main St.
City Barre
Contact Mr. Hutchins
Type of Business Wood Related Industry
Number of Employees 38

State VT Zip 05641
Title Mgr
Telephone 802-479-1091
Boiler (MMBTU/hr)



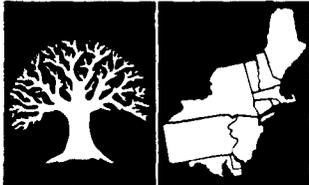
COMPANY/INSTITUTION Ethan Allen Inc. 4 of 6
Address P.O. Box 217
City Beecher Falls State VT Zip 05902
Contact Brendon Cote Title Engineer
Type of Business Wood Related Industry Telephone 802-266-3355
Number of Employees 465 Boiler (MMBTU/hr) 38.0

COMPANY/INSTITUTION Ethan Allen Inc. 3 of 6
Address P.O. Box 217
City Beecher Falls State VT Zip 05902
Contact Brendon Cote Title Eng
Type of Business Wood Related Industry Telephone 802-266-3355
Number of Employees 465 Boiler (MMBTU/hr) 27.0

COMPANY/INSTITUTION Ethan Allen Inc. 5 of 6
Address P.O. Box 205
City Orleans State VT Zip 05860
Contact Clayton Burbank Title Supr.
Type of Business Wood Related Industry Telephone 802-754-8521
Number of Employees 600 Boiler (MMBTU/hr) 25.0

COMPANY/INSTITUTION Ethan Allen, Inc. 6 of 6
Address P.O. Box 424
City Randolph State VT Zip 05060
Contact Ron Comette Title Plt Mgr
Type of Business Wood Related Industry Telephone 802-728-3315
Number of Employees 175 Boiler (MMBTU/hr)

COMPANY/INSTITUTION Flood Brook Union School
Address P.O. Box 68
City Londonderry State VT Zip 05148
Contact Nora-Ellen Spaulding Title Principal
Type of Business School/College/Univ. Telephone 802-824-6811
Number of Employees 50 Boiler (MMBTU/hr) 1.0



COMPANY/INSTITUTION George F. Adams Co.
Address Mill Road
City Moscow
Contact Kim Adams
Type of Business Wood Related Industry
Number of Employees 40

State VT Zip 05662
Title Mgr
Telephone 802-253-7510
Boiler (MMBTU/hr) 1.7

COMPANY/INSTITUTION Georgia Pacific Corp. 1 of 2
Address Whitefield Division
City Gilman
Contact David G. Blanchette
Type of Business Wood Related Industry
Number of Employees 220

State VT Zip 05904
Title Energy Mgr.
Telephone 802-892-5515
Boiler (MMBTU/hr) 100.0

COMPANY/INSTITUTION Granville Mfg. Co., Inc.
Address Route 100
City Granville
Contact Robert Fuller
Type of Business Wood Related Industry
Number of Employees 25

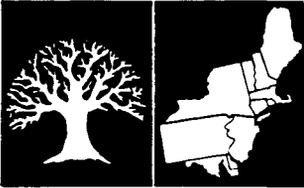
State VT Zip 05747
Title Pres
Telephone 802-767-4747
Boiler (MMBTU/hr) 0.5

COMPANY/INSTITUTION Green Mountain Log Homes
Address PO Box 428
City Chester
Contact Sean Schaeffner
Type of Business Wood Related Industry
Number of Employees

State VT Zip 05143
Title President
Telephone 802-875-2163
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Green Mountain Pellet Inc
Address P.O. Box 4327
City Burlington
Contact Pat Irish
Type of Business Wood Related Industry
Number of Employees 13

State VT Zip 05406
Title President
Telephone 802-862-9228
Boiler (MMBTU/hr) 66.6



COMPANY/INSTITUTION H.P. Kiln Corporation
Address Box B
City Chester
Contact Hugh Pennell
Type of Business Wood Related Industry
Number of Employees 50

State VT Zip 05143
Title Pres
Telephone 802-875-2102
Boiler (MMBTU/hr) 2.5

COMPANY/INSTITUTION Hale Company
Address
City E. Arlington
Contact Ron Bennett
Type of Business Wood Related Industry
Number of Employees 90

State VT Zip 05252
Title Mgr
Telephone 802-375-6511
Boiler (MMBTU/hr) 8.6

COMPANY/INSTITUTION Haynes Brothers, Inc.
Address PO Box 577
City Wilmington
Contact Ted Boggio
Type of Business Wood Related Industry
Number of Employees 26

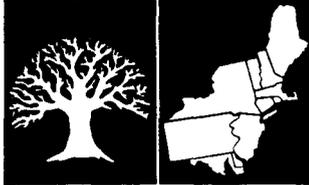
State VT Zip 05363
Title Owner
Telephone 802-464-2141
Boiler (MMBTU/hr) 12.1

COMPANY/INSTITUTION Hillsboro Sugarworks
Address 30 Pleasant Street
City Bristol
Contact David Folino
Type of Business Non-Wood Related Industry
Number of Employees

State VT Zip 05443
Title Owner
Telephone 802-453-2489
Boiler (MMBTU/hr) 3.0

COMPANY/INSTITUTION Lamell Lumber Corporation
Address 82A Jericho Rd.
City Essex Jct.
Contact Ronald Lamell
Type of Business Wood Related Industry
Number of Employees 20

State VT Zip 05452
Title Pres
Telephone 802-878-2475
Boiler (MMBTU/hr) 5.0



COMPANY/INSTITUTION Lyndon Woodworking, Inc.
Address Box 45
City Lyndon
Contact David Allard
Type of Business Wood Related Industry
Number of Employees 8

State VT Zip 05849
Title President
Telephone 802-626-8882
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Manchester Wood
Address Route 11
City Manchester
Contact Jon Jamieson
Type of Business Wood Related Industry
Number of Employees

State VT Zip 05255
Title Vice Pres.
Telephone 802-362-2229
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Marty Moore Greenhouses
Address P.O. Box 407
City Bennington
Contact Clover Sweet, Jr.
Type of Business Greenhouse/Nursery
Number of Employees 5

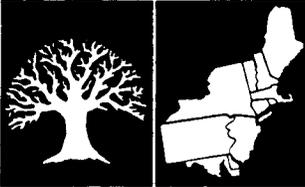
State VT Zip 05201
Title Pres
Telephone 802-442-2441
Boiler (MMBTU/hr) 3.4

COMPANY/INSTITUTION Montgomery Schoolhouse
Address P.O. Box 33
City Montgomery
Contact Vernon Bollard
Type of Business Wood Related Industry
Number of Employees 50

State VT Zip 05470
Title VP
Telephone 802-326-4272
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Montpelier H'way Garage
Address 2 Prospect St.
City Montpelier
Contact Dean Utton
Type of Business Public Facility
Number of Employees 26

State VT Zip 05602
Title Clerk
Telephone 802-223-9510
Boiler (MMBTU/hr) 0.2



COMPANY/INSTITUTION National Clothespin Co.
Address Box 427
City Montpelier
Contact Peter Merrill
Type of Business Wood Related Industry
Number of Employees 20

State VT Zip 05602
Title Mgr
Telephone 802-223-7332
Boiler (MMBTU/hr) 1.1

COMPANY/INSTITUTION North Country Union H.S.
Address Veteran Ave.
City Newport
Contact Ron Chaffee
Type of Business School/College/Univ.
Number of Employees 5

State VT Zip 05855
Title Bldg Sup
Telephone 802-334-7921
Boiler (MMBTU/hr) 3.0

COMPANY/INSTITUTION Northfield Wood Products
Address Box 147
City Northfield
Contact Walter Delia
Type of Business Wood Related Industry
Number of Employees 50

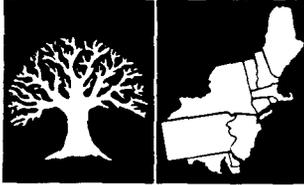
State VT Zip 05663
Title Supr.
Telephone 802-485-6411
Boiler (MMBTU/hr) 1.2

COMPANY/INSTITUTION Northland Products, Inc.
Address 117 Troy Street
City Richford
Contact James C. O'Brien
Type of Business Wood Related Industry
Number of Employees

State VT Zip 05476
Title President
Telephone 802-848-7726
Boiler (MMBTU/hr) 1.5

COMPANY/INSTITUTION Ox-Yoke Farm
Address RFD #3 Box 68
City Enosburg Falls
Contact Maurice A. Messier
Type of Business Non-Wood Related Industry
Number of Employees

State VT Zip 05450
Title Owner
Telephone 802-933-2543
Boiler (MMBTU/hr) 2.5



COMPANY/INSTITUTION Peoples Academy
Address Rt. 3, Box 40
City Morrisville
Contact Bernie Sheltra
Type of Business School/College/Univ.
Number of Employees

State VT Zip 05661
Title Principal
Telephone 802-888-4600
Boiler (MMBTU/hr) 2.3

COMPANY/INSTITUTION Pompanoosuc Mills, Inc.
Address Box 38A
City East Thetford
Contact Mark Maytum
Type of Business Wood Related Industry
Number of Employees 30

State VT Zip 05043
Title Saf Adm
Telephone 802-785-4851
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Pratt Read & Co.
Address PO Box 284
City Morrisville
Contact James Carlin
Type of Business Wood Related Industry
Number of Employees 50

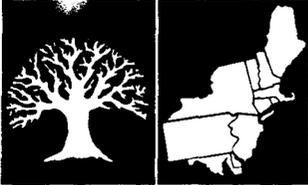
State VT Zip 05661
Title Plt Mgr
Telephone 802-888-7974
Boiler (MMBTU/hr) 8.6

COMPANY/INSTITUTION Roadside Marine
Address Industrial Ave.
City Williston
Contact
Type of Business Misc.
Number of Employees 10

State VT Zip 05495
Title
Telephone 802-863-5523
Boiler (MMBTU/hr) 1.5

COMPANY/INSTITUTION Smith Inc.
Address PO Box 87
City Londonderry
Contact Dick Smith
Type of Business Misc.
Number of Employees 50

State VT Zip 05155
Title Gen Mgr
Telephone 802-824-5515
Boiler (MMBTU/hr) 6.3



COMPANY/INSTITUTION Spartan Industries
Address RFD #1 Box 280
City Fairfield
Contact Thomas P. Fetters
Type of Business Wood Related Industry
Number of Employees 50

State VT Zip 05454
Title Pres.
Telephone 802-849-6060
Boiler (MMBTU/hr) 5.1

COMPANY/INSTITUTION Spate's Business Complex
Address Memphremagog Rental
City Newport
Contact Doug Spates
Type of Business Non-Wood Related Industry
Number of Employees

State VT Zip 05855
Title Owner
Telephone 802-334-6472
Boiler (MMBTU/hr) 3.0

COMPANY/INSTITUTION St. Francis Xavier School
Address St. Peter Street
City Winooski
Contact Clement Poppin
Type of Business School/College/Univ.
Number of Employees 200

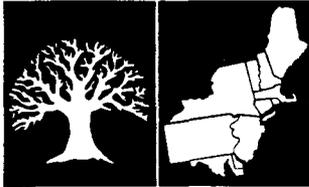
State VT Zip 05404
Title Plt Mgr
Telephone 802-655-2600
Boiler (MMBTU/hr) 1.0

COMPANY/INSTITUTION St. Johnsbury Corr. Cente
Address
City St. Johnsbury
Contact Christopher Owens
Type of Business Public Facility
Number of Employees

State VT Zip 05819
Title Foreman
Telephone 802-748-5655
Boiler (MMBTU/hr) 2.0

COMPANY/INSTITUTION Stanley Tools
Address P.O. Box 559
City Pittsfield
Contact Lou Hoffman
Type of Business Wood Related Industry
Number of Employees 64

State VT Zip 05762
Title Plt Engr.
Telephone 802-746-8330
Boiler (MMBTU/hr) 10.0



COMPANY/INSTITUTION Sweat-Comings Company
Address 30 Main Street
City Richford
Contact Mrs. H.B. Comings
Type of Business Wood Related Industry
Number of Employees 50

State VT Zip 05476
Title Pres
Telephone 802-848-7762
Boiler (MMBTU/hr) 8.6

COMPANY/INSTITUTION Townshend Furniture Co.
Address Route 30
City Townshend
Contact Steven Lott
Type of Business Wood Related Industry
Number of Employees 10

State VT Zip 05353
Title Mgr
Telephone 802-365-7720
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Trading Post
Address 190 River Street
City Montpelier
Contact James Barrett
Type of Business Non-Wood Related Industry
Number of Employees 7

State VT Zip 05602
Title Owner
Telephone 802-223-2702
Boiler (MMBTU/hr) 1.0

COMPANY/INSTITUTION True Temper Corp.
Address P.O. Box 249
City Wallingford
Contact Robert Williams
Type of Business Wood Related Industry
Number of Employees 50

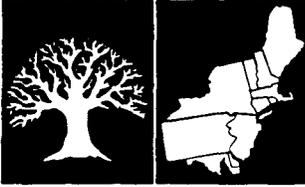
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State VT Zip 05773
Title Plt Mgr
Telephone 802-446-2601
Boiler (MMBTU/hr) 8.6

COMPANY/INSTITUTION True Temper Corp.
Address 104 Portland St
City St. Johnsbury
Contact Phil Williams
Type of Business Wood Related Industry
Number of Employees 21

1 of 2

State VT Zip 05819
Title Plt Mgr
Telephone 802-748-9395
Boiler (MMBTU/hr) 4.2



COMPANY/INSTITUTION VT State Capitol Complex
Address 2 Western Avenue
City Montpelier
Contact Herbert O'Brien
Type of Business Public Facility
Number of Employees

State VT Zip 05602
Title Engineer
Telephone 802-828-3314
Boiler (MMBTU/hr) 10.0

COMPANY/INSTITUTION Vermont Chairs, Inc.
Address P.O. Box 188
City Readsboro
Contact Frank Munroe
Type of Business Wood Related Industry
Number of Employees 38

State VT Zip 05350
Title Mgr
Telephone 802-423-5239
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Vermont State Hospital
Address Main Street
City Waterbury
Contact Herb O'Brien
Type of Business Hospital/Health Care
Number of Employees 200

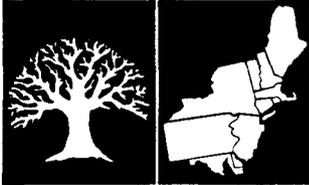
State VT Zip 05676
Title Engineer
Telephone 802-828-3314
Boiler (MMBTU/hr) 10.0

COMPANY/INSTITUTION Vermont Wood Industries
Address Box 293, Maple & Pine
City Bristol
Contact Gordon Wines
Type of Business Wood Related Industry
Number of Employees

State VT Zip 05443
Title Manager
Telephone 802-453-5035
Boiler (MMBTU/hr)

COMPANY/INSTITUTION Weston Priory
Address RR 1, Box 50
City Weston
Contact Bro. Augustine
Type of Business School/College/University
Number of Employees 12

State VT Zip 05161
Title
Telephone 802-824-5409
Boiler (MMBTU/hr) 1.0



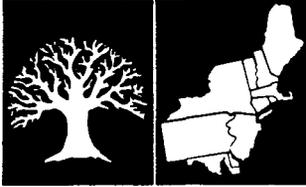
COMPANY/INSTITUTION Weyerhaeuser Company 3 of 3
Address P.O. Box 80
City Hancock State VT Zip 05748
Contact Bob McCubbins Title Mgr
Type of Business Wood Related Industry Telephone 802-767-3111
Number of Employees 100 Boiler (MMBTU/hr)

COMPANY/INSTITUTION Whimsicality, Inc.
Address RD 2
City Barre State VT Zip 05641
Contact Pierre Coucher Title owner
Type of Business Non-Wood Related Industry Telephone 802-479-1009
Number of Employees 20 Boiler (MMBTU/hr) 0.2

COMPANY/INSTITUTION Windsor Correc. Facility
Address RR 1 Box 680
City Windsor State VT Zip 05089
Contact Franklin George Title Mgr
Type of Business Public Facility Telephone 802-674-6723
Number of Employees Boiler (MMBTU/hr)

Section Three:

**Detailed Descriptions of
Wood Energy Users**



Hitchcock Chair Company
PO Box 507
New Hartford, CT 06065
203-379-8531

CONTACT PERSON: Doug Kenneson TITLE: Plt Eng # Of Employees: 335
Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 9.0
Steam 9,000 pounds/hr at 135 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Sawdust		
Volume (per year):	2,200.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	scraps, sawdust	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:	hardwood	
Avg. Moisture Content % (WB):	15	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: scraps & sawdust
Volume Used for Energy: 2,200 tons/year
Volume Disposed of: tons/year
Are Wood Wastes Presently Sold for Fuel?
Would the Company like to sell wastes in the future?

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	tractor trailer	
Storage	trucks & silo	
Handling	screw augers	
Screening/Drying	Hammermill & screen	
Combustion	2-fuel builtup blr	
Air Emissions	baghouse	
Ash Disposal	bins	
Cogeneration	in 1987	

OPERATION AND MAINTENANCE

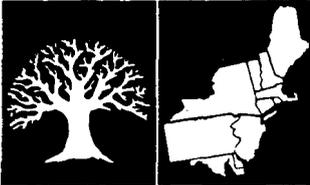
Began Using Wood In: JAN 1 81
Portion of Total Operating Time for Downtimes: 15%

COSTS

Total Equipment Costs: \$600,000 Other Fuel Costs: \$
Funding Sources: loan Wood Fuel Costs: \$

COMMENTS:

Site visits, advice from engineers. Make sure that handling and processing equipment is specifically designed for your plant.



Hull Forest Products
 RR 1 Box 106
 Pomfret Center, CT 06259
 203-974-0127

CONTACT PERSON: William B. Hull TITLE: Pres. # Of Employees: 37
 Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 4.1
 Steam 4,100 pounds/hr at 240 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Sawdust	Hogged	
Volume (per year):	3,900.0 Tons	2,600.0 tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	sawdust	hogged fuel
Cost (per ton):		
Source of Fuel:	sawmill	on-site
Hard or Soft Wood:	mixed	mixed
Avg. Moisture Content % (WB):	50	50

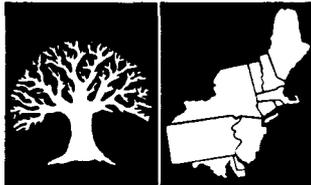
FIRMS THAT PRODUCE WOOD WASTE
 Type of Wood Wastes Produced: chips sawdst hog
 Volume Used for Energy: tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel? Y
 Would the Company like to sell wastes in the future?

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	silos, unloader	Laidig
Storage	silos (spruce)	Unidillo
Handling	screw conveyors	Laidig
Screening/Drying	none	
Combustion	fire tube boiler	Abco 125 HP
Air Emissions	wet scrubber	Fishel Klostlun
Ash Disposal	mechanical precipita	Zurn
Cogeneration	stage condens turb	Coppus

OPERATION AND MAINTENANCE
 Began Using Wood In: JAN 1 83
 Portion of Total Operating Time for Downtimes: 5%

COSTS
 Total Equipment Costs: \$450,000 Other Fuel Costs: \$
 Funding Sources: lease pkg Wood Fuel Costs: \$

COMMENTS:
 The company no longer burns wood.



Wm. Pinchbeck Inc.
 929 Boston Post Road
 Guilford, CT 06437
 203-453-2186

CONTACT PERSON: William Pinchbeck TITLE: Owner # Of Employees: 25
 Company Description: Greenhouse/Nursery

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 10.0
 Steam 10,000 pounds/hr at 120 psig

COGENERATION

Electricity Produced On-Site: 112,300 KWH/year
 Amount of Power Sold: KWH/year
 Power Sold to: Northeast Utilities

Price of Power Sold \$/KWH

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Chips	Sawdust	
Volume (per year):	3,000.0 Tons	3,000.0 Tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	wood chips	sawdust
Cost (per ton):	12.00	10.00
Source of Fuel:	broker	sawmills
Hard or Soft Wood:	hardwood	mixed
Avg. Moisture Content % (WB):	50	50

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	tractor trailer	
Storage	outside pile	
Handling	pneumatic feed	
Screening/Drying	none	
Combustion	retrofit coal boiler	International
Air Emissions	none	
Ash Disposal	manual, onsite disp.	
Cogeneration	yes	

OPERATION AND MAINTENANCE

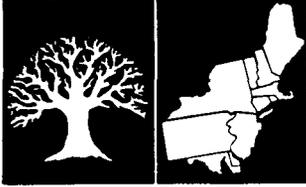
Began Using Wood In: JAN 1 80
 Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$
 Funding Sources: Wood Fuel Costs: \$66,000.00

COMMENTS:

Owner very satisfied with wood/cogen system
 and is replacing the pneumatic feed with a screw auger feed. 1 year
 payback for boiler and 4 yr for cogen equipment anticipated.



Cooley Dickinson Hospital
 20 Locust St.
 Northampton, MA 01060
 413-584-4090

CONTACT PERSON: Fred MacInnis TITLE: Chief Eng. # Of Employees:
 Company Description: Hospital/Health Care

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 20.0
 Steam 20,000 pounds/hr at psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Chips		
Volume (per year):	7,000.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	wood chips	
Cost (per ton):	22.00	
Source of Fuel:	loggers/bkrs	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):	45	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	truck, unloader	
Storage	metal storage bldg	
Handling	screw conveyors	
Screening/Drying	rotary drier & shkr	
Combustion	built up boiler	Zurn
Air Emissions	cyclone separator	
Ash Disposal	bins, landsread	
Cogeneration	none	

OPERATION AND MAINTENANCE

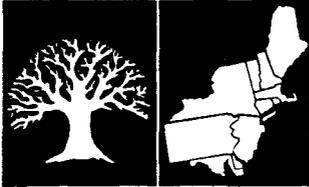
Began Using Wood In: JAN 1 82
 Portion of Total Operating Time for Downtimes: 10%

COSTS

Total Equipment Costs: \$1,300,000	Other Fuel Costs: \$15,000.00
Funding Sources: int & Fed	Wood Fuel Costs: \$154,000.00

COMMENTS:

Ant. payback is 5-6 yrs. Received advice from site visits and MA engineering firms.



Cummington Mfg. Co.
 R R 1 Box 7
 Cummington, MA 01026
 413-634-5540

CONTACT PERSON: Richard Wolf TITLE: Pres # Of Employees: 8
 Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): Handfired

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Kindling		
Volume (per year):	90.0 tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	kindling	
Cost (per ton):		
Source of Fuel:	mfg cut offs	
Hard or Soft Wood:	hardwood	
Avg. Moisture Content % (WB):	10	

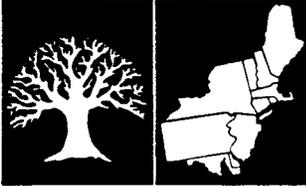
FIRMS THAT PRODUCE WOOD WASTE
 Type of Wood Wastes Produced: hard wood cutoffs
 Volume Used for Energy: 100 tons/year
 Volume Disposed of: 50 tons/year
 Are Wood Wastes Presently Sold for Fuel? Y
 Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage	inside pile	
Handling	hand fired	
Screening/Drying	none	
Combustion	wood boiler	Dillon
Air Emissions	none	
Ash Disposal	shovel	
Cogeneration	none	

OPERATION AND MAINTENANCE
 Began Using Wood In: JAN 1 36
 Portion of Total Operating Time for Downtimes: 5%

COSTS
 Total Equipment Costs: \$ Other Fuel Costs: \$
 Funding Sources: Wood Fuel Costs: \$

COMMENTS:
 Beware of state and federal regulations. We sell our extra wood waste to homeowners. Our old boiler is used for space heating and a small kiln.



Dirth Lumber Home & Cente
Rt 2A
Orange, MA 01364
617-575-0427

CONTACT PERSON: Sid Mann TITLE: Pres. # Of Employees: 7
Company Description: Wood Related Industry SIC Code: 5220

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 1.0 Handfired

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#2 Oil	Chunk Wood	
Volume (per year):	1,000.0 Gallons	30.0 Cords	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	cord wood	cord wood
Cost (per ton):	50.00	
Source of Fuel:	local dealers	
Hard or Soft Wood:	hardwood	
Avg. Moisture Content % (WB):	50	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: wood scraps
Volume Used for Energy: tons/year
Volume Disposed of: tons/year
Are Wood Wastes Presently Sold for Fuel? N
Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	trucks	
Storage	wheeled racks	
Handling	manual	GMLB forklift
Screening/Drying	none	
Combustion	#36 furnace	G & S Mill
Air Emissions	none	
Ash Disposal	manual	
Cogeneration	none	

OPERATION AND MAINTENANCE

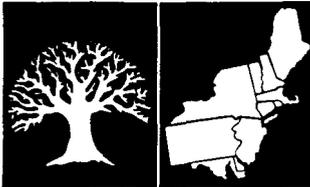
Began Using Wood In: JAN 1 80
Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$25,000 Other Fuel Costs: \$1,000.00
Funding Sources: Wood Fuel Costs: \$1,500.00

COMMENTS:

Did our own research and visited existing sites.



E. Norris Browne Co., Inc
 P O Box 431
 Whitman, MA 02382
 617-447-4464

CONTACT PERSON: Dayne Linn TITLE: Plant Super. # Of Employees: 55
 Company Description: Wood Related Industry SIC Code: 2498

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 2.0 Handfired

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#2 Oil	Residue	
Volume (per year):	18,000.0 Gallons	15.0 tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	blocks	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:	hardwood	
Avg. Moisture Content % (WB):	8	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: hardwood blocks, etc
 Volume Used for Energy: 15 tons/year
 Volume Disposed of: 75 tons/year
 Are Wood Wastes Presently Sold for Fuel? N
 Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage	inside	
Handling	manual	
Screening/Drying	none	
Combustion	furnace	Hunter
Air Emissions	none	
Ash Disposal	manual	
Cogeneration	none	

OPERATION AND MAINTENANCE

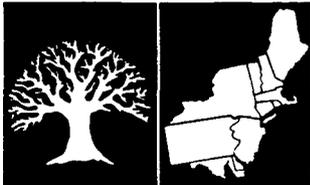
Began Using Wood In: JAN 1 79
 Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$1,800	Other Fuel Costs: \$14,472.00
Funding Sources: internal	Wood Fuel Costs: \$

COMMENTS:

Have had some visible smoke emission.



Hatheway & Patterson
15 County St Box 177
Mansfield, MA 02048
617-339-8934

CONTACT PERSON: Bill Haynes TITLE: Mgr # Of Employees: 43
Company Description: Wood Related Industry SIC Code: 24

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 2.0 Handfired

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#2 Oil		
Volume (per year):	72,000.0 Gallons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	blocks, chips, dust	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:	softwood	
Avg. Moisture Content % (WB):	20	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: blocks, chips, dust
Volume Used for Energy: 800 tons/year
Volume Disposed of: 650 tons/year
Are Wood Wastes Presently Sold for Fuel? N
Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	lift trucks	
Storage		
Handling	manual	
Screening/Drying	none	
Combustion	wood boiler	G & S Mill
Air Emissions	none	
Ash Disposal	landspread	
Cogeneration	none	

OPERATION AND MAINTENANCE

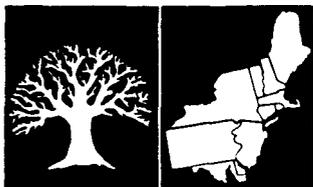
Began Using Wood In: JAN 1 83
Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$15,000 Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$

COMMENTS:

Did research in trade publications. Have
one 1.5 million BTU boiler and one 200,000 BTU boiler.



M.H. Parks Co.
Box 307
Winchendon, MA 01475
617-297-0012

CONTACT PERSON: Martin Parks TITLE: Owner # Of Employees:
Company Description: Wood Related Industry SIC Code: 24

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 2.9
Steam 2,900 pounds/hr at psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#2 Oil	Mill Wastes	
Volume (per year):	6,000.0 Gallons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	shavings, sawdust	
Cost (per ton):		
Source of Fuel:	on site	
Hard or Soft Wood:		
Avg. Moisture Content % (WB):	15	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: sawdust, shavings
Volume Used for Energy: tons/year
Volume Disposed of: tons/year
Are Wood Wastes Presently Sold for Fuel? N
Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage	inside bin	
Handling	chain/auger/blower	
Screening/Drying	kiln dried	
Combustion	wood boiler	
Air Emissions	none	
Ash Disposal	manual/landspread	
Cogeneration	none	

OPERATION AND MAINTENANCE

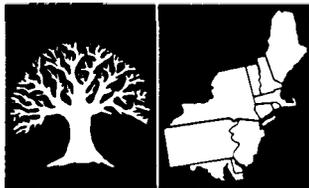
Began Using Wood In: JAN 1 76
Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$4,800.00
Funding Sources: Wood Fuel Costs: \$

COMMENTS:

Believe very strongly in wood energy.
Strongly recommends using wood and wood wastes for energy.



Mohawk Plastics
Industrial Drive
Turner's Falls, MA 01376
413-863-2225

CONTACT PERSON: Phil Phillips TITLE: Chief Eng # Of Employees: 35
Company Description: Non-Wood Related Industry SIC Code: 28

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 15.0
Steam 15,000 pounds/hr at 25 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#2 Oil	Chips	
Volume (per year):	3,000.0 Gallons	15,000.0 Tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	whole tree chips	
Cost (per ton):	21.00	
Source of Fuel:	brokers	
Hard or Soft Wood:	hardwood	
Avg. Moisture Content % (WB):	40	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	self-unloading truck	
Storage	chip silo	Laidig
Handling	screw augers	Laidig
Screening/Drying	screen	Rader
Combustion	HRT boiler	ABCO
Air Emissions	cyclone separator	
Ash Disposal	auto, landsread	
Cogeneration	none yet	

OPERATION AND MAINTENANCE

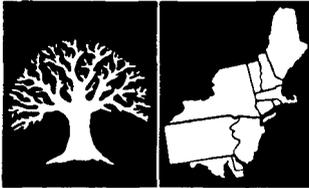
Began Using Wood In: JAN 1 84
Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$750,000 Other Fuel Costs: \$2,000.00
Funding Sources: internal Wood Fuel Costs: \$315,000.00

COMMENTS:

Very satisfied with their system.
Highly recommend working with engineering firm with wood energy experience.



Montgomery Rose Co, Inc.
 350 Russell St
 Hadley, MA 01035
 413-584-4273

CONTACT PERSON: Ted Johnson TITLE: Pres # Of Employees: 70
 Company Description: Greenhouse/Nursery SIC Code: 181

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 48.0
 Steam 48,000 pounds/hr at 140 psig

COGENERATION
 Electricity Produced On-Site: 1,250,000 KWH/year
 Amount of Power Sold: 750,000 KWH/year
 Power Sold to: Northeast Utilities
 Price of Power Sold 0.05 \$/KWH

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#2 Oil	LP Gas	Chips
Volume (per year):	44,308.0 Gallons	40,565.0 Gallons	15,000.0 Tons

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	wood chips	
Cost (per ton):	12.60	
Source of Fuel:	land clearing	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):		

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	truck dumper	Kewaunee
Storage	outdoor piles, bin	
Handling	conveyors	
Screening/Drying	dryer	Forest Fuels
Combustion	2 retrofit coal boil	
Air Emissions	multiclones, scrubbr	Zurn, Fischer Klus.
Ash Disposal	land fill on site	
Cogeneration	yes	Turbodyne

OPERATION AND MAINTENANCE

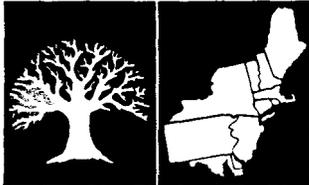
Began Using Wood In: JAN 1 78
 Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$2,000,000	Other Fuel Costs: \$
Funding Sources: internal	Wood Fuel Costs: \$189,000.00

COMMENTS:

Find someone to advise you that can
 dedicate a lot of time and not get discouraged. Visit
 current users.



Northfield Mt. Hermon
 Buildings & Grounds
 Northfield, MA 01360
 413-498-5311

CONTACT PERSON: George West TITLE: Bld Dir # Of Employees: 1150
 Company Description: School/College/Univ.

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 12.0
 Steam 12,000 pounds/hr at 125 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Chips	Residue	
Volume (per year):	4,250.0 Tons	4,250.0 tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	wood chips	residue chips
Cost (per ton):	21.50	21.50
Source of Fuel:	brokers	local mills
Hard or Soft Wood:	hardwood	mixed
Avg. Moisture Content % (WB):	50	10

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	tractor trailers	
Storage	silo 250 ton	
Handling	screw augers	
Screening/Drying	disc screen	Zinch
Combustion	stationary grate blr	Cyclotherm
Air Emissions	multicyclone	
Ash Disposal	spread on grounds	
Cogeneration	none	

OPERATION AND MAINTENANCE

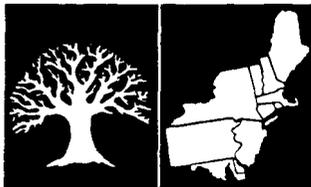
Began Using Wood In: JAN 1 81
 Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$1,000,000	Other Fuel Costs: \$
Funding Sources: internal	Wood Fuel Costs: \$18,300.00

COMMENTS:

Stopped burning wood in late 1985.
 Will burn wood again when #6 oil rises to \$28-32 per barrel.



Shelburne Center Greenhou
 Bardwells Ferry Road
 Shelburne, MA 01370
 413-625-2431

CONTACT PERSON: Jim Richardson TITLE: Owner # Of Employees: 10
 Company Description: Greenhouse/Nursery

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 2.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Wood Chips	#2 Oil	
Volume (per year):	200.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	chips, residue	
Cost (per ton):	14.00	
Source of Fuel:	local sawmills	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):	45	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	tractor trailers	
Storage	storage shed	
Handling	screw augers	
Screening/Drying	none	
Combustion	conv coal boiler	H.B. Smith
Air Emissions	none	
Ash Disposal	manual, landfill	
Cogeneration	none	

OPERATION AND MAINTENANCE

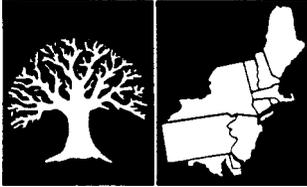
Began Using Wood In: JAN 1 84
 Portion of Total Operating Time for Downtimes: 10%

COSTS

Total Equipment Costs: \$26,000	Other Fuel Costs: \$
Funding Sources: farm loan	Wood Fuel Costs: \$2,800.00

COMMENTS:

Owner very satisfied, plans to install 2nd wood boiler in future and improve self-feeding mechanism.



St. Joseph's Abbey
Rte 31
Spencer, MA 01562
617-885-3901

CONTACT PERSON: Br. Paul F. Forster TITLE: Manager # Of Employees: 85
Company Description: School/College/Univ.

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 8.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Wood Chips		
Volume (per year):	2,300.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	hard wood chips	
Cost (per ton):	16.00	
Source of Fuel:	Curtis Forest Prod.	
Hard or Soft Wood:	Hard	
Avg. Moisture Content % (WB):	40	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	live floor trailers	H. Lancini, Co.
Storage	100 ton silo	Madison Silo
Handling	screw augers	Wolf
Screening/Drying	wood burner	Conifer
Combustion	wood boiler	Keebler
Air Emissions	none	
Ash Disposal	manual clean out	
Cogeneration	none	

OPERATION AND MAINTENANCE

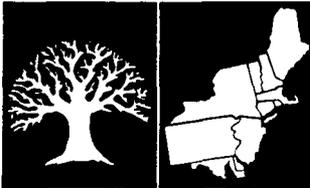
Began Using Wood In: FEB 22 82
Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$750,000
Funding Sources: internal
Other Fuel Costs: \$
Wood Fuel Costs: \$34,500.00

COMMENTS:

System has performed very well. No fans needed. Burner well built and meets EPA requirements. They expect a 5-yr payback.



Tower Hill Farm
RR 1, Box 184
Brimfield, MA 01010
413-245-9989

CONTACT PERSON: Peter Field TITLE: Owner # Of Employees: 5
Company Description: Greenhouse/Nursery

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 2.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Wood Chips	LPG	
Volume (per year):	600.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	wood chips	
Cost (per ton):	22.50	
Source of Fuel:	broker	
Hard or Soft Wood:	hardwood	
Avg. Moisture Content % (WB):	40	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	self-unload trucks	
Storage	3-sided bunker	custom
Handling	screw conveyors	
Screening/Drying	none	
Combustion	hot air furnace	G & S Mill
Air Emissions	none	
Ash Disposal	manual, site compost	
Cogeneration	none	

OPERATION AND MAINTENANCE

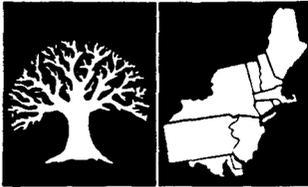
Began Using Wood In: JAN 1 84
Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$70,000	Other Fuel Costs: \$8,000.00
Funding Sources: loan	Wood Fuel Costs: \$13,500.00

COMMENTS:

The owner is very satisfied; he feels that high quality fuel is important. An automatic alarm system is used to monitor temperature. He is planning to install an additional boiler in the future.



Williams Per. Gardens
 163 S Main St
 Sherborn, MA 01770
 617-653-0070

CONTACT PERSON: Bill Williams TITLE: Owner # Of Employees:
 Company Description: Greenhouse/Nursery

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 0.5

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Chips		
Volume (per year):	125.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	residue chips	
Cost (per ton):	24.00	
Source of Fuel:	sawmill	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):	45	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	tractor trailers	
Storage	outdoor pile	
Handling	drag chain conveyor	
Screening/Drying	none	
Combustion	hot-air furnace	Alternative Energy
Air Emissions	none	
Ash Disposal	manual, landspread	
Cogeneration	none	

OPERATION AND MAINTENANCE

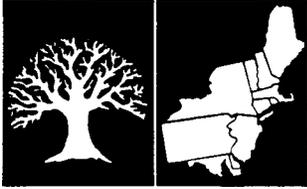
Began Using Wood In: JAN 1 79
 Portion of Total Operating Time for Downtimes: 10%

COSTS

Total Equipment Costs: \$15,000	Other Fuel Costs: \$
Funding Sources: internal & loan	Wood Fuel Costs: \$3,000.00

COMMENTS:

Plans to build a covered storage bin close to the building and to convert a second greenhouse from oil to wood.



E. Correctional Institute
 301 W. Preston St
 Baltimore, MD 21201
 301-225-4350

CONTACT PERSON: Frank Farlow TITLE: Proj Mgr # Of Employees:
 Company Description: Public/Private Utility

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 50.0
 Steam 50,000 pounds/hr at 600 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:			
Volume (per year):			

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	whole tree chips	
Cost (per ton):		
Source of Fuel:		
Hard or Soft Wood:		
Avg. Moisture Content % (WB):		

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery		
Storage		
Handling	screen, hogger	Bulk handling Syst
Screening/Drying	magnet	
Combustion	stoker grate	Detroit Stoker/Clvr
Air Emissions	centr. sep.	Breslove
Ash Disposal	pneumatic	Cleaver Brooks
Cogeneration		

OPERATION AND MAINTENANCE

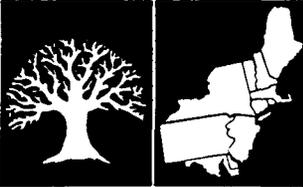
Began Using Wood In:
 Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$	Other Fuel Costs: \$
Funding Sources: State	Wood Fuel Costs: \$

COMMENTS:

Plant nearing completion. Total equipment costs: 14 million.
 Expected payback period 3-4 yrs.



J.V. Wells, Inc.
 Box 526
 Sharptown, MD 21861
 301-883-3196

CONTACT PERSON: J.V. Wells TITLE: President # Of Employees: 120
 Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 24.0
 Steam 25,000 pounds/hr at psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Wood Chips	Shavings	
Volume (per year):	9,800.0 Tons	850.0 Tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	Wood Chips	Shavings
Cost (per ton):	14.37	21.12
Source of Fuel:	Mill by products	Planer by prod
Hard or Soft Wood:	soft	soft
Avg. Moisture Content % (WB):	5	18

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: Mill by products
 Volume Used for Energy: 10,650 tons/year
 Volume Disposed of: 43,318 tons/year
 Are Wood Wastes Presently Sold for Fuel? N
 Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery		
Storage		
Handling		
Screening/Drying	Wood fuel boiler	Saxton Air Co.
Combustion	Forced air - preheat	Saxton Air Co.
Air Emissions	Air Scrubber	Zurn Co.
Ash Disposal		Zurn Co.
Cogeneration		

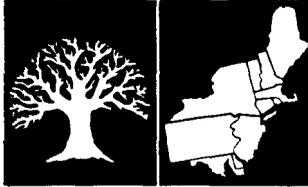
OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 85
 Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$600,000	Other Fuel Costs: \$
Funding Sources: Loan & internal	Wood Fuel Costs: \$140,830.00

COMMENTS:



A.R. Lavalley, Inc.
 PO Box P
 Sanford, ME 04073
 207-324-3350

CONTACT PERSON: Terry Walters TITLE: Forester # Of Employees: 150
 Company Description: Wood Related Industry SIC Code: 2411

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 24.0
 Steam 24,000 pounds/hr at psig

COGENERATION Capacity 6.4 Megawatts
 Electricity Produced On-Site: 4,800,000 KWH/year
 Amount of Power Sold: 2,400,000 KWH/year
 Power Sold to: Central Maine Power Company
 Price of Power Sold \$/KWH

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Chips	Sawdust	
Volume (per year):	1,200.0 Tons	5,500.0 Tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	mill residues	wood chips
Cost (per ton):		12.00
Source of Fuel:	on-site	loggers
Hard or Soft Wood:	mixed	mixed
Avg. Moisture Content % (WB):	30	45

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: mill residue, chips
 Volume Used for Energy: 6,700 tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel? Y
 Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	chipped at plant	
Storage	silo	
Handling	residues blown	
Screening/Drying	none	
Combustion	HRT boiler	Industrial Boiler Co
Air Emissions	cyclone separator	Zurn, Inc.
Ash Disposal		
Cogeneration	yes	

OPERATION AND MAINTENANCE

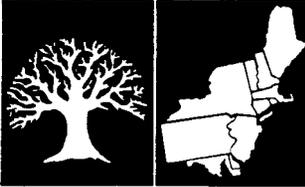
Began Using Wood In: JAN 1 81
 Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$	Other Fuel Costs: \$
Funding Sources: internal	Wood Fuel Costs: \$14,400.00

COMMENTS:

Company is saving 65% of fuel bill each year. Energy used for cogeneration, kilns, and space heat.



Andover Wood Products
 P.O. Box 38 N. Main
 Andover, ME 04216
 207-392-2101

CONTACT PERSON: G.A. Mahler TITLE: P.A. # Of Employees: 118
 Company Description: Wood Related Industry SIC Code: 2426

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 7.5
 Steam 7,500 pounds/hr at 90 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#6 Oil	Shavings	
Volume (per year):	4,000.0 Gallons	3,650.0 tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	shavings	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:	hardwood	
Avg. Moisture Content % (WB):	6	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: sawdust, shavings
 Volume Used for Energy: 3,650 tons/year
 Volume Disposed of: 8,250 tons/year
 Are Wood Wastes Presently Sold for Fuel? Y
 Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage	shed	
Handling	conveyor chain	
Screening/Drying	already dried	
Combustion	boiler	Dillon
Air Emissions	does not apoply	
Ash Disposal	own dump	
Cogeneration	none	

OPERATION AND MAINTENANCE

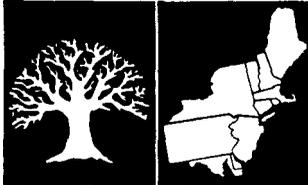
Began Using Wood In: JAN 1 36
 Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$	Other Fuel Costs: \$
Funding Sources:	Wood Fuel Costs: \$

COMMENTS:

Sell some wastes (chips and dust).



Babcock Ultrapower 1 of 2
PO Box 317
W. Enfield, ME 04493
207-732-4151

CONTACT PERSON: Roger Day TITLE: Plt Mgr # Of Employees: 23
Company Description: Public/Private Utility

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 83.6

COGENERATION Capacity 24.5 Megawatts
Electricity Produced On-Site: KWH/year
Amount of Power Sold: KWH/year
Power Sold to: local utility
Price of Power Sold \$/KWH
FUEL USE FUEL #1 FUEL #2 FUEL #3
Fuel Type: Chips
Volume (per year): 170,000.0 Tons

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	wood chips	
Cost (per ton):		
Source of Fuel:	local contractors	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):	45	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	truck scale, dumpers	Cardinal, Airoflex
Storage	conveyor system	FMC
Handling		Caterpillar
Screening/Drying	disc, hog	Rader, Jeffrey Dresr
Combustion	fluidized bed boiler	B & ESP
Air Emissions		
Ash Disposal	farm, forest, landfl	
Cogeneration	turbine & generator	Mitsubishi

OPERATION AND MAINTENANCE

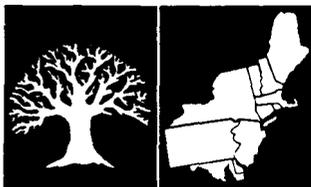
Began Using Wood In: DEC 1 86
Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$

COMMENTS:

We obtain our information/advice from Ultra-
power-Ultrasonics Engineers and Constructors On line December 1986.



Bates College
Andrews Road
Lewiston, ME 04240
207-786-6207

CONTACT PERSON: Philip H. Meldrum TITLE: Plt Eng # Of Employees: 450
Company Description: School/College/Univ.

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 300.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Chips		
Volume (per year):	228,700.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	wood chips	
Cost (per ton):		
Source of Fuel:	loggers	
Hard or Soft Wood:		
Avg. Moisture Content % (WB):	45	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	tractor trailers	d
Storage	inside bldg	
Handling	rotary auger	
Screening/Drying	exh boiler flue gas	
Combustion	built up	Bethlehem Corp.
Air Emissions		
Ash Disposal		
Cogeneration	220000 tons fuel use	

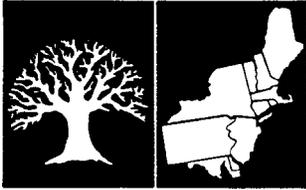
OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 84
Portion of Total Operating Time for Downtimes: 0%
COSTS .

Total Equipment Costs: \$2,750,000	Other Fuel Costs: \$
Funding Sources: 3rd party	Wood Fuel Costs: \$

COMMENTS:

System operated for 2 years with numerous problems. In late 1986, system is inactive and the third party financier is in Chapter 11.



C. F. Wells Inc.
 PO Box 220
 Buckfield, ME 04220
 207-336-2400

CONTACT PERSON: Calvin Wells TITLE: Owner # Of Employees: 20
 Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 1.7

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Chunk Wood	Sawdust	
Volume (per year):	30.0 Cords	25.0 tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	chunkwood	sawdust
Cost (per ton):		
Source of Fuel:	on-site	on-site
Hard or Soft Wood:	hardwood	hardwood
Avg. Moisture Content % (WB):		

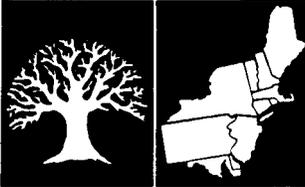
FIRMS THAT PRODUCE WOOD WASTE
 Type of Wood Wastes Produced: dust,waste
 Volume Used for Energy: 25 tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel? Y
 Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	none	
Storage	pile	
Handling	bucket loader	
Screening/Drying	none	
Combustion	HRT boiler	Erie
Air Emissions	none	
Ash Disposal	piled	
Cogeneration	none	

OPERATION AND MAINTENANCE
 Began Using Wood In: JAN 1 13
 Portion of Total Operating Time for Downtimes: 0%

COSTS
 Total Equipment Costs: \$ Other Fuel Costs: \$
 Funding Sources: Wood Fuel Costs: \$

COMMENTS:



C.B. Cummings & Sons 1 of 2
 5 Bridge Street
 Norway, ME 04268
 207-743-6326

CONTACT PERSON: Ed Cummings TITLE: VP # Of Employees: 200
 Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 11.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:			
Volume (per year):			
WOODFUEL USE	WOODFUEL #1	WOODFUEL #2	WOODFUEL #3
Fuel Type:	sawdust & hoggings	bark	
Cost (per ton):			
Source of Fuel:	on-site	on-site	
Hard or Soft Wood:	hardwood	hardwood	
Avg. Moisture Content % (WB):	12	35	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: sawdust, shavings, brk
 Volume Used for Energy: tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel? Y
 Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	pneum.conveyor	
Storage	block bldg	
Handling	augers	
Screening/Drying	0	
Combustion	natural aspiration	B.M. Dolan
Air Emissions	minimal	
Ash Disposal	manual	
Cogeneration	none	

OPERATION AND MAINTENANCE

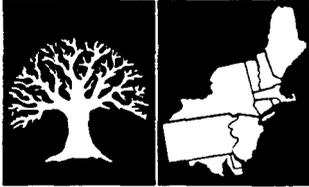
Began Using Wood In: JAN 1 00
 Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$
 Funding Sources: Wood Fuel Costs: \$

COMMENTS:

Time-consuming to gather the quantitative data needed. We get our information regarding wood energy systems in-house. Build it rugged!



C.B. Cummings & Sons 2 of 2
 5 Bridge Street
 Norway, ME 04268
 207-743-6326

CONTACT PERSON: Ed Cummings TITLE: VP # Of Employees: 200
 Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 11.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:			
Volume (per year):			

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	sawdust	bark
Cost (per ton):		
Source of Fuel:	on-site	on-site
Hard or Soft Wood:	hardwood	hardwood
Avg. Moisture Content % (WB):	12	35

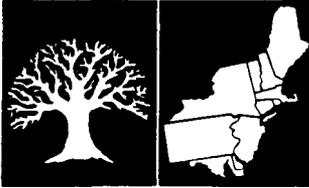
FIRMS THAT PRODUCE WOOD WASTE
 Type of Wood Wastes Produced: sawdust, shavings, brk
 Volume Used for Energy: tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel? Y
 Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	pneumatic conveyer	
Storage	block bldg	
Handling	14 worms to blwer	
Screening/Drying	none	
Combustion	HRT boiler	B.M.Dolan
Air Emissions	minimal	
Ash Disposal	manual	
Cogeneration	none	

OPERATION AND MAINTENANCE
 Began Using Wood In: JAN 1 60
 Portion of Total Operating Time for Downtimes: 0%

COSTS
 Total Equipment Costs: \$ Other Fuel Costs: \$
 Funding Sources: Wood Fuel Costs: \$

COMMENTS:
 Started burning wood in 1860.



Champion International
Greenfield Road
Costigan, ME 04423
207-827-7131

CONTACT PERSON: John Doane TITLE: Res Mgr. # Of Employees: 92
Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 36.0
Steam 36,000 pounds/hr at 150 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#2 Oil	Hog Fuel	
Volume (per year):	3,180.0 Gallons	16,160.0 tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	hogged fuel	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):	53	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	truck	
Storage		
Handling	dual screw augers	
Screening/Drying	none	
Combustion	wood boiler	Babcock & Wilcox
Air Emissions		
Ash Disposal		
Cogeneration	none	

OPERATION AND MAINTENANCE

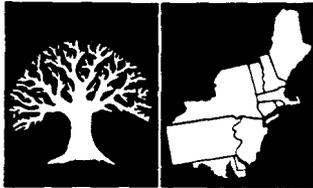
Began Using Wood In: JAN 1 74
Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$

COMMENTS:

Space heat and kilns.



Colonial Acres Nurs. Home
Box 38
Lincoln, ME 04457
207-794-6534

CONTACT PERSON: Gene Libby TITLE: Owner # Of Employees: 70
Company Description: Hospital/Health Care

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 0.8 Handfired

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Chunk Wood		
Volume (per year):	50.0 Cords		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	chunkwood	
Cost (per ton):		
Source of Fuel:	dealer	
Hard or Soft Wood:	hardwood	
Avg. Moisture Content % (WB):	50	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery		
Storage		
Handling		
Screening/Drying		
Combustion	boiler	Dumont
Air Emissions	none	
Ash Disposal	minimum	
Cogeneration	none	

OPERATION AND MAINTENANCE

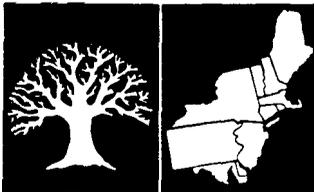
Began Using Wood In: JAN 1 83
Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$20,000 Other Fuel Costs: \$
Funding Sources: internal Wood Fuel Costs: \$2,750.00

COMMENTS:

Lots of work; saving is worth it. Had to replace unit in first year.



Hardwood Products Co.
 PO Box 149
 Guilford, ME 04443
 207-876-3311

CONTACT PERSON: Austin Deane TITLE: Supt. # Of Employees: 250
 Company Description: Wood Related Industry SIC Code: 2499

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 5.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Residue		
Volume (per year):	8,500.0 tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	mill residues	bark
Cost (per ton):		
Source of Fuel:	on-site	on-site
Hard or Soft Wood:	mixed	mixed
Avg. Moisture Content % (WB):	30	50

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: scraps, sawdust, bark
 Volume Used for Energy: 8,500 tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel? N
 Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	produced onsite	
Storage		
Handling		
Screening/Drying		
Combustion	2 HRT boilers	Dillon
Air Emissions	none	
Ash Disposal		
Cogeneration	none	

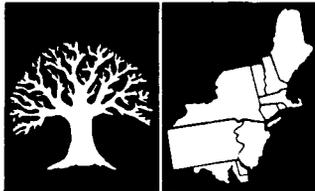
OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 19
 Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$	Other Fuel Costs: \$
Funding Sources: internal	Wood Fuel Costs: \$

COMMENTS:



Houlton Internat. Corp.
 Box 550
 Houlton, ME 04730
 207-532-2257

CONTACT PERSON: Bruce Collett TITLE: VP # Of Employees: 62
 Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 10.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:			
Volume (per year):			

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	waste	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:		
Avg. Moisture Content % (WB):	10	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: dry shavings, sawdust
 Volume Used for Energy: tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel? Y
 Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	blower system	
Storage		
Handling		
Screening/Drying		
Combustion	boiler	Pacific Steel
Air Emissions		
Ash Disposal		
Cogeneration	none	

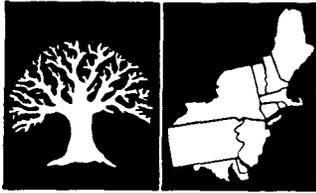
OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 25
 Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$	Other Fuel Costs: \$
Funding Sources:	Wood Fuel Costs: \$

COMMENTS:



J.R. Mains Co.
 S. High St - Box 313
 Bridgton, ME 04009
 207-647-8488

CONTACT PERSON: James R. Mains TITLE: VP # Of Employees: 31
 Company Description: Wood Related Industry SIC Code: 2426

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 2.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#2 Oil	Sawdust	
Volume (per year):	3,000.0 Gallons	1,460.0 Tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	sawdust	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:	hardwood	
Avg. Moisture Content % (WB):	20	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: sawdust
 Volume Used for Energy: 1,460 tons/year
 Volume Disposed of: 1,040 tons/year
 Are Wood Wastes Presently Sold for Fuel? Y
 Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	tractor/bobcat	
Storage	storage shed	
Handling	blower	
Screening/Drying	none	
Combustion	HRT Boiler	Industrial Boiler
Air Emissions		Zurn
Ash Disposal		
Cogeneration	none	

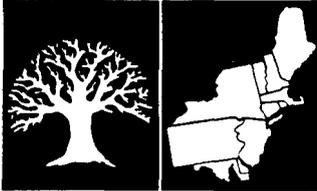
OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 78
 Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$150,000	Other Fuel Costs: \$
Funding Sources:	Wood Fuel Costs: \$

COMMENTS:



Jackson Laboratory
Otter Creek Rd
Bar Harbor, ME 04069
207-288-3371

CONTACT PERSON: Steve King TITLE: Eng Mgr # Of Employees: 500
Company Description: Hospital/Health Care

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 27.0
Steam 27,000 pounds/hr at 90 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Chips		
Volume (per year):	9,750.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	chips	
Cost (per ton):		
Source of Fuel:		
Hard or Soft Wood:	hard	
Avg. Moisture Content % (WB):	30	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	scoopveyor	Moorbark
Storage	bin	
Handling	conveyors	
Screening/Drying		
Combustion	boiler	Weiss
Air Emissions		
Ash Disposal	containerized to lan	
Cogeneration	dfill	

OPERATION AND MAINTENANCE

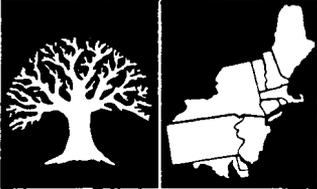
Began Using Wood In: JAN 1 84
Portion of Total Operating Time for Downtimes: 10%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$

COMMENTS:

We get our info on wood systems inhouse. Would possibly be interested in sharing info with other facilities.



Least Financing Corp
PO Box 7087
Lewiston, ME 04240
207-784-5022

CONTACT PERSON: Dan Lebreque TITLE: Plt Mgr # Of Employees: 20
Company Description: Public/Private Utility

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 80.0
Steam 80,000 pounds/hr at 600 psig

COGENERATION Capacity 11.5 Megawatts
Electricity Produced On-Site: 40,000,000 KWH/year
Amount of Power Sold: KWH/year
Power Sold to: Central Maine Power Company
Price of Power Sold \$/KWH

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Chips		
Volume (per year):	98,550.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	wood chips	
Cost (per ton):		
Source of Fuel:	loggers	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):	40	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	trucks	
Storage	2 silos	
Handling	conveyor	Laidig
Screening/Drying	none	Lane Mfg.
Combustion	boiler	Zurn
Air Emissions	static filter bed	EFB
Ash Disposal	local	
Cogeneration	yes	

OPERATION AND MAINTENANCE

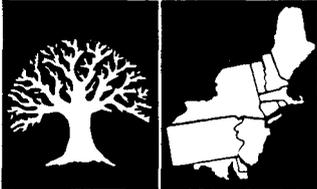
Began Using Wood In: JAN 1 85
Portion of Total Operating Time for Downtimes: 15%

COSTS

Total Equipment Costs: \$	Other Fuel Costs: \$
Funding Sources: private	Wood Fuel Costs: \$

COMMENTS:

Sold process steam to Bates Fabrics Co.
Sold power to CMP. Corporate Energy Mgmt, the third party financier, was in Chapter 11 in 1986.



Maine Audubon Society
118 US Route One
Falmouth, ME 04105
207-781-2330

CONTACT PERSON: Micheal Cline
Company Description: Misc.

TITLE: Forestry Dir # Of Employees: 32

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 0.2

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	# 2 Oil	Pellets	
Volume (per year):	1,000.0 Gallons	4.0 Tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	wood pellets	
Cost (per ton):	110.00	
Source of Fuel:	retailer	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):	7	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	50 lb bags	
Storage	hopper	Prill
Handling	screw auger	Prill
Screening/Drying	none	
Combustion	pkg	Prill
Air Emissions	none	
Ash Disposal	manual, sprd on grnd	
Cogeneration	0	

OPERATION AND MAINTENANCE

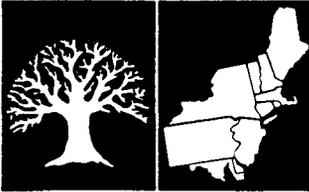
Began Using Wood In: JAN 1 81
Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$5,000	Other Fuel Costs: \$810.00
Funding Sources: internal	Wood Fuel Costs: \$440.00

COMMENTS:

They no longer burn wood.



Moosehead Mfg. Company 1 of 3
PO Box 287
Monson, ME 04464
207-997-3621

CONTACT PERSON: Bill Wentworth TITLE: Pres. # Of Employees: 130
Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 5.0
Steam 5,000 pounds/hr at 110 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	hogfuels		
Volume (per year):	3,382.0 tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	hogged fuel	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:	hardwood	
Avg. Moisture Content % (WB):	6	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: bark, chips, hog fuel
Volume Used for Energy: 3,382 tons/year
Volume Disposed of: 225 tons/year
Are Wood Wastes Presently Sold for Fuel? Y
Would the Company like to sell wastes in the future?

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	pneumatic	
Storage	silo & vault	
Handling		
Screening/Drying		
Combustion	boilers HRT	
Air Emissions		
Ash Disposal		
Cogeneration	none	

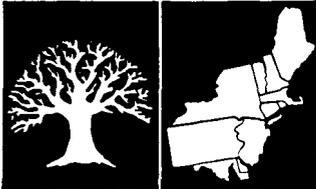
OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 47
Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$

COMMENTS:



Moosehead Mfg. Company 3 of 3
 2 Monument Square
 Dover Foxcroft, ME 04426
 207-564-2222

CONTACT PERSON: Frank Johnson TITLE: supt # Of Employees: 94
 Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr):

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	hogfuel		
Volume (per year):	3,650.0 tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	waste wood	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:	hardwood	
Avg. Moisture Content % (WB):	6	

FIRMS THAT PRODUCE WOOD WASTE
 Type of Wood Wastes Produced: hardwood
 Volume Used for Energy: 36,500 tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel? N
 Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	blower & conveyors	
Storage	bins	
Handling		
Screening/Drying		
Combustion	HRT Boiler	
Air Emissions	blower fans	
Ash Disposal	town landfill	
Cogeneration	none	

OPERATION AND MAINTENANCE

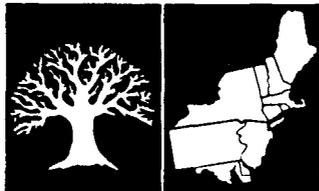
Began Using Wood In: JAN 1 59
 Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$	Other Fuel Costs: \$
Funding Sources:	Wood Fuel Costs: \$

COMMENTS:

Heats a 5-story building plus kilns.
 Fuel is hogged waste wood mixed with wet and dry sawdust.



Natural Res. Cncil of ME
271 State Street
Augusta, ME 04333
207-622-3101

CONTACT PERSON: Mark Ishkanian TITLE: Ast Dir # Of Employees: 14
Company Description: Misc.

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 1.5
Steam 1,540 pounds/hr at psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Pellets		
Volume (per year):	8.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	pellets	
Cost (per ton):	110.00	
Source of Fuel:	dealer	
Hard or Soft Wood:	soft	
Avg. Moisture Content % (WB):	7	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	50 lb bags	
Storage	inside bin	
Handling	screw auger	
Screening/Drying	none	
Combustion	boiler conv fr coal	Prill
Air Emissions	no	
Ash Disposal	on fields	
Cogeneration	no	

OPERATION AND MAINTENANCE

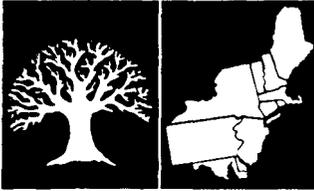
Began Using Wood In: JAN 1 81
Portion of Total Operating Time for Downtimes: 25%

COSTS

Total Equipment Costs: \$5,000	Other Fuel Costs: \$
Funding Sources: internal	Wood Fuel Costs: \$880.00

COMMENTS:

Pellet delivery not reliable; auger is 7' long and pellets sometimes break down, damaging pins. Organization is not satisfied with system and is no longer burning wood.



Old Town Canoe
 58 Middle Street
 Oldtown, ME 04468
 207-827-5513

CONTACT PERSON: Richard Stevenson TITLE: Bldg Mgr # Of Employees: 55
 Company Description: Non-Wood Related Industry SIC Code: 3732

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 10.0 Handfired

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#6 Oil		
Volume (per year):	70,000.0 Gallons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	waste wood	sawdust
Cost (per ton):		
Source of Fuel:	onsite	onsite
Hard or Soft Wood:	mixed	mixed
Avg. Moisture Content % (WB):	20	20

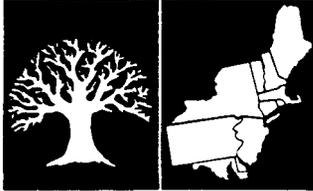
FIRMS THAT PRODUCE WOOD WASTE
 Type of Wood Wastes Produced: sawdust, scrap
 Volume Used for Energy: tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel? N
 Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	prod. on site	
Storage		
Handling		
Screening/Drying	none	
Combustion	handfired boiler	Dillon
Air Emissions	none	
Ash Disposal	none	
Cogeneration	none	

OPERATION AND MAINTENANCE
 Began Using Wood In: JAN 1 39
 Portion of Total Operating Time for Downtimes: 5%

COSTS
 Total Equipment Costs: \$ Other Fuel Costs: \$
 Funding Sources: internal Wood Fuel Costs: \$

COMMENTS:
 Only burn wood when enough waste has accumulated.



Peavey Mfg. Co.
PO Box 129
E. Eddington, ME 04428
207-843-7861

CONTACT PERSON: Rodney Buswell TITLE: VP # Of Employees:
Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 1.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#2 Oil	Chunk Wood	
Volume (per year):	500.0 Gallons	150.0 Cords	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	waste wood	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:	hardwood	
Avg. Moisture Content % (WB):		

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: sawdust, waste
Volume Used for Energy: tons/year
Volume Disposed of: tons/year
Are Wood Wastes Presently Sold for Fuel? N
Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery		
Storage		
Handling		
Screening/Drying		
Combustion		
Air Emissions		
Ash Disposal		
Cogeneration		

OPERATION AND MAINTENANCE

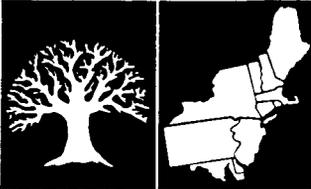
Began Using Wood In: JAN 1 82
Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$25,000 Other Fuel Costs: \$
Funding Sources: bank Wood Fuel Costs: \$

COMMENTS:

Produces 1500 cord of waste wood per year;
uses 150 cord for energy on site and disposes of balance.



S.D. Warren Company 1 of 2
PO Box 5000
Westbrook, ME 04092
207-856-6911

CONTACT PERSON: David B. Clement TITLE: Asst. Mgr # Of Employees: 2000
Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 650.0
Steam 650,000 pounds/hr at 1300 psig

COGENERATION Capacity 50.0 Megawatts
Electricity Produced On-Site: KWH/year
Amount of Power Sold: KWH/year
Power Sold to: Central Maine Power Company
Price of Power Sold \$/KWH

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#2 Oil	Coal	Chips
Volume (per year):	20,000.0 Gallons	85,000.0 tons	550,000.0 Tons

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	wood chips	mill residues
Cost (per ton):		
Source of Fuel:	contractors	on-site,others
Hard or Soft Wood:	mixed	mixed
Avg. Moisture Content % (WB):	45	47

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: bark, pulp screening
Volume Used for Energy: tons/year
Volume Disposed of: tons/year
Are Wood Wastes Presently Sold for Fuel? N
Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	Truck dumpers	Peerless
Storage	A Frame inside stor.	
Handling	conveyor belts	
Screening/Drying	disk & shaker screen	Radar,KMW
Combustion	multifuel boiler	BYW
Air Emissions	precipitator	Res Cottrell
Ash Disposal	chain conveyor	Drayo
Cogeneration	turbine	GE 47 MW

OPERATION AND MAINTENANCE

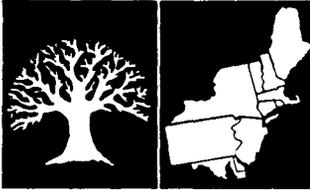
Began Using Wood In: JAN 1 82
Portion of Total Operating Time for Downtimes: 2%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$
Funding Sources: leased Wood Fuel Costs: \$

COMMENTS:

800,000 tons/yr wood wastes used for energy production. Shutdown six days annually for maintenance. Ash is disposed of by land spreading. Costs are proprietary. They have two boilers.



Saco Mfg. & Woodworking
39 Lincoln St
Saco, ME 04072
207-284-6613

CONTACT PERSON: Tony Jendrek TITLE: Owner # Of Employees: 5
Company Description: Wood Related Industry SIC Code: 2491

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): Handfired
Steam 10 pounds/hr at 150 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Chunk Wood	Waste	
Volume (per year):	20.0 Cords	10.0 tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	mill residue	slabwood
Cost (per ton):		15.00
Source of Fuel:	on-site	local mill
Hard or Soft Wood:		mixed
Avg. Moisture Content % (WB):	45	30

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: residues
Volume Used for Energy: 10 tons/year
Volume Disposed of: tons/year
Are Wood Wastes Presently Sold for Fuel? N
Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	trucks	
Storage		
Handling		
Screening/Drying	none	
Combustion	boiler	Union Iron Wks
Air Emissions		
Ash Disposal	local landfill	
Cogeneration	none	

OPERATION AND MAINTENANCE

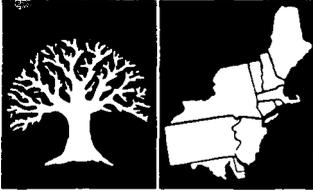
Began Using Wood In: JAN 18 12
Portion of Total Operating Time for Downtimes: 15%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$600.00

COMMENTS:

Boiler is rated at 90 lbs but is running at about 10 lbs, according to manager; no other information available.
Chunkwood is burned in a separate boiler.



Saunders Brothers 1 of 2
 170 Forest St
 Westbrook, ME 04092
 207-854-2551

CONTACT PERSON: Robert Gregoire TITLE: Mech Sup # Of Employees: 200
 Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 4.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Wood Waste		
Volume (per year):	2,000.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	wood waste	sawdust
Cost (per ton):	19.00	19.00
Source of Fuel:	on-site	on-site
Hard or Soft Wood:	hardwood	hardwood
Avg. Moisture Content % (WB):	35	35

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: sawdust, bark, waste
 Volume Used for Energy: 2,000 tons/year
 Volume Disposed of: 2,000 tons/year
 Are Wood Wastes Presently Sold for Fuel? N
 Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	blowers	
Storage	silos	
Handling	chain/blowers	
Screening/Drying	no	
Combustion	Dutch Oven	Dillon HRT
Air Emissions	none	
Ash Disposal	by hand	
Cogeneration	none	

OPERATION AND MAINTENANCE

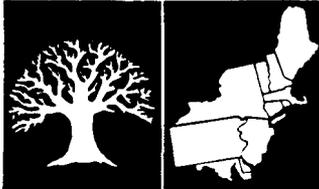
Began Using Wood In: JAN 1 60
 Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$	Other Fuel Costs: \$
Funding Sources:	Wood Fuel Costs: \$96,710.00

COMMENTS:

Boiler will produce 65KW that is used for emergency power outages only. See comments on other sheet.



Saunders Brothers 2 of 2
 170 Forest Street
 Westbrook, ME 04092
 207-854-2551

CONTACT PERSON: Robert Gregoire TITLE: Mech Sup # Of Employees: 200
 Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 11.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Wood Waste		
Volume (per year):	3,000.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	wood waste	
Cost (per ton):	19.00	
Source of Fuel:	on-site	
Hard or Soft Wood:	hardwood	
Avg. Moisture Content % (WB):	35	

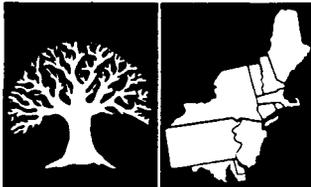
FIRMS THAT PRODUCE WOOD WASTE
 Type of Wood Wastes Produced: sawdust, bark, waste
 Volume Used for Energy: 3,000 tons/year
 Volume Disposed of: 3,000 tons/year
 Are Wood Wastes Presently Sold for Fuel? N
 Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	blowers	
Storage	silos	
Handling	chain/blowers	
Screening/Drying	none	
Combustion	Suspended fired	Erie City
Air Emissions	over fired air	
Ash Disposal	by hand	
Cogeneration	none	

OPERATION AND MAINTENANCE
 Began Using Wood In: JAN 1 00
 Portion of Total Operating Time for Downtimes: 0%

COSTS
 Total Equipment Costs: \$ Other Fuel Costs: \$
 Funding Sources: Wood Fuel Costs: \$19.00

COMMENTS:
 5000 tons is consumed for both boilers. The \$19.00/ton is the estimated cost if they had to buy. They would sell wastes if they were available.



Wheelabrator

Sherman Station, ME 04777
207-365-4251

CONTACT PERSON: Ray Soulard TITLE: Plt Manager # Of Employees: 28
Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 62.0
Steam 180,000 pounds/hr at psig

COGENERATION Capacity 17.5 Megawatts
Electricity Produced On-Site: 127,000,000 KWH/year
Amount of Power Sold: KWH/year
Power Sold to: Maine Public Service
Price of Power Sold \$/KWH

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Mill Wastes	Chips	
Volume (per year):		240,000.0 tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	mill residue	wood chips
Cost (per ton):		22.00
Source of Fuel:	local mills	contractors
Hard or Soft Wood:	hardwood	mixed
Avg. Moisture Content % (WB):	55	46

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	trailers	Peerless
Storage	outside/inside	
Handling	hoggings	Jeffery
Screening/Drying	disc screens	
Combustion	grate/water wall	Zurn
Air Emissions	mechanical/ESP	Wheelabrator ESP
Ash Disposal	screw conveyor/wet	
Cogeneration	power and steam	Turbodyne

OPERATION AND MAINTENANCE

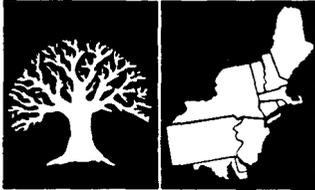
Began Using Wood In: NOV 1 '86
Portion of Total Operating Time for Downtimes: 7%

COSTS

Total Equipment Costs: \$	Other Fuel Costs: \$
Funding Sources: lease	Wood Fuel Costs: \$

COMMENTS:

Cogeneration = 127 million KWH. Annual wood consumption is 260,000 tons. 70,000 Mlb steam is sent to Sherman Lumber mill.



Stowell Wood Products
 Grove Street
 Bryant Pond, ME 04219
 207-665-2433

CONTACT PERSON: Bill Howe
 Company Description: Wood Related Industry

TITLE: Mgr

Of Employees: 125
 SIC Code: 2499

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr):

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Sawdust		
Volume (per year):	150.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	sawdust, shavings	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:	hardwood	
Avg. Moisture Content % (WB):	40	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: sawdust, shavings
 Volume Used for Energy: 150 tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel? N
 Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	live bottom trailer	
Storage	covered shed	
Handling		
Screening/Drying		
Combustion	HRT Boiler	Portland Co.
Air Emissions		
Ash Disposal		
Cogeneration	none	

OPERATION AND MAINTENANCE

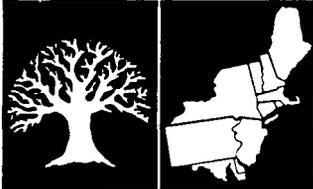
Began Using Wood In: JAN 1 28
 Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$	Other Fuel Costs: \$
Funding Sources:	Wood Fuel Costs: \$

COMMENTS:

Very pleased with wood system; hopes to
 replace oil-fired kilns with steam from wood-fired boiler.
 Buys some wood in the winter.



The Bare Wood Shop
 RFD 1 Box 240
 Bangor, ME 04401
 207-945-3758

CONTACT PERSON: Bruce Roberts TITLE: Owner # Of Employees: 2
 Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 0.4

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#2 Oil	Chips	
Volume (per year):	100.0 Gallons	40.0 Tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	scrap, chips	scraps, chips
Cost (per ton):	55.00	
Source of Fuel:	broker	on-site
Hard or Soft Wood:	hardwood	hardwood
Avg. Moisture Content % (WB):	40	10

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: scrap
 Volume Used for Energy: 40 tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel? N
 Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	truck	
Storage	hopper	custom
Handling	gravity feed	
Screening/Drying	forage blower	New Holland
Combustion	boiler	Renewable Energy
Air Emissions	chimney	
Ash Disposal	manual	
Cogeneration	none	

OPERATION AND MAINTENANCE

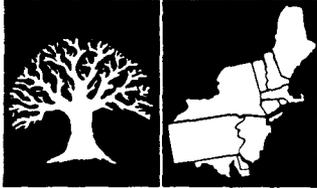
Began Using Wood In: JAN 1 82
 Portion of Total Operating Time for Downtimes: 10%

COSTS

Total Equipment Costs: \$30,000	Other Fuel Costs: \$
Funding Sources: others	Wood Fuel Costs: \$2,200.00

COMMENTS:

Gas was used as an automatic igniter. Oil is back-up for wood heating system.



Thomaston Grammar School

Thomaston, ME 04861
207-354-6353

CONTACT PERSON: Richard N. Morse TITLE: Custod. # Of Employees: 340
Company Description: School/College/Univ.

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 1.5 Handfired

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#2 Oil	Coal	Chunk Wd
Volume (per year):	100.0 Gallons	35.0 tons	12.0 Cord

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	chunkwood	
Cost (per ton):	55.00	
Source of Fuel:	logger	
Hard or Soft Wood:	hardwood	
Avg. Moisture Content % (WB):	30	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	truck	
Storage		
Handling	manual	
Screening/Drying	none	
Combustion	boiler	Dumont
Air Emissions	chimney	
Ash Disposal	by hand	
Cogeneration	none	

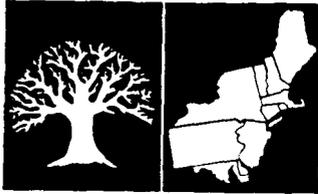
OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 82
Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$4,085.00
Funding Sources: Wood Fuel Costs: \$660.00

COMMENTS:



Univ. of Maine Farmington
 107 Maine Avenue
 Bangor, ME 04401
 207-947-0336

CONTACT PERSON: Robert King TITLE: Saf.Eng. # Of Employees:
 Company Description: School/College/Univ.

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 3.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Pellets		
Volume (per year):	650.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	Pellets	Coal
Cost (per ton):	72.00	
Source of Fuel:	N.E. Solid Fuel	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):	7	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	Dealer	
Storage	Holding bin	
Handling	auger to hopper	
Screening/Drying	none	
Combustion	stoker/boiler	Will-Burt/Smith
Air Emissions	none	
Ash Disposal	hailed	
Cogeneration	none	

OPERATION AND MAINTENANCE

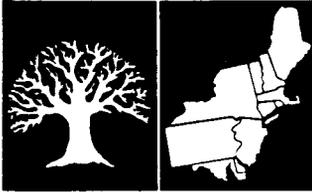
Began Using Wood In: JAN 1 85
 Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$	Other Fuel Costs: \$
Funding Sources:	Wood Fuel Costs: \$46,800.00

COMMENTS:

Values are for two boilers of equivalent size (Will-Burt and H B Smith). Each boiler heated the equivalent of two dorms.



Univ. of Maine
 107 Maine Avenue
 Bangor, ME 04401
 207-947-0336

CONTACT PERSON: Robert King TITLE: Safety Eng. # Of Employees:
 Company Description: School/College/Univ.

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 1.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Chips		
Volume (per year):	840.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	pulpwood chips	
Cost (per ton):	20.00	
Source of Fuel:	loggers	
Hard or Soft Wood:	hard/soft	
Avg. Moisture Content % (WB):	45	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	tractor trailers	
Storage	1700 cu ft bin	
Handling	conveyor/auger	custom
Screening/Drying	none	
Combustion	custom retrofit	Weil-McLain
Air Emissions	none	
Ash Disposal	hailed	
Cogeneration	none	

OPERATION AND MAINTENANCE

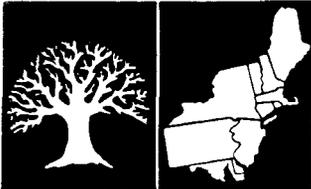
Began Using Wood In: JAN 1 80
 Portion of Total Operating Time for Downtimes: 35%

COSTS

Total Equipment Costs: \$	Other Fuel Costs: \$
Funding Sources:	Wood Fuel Costs: \$16,800.00

COMMENTS:

Detailed case study available from CONEG. Boiler is .655 million BTU's/hr unit.



Univ. of Maine Orono
 Campus
 Orono, ME 04469
 207-947-0336

CONTACT PERSON: Robert King TITLE: Safety Eng. # Of Employees: 50
 Company Description: School/College/Univ.

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 1.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Chips		
Volume (per year):	900.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	chips	
Cost (per ton):	22.20	
Source of Fuel:	loggers	
Hard or Soft Wood:	hardwood	
Avg. Moisture Content % (WB):	45	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery		
Storage	640 cu ft stor bin	
Handling	screw augers	custom built
Screening/Drying	recycled stack gases	
Combustion	stoker/boiler	Kewanee
Air Emissions	none	
Ash Disposal	municipal	
Cogeneration	none	

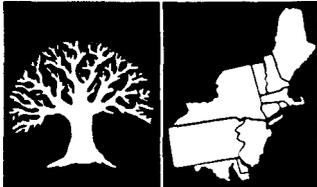
OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 83
 Portion of Total Operating Time for Downtimes: 10%

COSTS

Total Equipment Costs: \$76,000	Other Fuel Costs: \$
Funding Sources: state	Wood Fuel Costs: \$16,687.00

COMMENTS:
 Do not attempt wood burning facility unless building is occupied 24 hrs a day or there are personnel available on a 24-hour basis. Boiler is 3.1 million BTU's/hr.



U.S. Energy Corporation
 P.O. Box 492
 Ft. Fairfield, ME 04742
 207-473-7592

CONTACT PERSON: Richard Lombard TITLE: Bus. Mgr. # Of Employees: 40
 Company Description: Public/Private/Utility

AVERAGE PLANT OUTPUT

Heat (million Btus/hr):
 Steam 320,000 pounds/hr at 1500 psig

COGENERATION Capacity 35.0 Megawatts
 Electricity Produced On-Site: 31,000,000 KWH/year
 Amount of Power Sold: 27,000,000 KWH/year
 Power Sold to: Central Maine Power
 Price of Power Sold \$/KWH

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Biomass		
Volume (per year):	350,000.0 tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	Biomass	
Cost (per ton):	17.00	
Source of Fuel:	Whole Tree Chips	
Hard or Soft Wood:	Mixed	
Avg. Moisture Content % (WB):	45	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery		
Storage		
Handling		
Screening/Drying		
Combustion	Boiler	Babcock Wilcox
Air Emissions	Elec. Precipitator	
Ash Disposal		
Cogeneration		

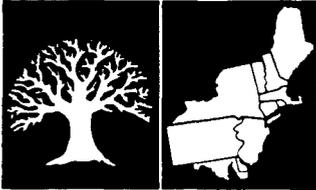
OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 87
 Portion of Total Operating Time for Downtimes: 10%

COSTS

Total Equipment Costs: \$	Other Fuel Costs: \$
Funding Sources:	Wood Fuel Costs: \$

COMMENTS:



Wilner Wood Products 1 of 2
Alpine Street
Norway, ME 04268
207-743-6361

CONTACT PERSON: John Haines TITLE: Eng. # Of Employees: 275
Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 10.0
Steam 32,000 pounds/hr at 100 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#6 Oil	residue	
Volume (per year):	15,000.0 Gallons	25,200.0 tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	chips, bark	sawdust
Cost (per ton):	10.00	
Source of Fuel:	Ct Valley Chipping	on-site
Hard or Soft Wood:	mixed	mixed
Avg. Moisture Content % (WB):	10	6

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: shavings, bark
Volume Used for Energy: 12,000 tons/year
Volume Disposed of: tons/year
Are Wood Wastes Presently Sold for Fuel? N
Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	live bottom trailer	
Storage		
Handling	screw augers, chain	Ft. Worth
Screening/Drying	scalping screen	Radax
Combustion	boiler	R. Bloomfield
Air Emissions		Breslove
Ash Disposal		Breslove
Cogeneration	none	

OPERATION AND MAINTENANCE

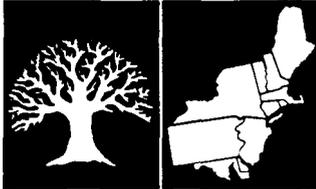
Began Using Wood In: JAN 1 45
Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$119,000 Other Fuel Costs: \$6,000.00
Funding Sources: Wood Fuel Costs: \$200,000.00

COMMENTS:

We want to monitor flue gases which would control rate of feed to boilers; Get info from R Bloomfield, Bremco, Penney, Visit other facilities, not just one salesman.



Wilner Wood Products 2 of 2
Alpine Street
Norway, ME 04268
207-743-6361

CONTACT PERSON: John Haines TITLE: Engineer # Of Employees: 200
Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 32.0
Steam 32,000 pounds/hr at 100 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:			
Volume (per year):			

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	chips, bark, dust	
Cost (per ton):	10.00	
Source of Fuel:	CT Valley Chp	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):	10	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: shavings, bark
Volume Used for Energy: 15,000 tons/year
Volume Disposed of: tons/year
Are Wood Wastes Presently Sold for Fuel?
Would the Company like to sell wastes in the future?

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	trailers	
Storage		
Handling	screw augers, chain	J.W. Penney
Screening/Drying	scalping screen	Rader
Combustion	boiler	R. Bloomfield
Air Emissions		Breslove
Ash Disposal		
Cogeneration	none	

OPERATION AND MAINTENANCE

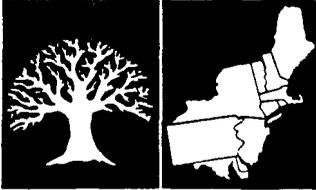
Began Using Wood In: JAN 1 45
Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$

COMMENTS:

See other sheet.



Winthrop St. Univ. Church
 69 Winthrop Street
 Augusta, ME 04330
 207-623-8361

CONTACT PERSON: Dorothy Kimball TITLE: Minister # Of Employees:
 Company Description: Public Facility

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 1.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Pellets		
Volume (per year):	30.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	wood pellets	
Cost (per ton):	90.00	
Source of Fuel:	retailer	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):	7	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	tractor trailer	
Storage	storage bin	
Handling	screw auger	
Screening/Drying	none	
Combustion	pkg boiler	H.B. Smith
Air Emissions	none	
Ash Disposal	manual, mun landfill	
Cogeneration	none	

OPERATION AND MAINTENANCE

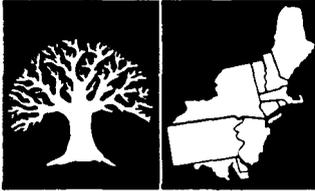
Began Using Wood In: JAN 1 81
 Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$	Other Fuel Costs: \$
Funding Sources: internal	Wood Fuel Costs: \$2,700.00

COMMENTS:

H.B. Smith boiler burns 301,000
 Btu's/hr. Very pleased with system; had 1 fire when auger overfed
 fuel; installed heat sensors to prevent in future.



Wood Structures
PO Box 347
Biddeford, ME 04005
207-282-7556

CONTACT PERSON: Bill Alcorn TITLE: Pres. # Of Employees: 250
Company Description: Wood Related Industry SIC Code: 2439

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 2.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Sawdust		
Volume (per year):	450.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	scraps, sawdust	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:	softwood	
Avg. Moisture Content % (WB):	15	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: scraps, sawdust
Volume Used for Energy: 450 tons/year
Volume Disposed of: tons/year
Are Wood Wastes Presently Sold for Fuel? N
Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on site	
Storage	hogged and blown	
Handling	drag chain & conv	
Screening/Drying	none	
Combustion	pkg boiler	Rettew
Air Emissions		
Ash Disposal		
Cogeneration	none	

OPERATION AND MAINTENANCE

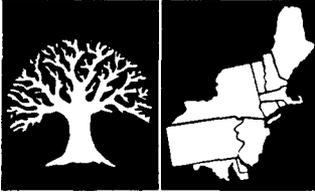
Began Using Wood In: JAN 1 77
Portion of Total Operating Time for Downtimes: 10%

COSTS

Total Equipment Costs: \$45,000 Other Fuel Costs: \$
Funding Sources: internal Wood Fuel Costs: \$

COMMENTS:

Company is very satisfied with system.



Anthony Galluzzo Corp.
 7 Chester Road
 Derry, NH 03038
 603-434-6140

CONTACT PERSON: Joseph Galluzzo TITLE: President # Of Employees: 35
 Company Description: Wood Related Industry SIC Code: 2426

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 2.5
 Steam 1,250 pounds/hr at 8 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#2 Oil	Chips	Shavings
Volume (per year):	3,600.0 Gallons	1.2 Ton	2.5 tons

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	Shavings	Chips
Cost (per ton):		
Source of Fuel:	on-site	on-site
Hard or Soft Wood:	hardwood	hardwood
Avg. Moisture Content % (WB):	7	7

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: kiln dried hardwood
 Volume Used for Energy: 800 tons/year
 Volume Disposed of: 250 tons/year
 Are Wood Wastes Presently Sold for Fuel? Y
 Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	Pneumatic	IBC
Storage	Bins	custom
Handling	Live bin to screw	custom
Screening/Drying	none	
Combustion	boiler	IBC
Air Emissions	Dry mech. multi tube	IBC
Ash Disposal	Drum collection	
Cogeneration	none	

OPERATION AND MAINTENANCE

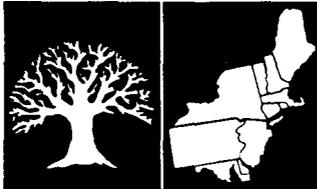
Began Using Wood In: JAN 1 85
 Portion of Total Operating Time for Downtimes: 10%

COSTS

Total Equipment Costs: \$225,000	Other Fuel Costs: \$2,800.00
Funding Sources: SBA 503	Wood Fuel Costs: \$

COMMENTS:

Have had problems with noise control, automatic switching, alarming.



Beebe River Wood Products

Beebe River, NH 03219
603-536-1080

CONTACT PERSON: S. Shaughnessy TITLE: Sup For Op # Of Employees: 120
Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 4.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Chips		
Volume (per year):	15,800.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	sawdust,shavings	residue chips
Cost (per ton):		
Source of Fuel:	on-site	on-site
Hard or Soft Wood:	mixed	mixed
Avg. Moisture Content % (WB):	20	45

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: sawdust,bark
Volume Used for Energy: 15,800 tons/year
Volume Disposed of: tons/year
Are Wood Wastes Presently Sold for Fuel? N
Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	onsite	
Storage	building	
Handling	pneum feed	
Screening/Drying	none	
Combustion	waste boiler	
Air Emissions		
Ash Disposal		
Cogeneration	none	

OPERATION AND MAINTENANCE

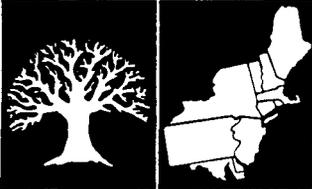
Began Using Wood In: JAN 1 25
Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$

COMMENTS:

Company no longer burns wood; equipment was very old and inefficient and they did not want to upgrade it at this time.



Bioenergy Corporation
 Rt 127, RR 2, Box 85
 W. Hopkinton, NH 03229
 603-746-5833

CONTACT PERSON: Harry Smith TITLE: Plt Mgr. # Of Employees: 25
 Company Description: Public/Private Utility

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 125.0
 Steam 125,000 pounds/hr at 600 psig

COGENERATION Capacity 12.0 Megawatts
 Electricity Produced On-Site: KWH/year
 Amount of Power Sold: KWH/year
 Power Sold to: Public Service Company of New Hampshire
 Price of Power Sold \$/KWH

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Chips	# 6 Oil	
Volume (per year):	250,000.0 Tons	300,000.0 Gallons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	tree chips/recycled	
Cost (per ton):	16.00	
Source of Fuel:	Logging/Clearing	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):	50	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	tractor trailer	
Storage	silo	
Handling	belt conveyors	
Screening/Drying	none	
Combustion	boiler	Zurn
Air Emissions	electrif. filter bed	EFB Corp.
Ash Disposal	dumpsters, farmers	
Cogeneration	yes/steam to mills	

OPERATION AND MAINTENANCE

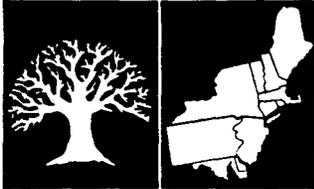
Began Using Wood In: SEP 1 84
 Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$8,000,000 Other Fuel Costs: \$
 Funding Sources: Wood Fuel Costs: \$

COMMENTS:

They produce 12 megawatts of electricity/hr
 sell all power to PSNH.



Blanchflower Lumber
 Box 267
 Alstead, NH 03602
 603-835-6611

CONTACT PERSON: Donald Blanchflower TITLE: Pres.
 Company Description: Wood Related Industry

Of Employees: 30

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 2.2

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Chips		
Volume (per year):	310.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	chips	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):	10	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: wood chips
 Volume Used for Energy: 3,000 tons/year
 Volume Disposed of: 2,500 tons/year
 Are Wood Wastes Presently Sold for Fuel? Y
 Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage	bin	custom
Handling	hopper	
Screening/Drying	dryer	
Combustion	wood gasifier	Forest Fuels
Air Emissions	none	
Ash Disposal	spread on-site	
Cogeneration	none	

OPERATION AND MAINTENANCE

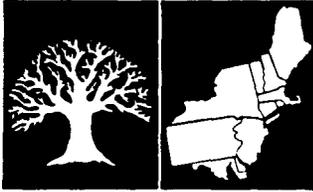
Began Using Wood In: JAN 1 78
 Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$60,000	Other Fuel Costs: \$
Funding Sources: by mfg.	Wood Fuel Costs: \$

COMMENTS:

Operate two wood-fired boilers, one for space heat (50hp) and one for kilns (65hp). Very satisfied with system.



Brentwood Box Company
 RFD 1
 Freemont, NH 03044
 603-642-5281

CONTACT PERSON: Howard B. Page TITLE: Owner
 Company Description: Wood Related Industry

Of Employees: 3
 SIC Code: 2441

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 0.7 Handfired

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:			
Volume (per year):			

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	chunk wood	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:	softwood	
Avg. Moisture Content % (WB):	30	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: pine blocks
 Volume Used for Energy: tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel? Y
 Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	onsite	
Storage	inside/outside	
Handling	manual	
Screening/Drying	none	
Combustion	forced hot air	Hardwood, VT
Air Emissions	none	
Ash Disposal	manual	
Cogeneration	none	

OPERATION AND MAINTENANCE

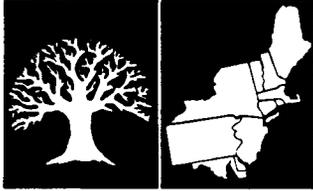
Began Using Wood In: JAN 1 66
 Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$	Other Fuel Costs: \$
Funding Sources:	Wood Fuel Costs: \$

COMMENTS:

Energy heats shop.



Bridgewater Power Co.
 PO Box 678 Rte 3
 Ashland, NH 03217
 603-968-7174

CONTACT PERSON: Richard Lizotte TITLE: Plant Mgr. # Of Employees: 20
 Company Description: Public/Private Utility

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 135.0
 Steam 135,000 pounds/hr at 680 psig

COGENERATION Capacity 17.0 Megawatts
 Electricity Produced On-Site: KWH/year
 Amount of Power Sold: KWH/year
 Power Sold to: Public Service Company of New Hampshire
 Price of Power Sold \$/KWH

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Chips		
Volume (per year):	240,000.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	Wood chips	
Cost (per ton):	18.00	
Source of Fuel:	loggers	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):	50	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	truck dumpers	Peerless
Storage	yard & silos	Laidig
Handling	belt conveyors	Wolverine
Screening/Drying	disc screen	Williams
Combustion	boiler	Foster Wheeler
Air Emissions	gravel scrubber	Joy
Ash Disposal	mechanical	Lane
Cogeneration	Steam Turbine	General Electric

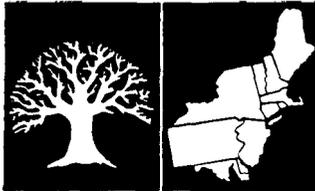
OPERATION AND MAINTENANCE

Began Using Wood In: SEP 1 87
 Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$	Other Fuel Costs: \$
Funding Sources: partnership	Wood Fuel Costs: \$

COMMENTS:



Brown Street Furniture
P.O. Box 278
Whitefield, NH 03598
603-837-2547

CONTACT PERSON: Peter Guest TITLE: Pres # Of Employees: 65
Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 3.6

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#2 Oil	Sawdust	scrap
Volume (per year):	30,000.0 Gallons	200.0 Tons	200.0 tons

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	sawdust	wood scrap
Cost (per ton):		
Source of Fuel:	on-site	on-site
Hard or Soft Wood:	softwood	softwood
Avg. Moisture Content % (WB):	6	6

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: kiln-dried pine
Volume Used for Energy: 400 tons/year
Volume Disposed of: 500 tons/year
Are Wood Wastes Presently Sold for Fuel? N
Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage	inside	
Handling	dust pnuem. fed	
Screening/Drying	none	
Combustion	2 furnaces	
Air Emissions	none	
Ash Disposal	manual/on-site	
Cogeneration	none	

OPERATION AND MAINTENANCE

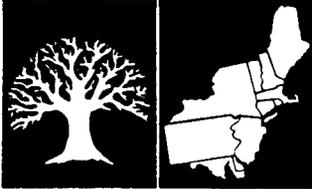
Began Using Wood In: JAN 1 84
Portion of Total Operating Time for Downtimes: 10%

COSTS

Total Equipment Costs: \$35,000 Other Fuel Costs: \$
Funding Sources: bank loan Wood Fuel Costs: \$

COMMENTS:

Fuel burns too hot causing damage to scrap
burner. One furnace is 600000 BTU, other is 3.0 million BTU/hr.



Dublin School

Dublin, NH 03444
603-563-8584

CONTACT PERSON: Terry Dwyer TITLE: Bus. Mgr. # Of Employees:
Company Description: School/College/Univ.

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): Handfired

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#2 Oil	Chunk Wood	
Volume (per year):	26,000.0 Gallons	20.0 Cords	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	cordwood	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:	hardwood	
Avg. Moisture Content % (WB):		

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage	wood shed	
Handling	manual	
Screening/Drying	none	
Combustion	furnace	Dumont
Air Emissions	none	
Ash Disposal	none	
Cogeneration		

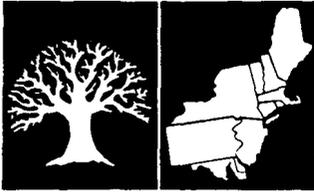
OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 80
Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$5,000 Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$

COMMENTS:



Hemphill Power and Light
P.O. Box 428
Georges Mills, NH 03751
603-763-4750

CONTACT PERSON: Thomas W. Benz TITLE: Plant Mgr. # Of Employees: 25
Company Description: Public/Private Utility

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 130.0
Steam 140,000 pounds/hr at 900 psig

COGENERATION Capacity 16.0 Megawatts
Electricity Produced On-Site: KWH/year
Amount of Power Sold: KWH/year
Power Sold to: Public Service Company of New Hampshire
Price of Power Sold \$/KWH

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Wood Chips		
Volume (per year):			

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	Wood Chips	
Cost (per ton):		
Source of Fuel:		
Hard or Soft Wood:	Mixed	
Avg. Moisture Content % (WB):	50	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	Truck	
Storage	Silo	
Handling	Conveyors	Fairfield
Screening/Drying		
Combustion		
Air Emissions		
Ash Disposal	Landspreading	
Cogeneration		

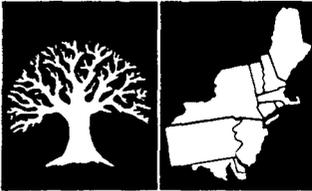
OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 87
Portion of Total Operating Time for Downtimes: 85%

COSTS

Total Equipment Costs: \$	Other Fuel Costs: \$
Funding Sources:	Wood Fuel Costs: \$

COMMENTS:



Kearsarge Peg Co., Inc.
 Kearsarge Street
 Bartlett, NH 03812
 603-374-2341

CONTACT PERSON: Stanley Davidson Jr TITLE: Pres
 Company Description: Wood Related Industry

Of Employees: 30

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 2.5

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Chunk Wood	Sawdust	
Volume (per year):	350.0 Cords	100.0 tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	chunkwood	sawdust, bark
Cost (per ton):		
Source of Fuel:	on-site	on-site
Hard or Soft Wood:	hardwood	hardwood
Avg. Moisture Content % (WB):	40	40

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: sawdust, bark, pieces
 Volume Used for Energy: 450 tons/year
 Volume Disposed of: 884 tons/year
 Are Wood Wastes Presently Sold for Fuel? Y
 Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage		
Handling	conveyor	
Screening/Drying		
Combustion	boiler	Dillon
Air Emissions		
Ash Disposal		
Cogeneration	none	

OPERATION AND MAINTENANCE

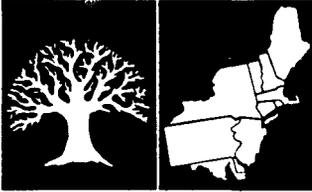
Began Using Wood In: JAN 1 00
 Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$75,000	Other Fuel Costs: \$
Funding Sources:	Wood Fuel Costs: \$

COMMENTS:

Firm has been using wood for energy since 1865.



Keene State College
Hale Building
Keene, NH 03431
603-352-1909

CONTACT PERSON: Robert Mallat TITLE: VP # Of Employees: 300
Company Description: School/College/Univ.

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 14.0
Steam 14,000 pounds/hr at 60 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Chips		
Volume (per year):	6,500.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	wood chips	
Cost (per ton):	20.00	
Source of Fuel:	brokers	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):	50	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	hydraulic truck	
Storage	300 ton silo	Laidig
Handling	conveyor belts	
Screening/Drying	shaker screener	Rolex
Combustion	retro oil boiler	Forest Fuels Inc
Air Emissions		
Ash Disposal		
Cogeneration	none	

OPERATION AND MAINTENANCE

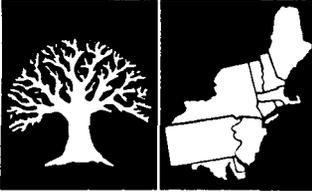
Began Using Wood In: JAN 1 85
Portion of Total Operating Time for Downtimes: 25%

COSTS

Total Equipment Costs: \$500,000 Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$130,000.00

COMMENTS:

Retrofitted oil boiler is fitted with
gasifier; drier is by Forest Fuels. Adjustments have been made to
unloading, drying and gasification equipment.



King Lumber Company
 Buffalo Road
 Wentworth, NH 03282
 603-764-9450

CONTACT PERSON: Robert Davison TITLE: Mgr
 Company Description: Wood Related Industry

Of Employees: 45
 SIC Code: 2421

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 4.3
 Steam 4,313 pounds/hr at 15 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#2 Oil	Sawdust	
Volume (per year):	10,000.0 Gallons	17,520.0 Tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	sawdust	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):	50	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: sawdust, bark, chips
 Volume Used for Energy: 175,200 tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel? Y
 Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	blower	
Storage	inside bins	
Handling	conveyor	
Screening/Drying	screen	
Combustion	HRT boiler	Lambion
Air Emissions	cyclone series	Lambion
Ash Disposal	landspread	
Cogeneration	none	

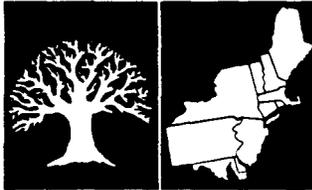
OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 82
 Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$200,000	Other Fuel Costs: \$
Funding Sources: bank	Wood Fuel Costs: \$

COMMENTS:



Monadnock Forest Products
 45 Prescott Road
 Jaffrey, NH 03452
 603-532-4471

CONTACT PERSON: Brian E. Rohde TITLE: Pres. # Of Employees: 50
 Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 6.0
 Steam 6,000 pounds/hr at 50 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#2 Oil		
Volume (per year):	3,000.0 Gallons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	sawdust	bark
Cost (per ton):		
Source of Fuel:		
Hard or Soft Wood:	mixed	mixed
Avg. Moisture Content % (WB):	50	50

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: sawdust bark chips
 Volume Used for Energy: 7,500 tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel? Y
 Would the Company like to sell wastes in the future?

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	conveyors	self
Storage	silo	Laidig
Handling		Laidig
Screening/Drying	none	
Combustion	firebox waterlube	Bloomfield
Air Emissions	fly ash arrestor	Zurn
Ash Disposal		
Cogeneration		

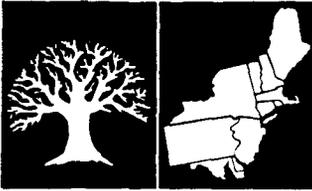
OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 81
 Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$500,000	Other Fuel Costs: \$
Funding Sources:	Wood Fuel Costs: \$

COMMENTS:



Murray Farms Greenhouse 1 of 2
 River Road RFD 7
 Penacook, NH 03303
 603-753-6781

CONTACT PERSON: Dave Murray TITLE: VP # Of Employees:
 Company Description: Greenhouse/Nursery

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 1.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#2 Oil	Chips	
Volume (per year):	60,000.0 Gallons	550.0 Tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	mill chips	
Cost (per ton):	21.00	
Source of Fuel:	pallet shop, mills	
Hard or Soft Wood:	hardwood	
Avg. Moisture Content % (WB):	52	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	truck	
Storage	bunker	custom
Handling	tractor/stoker	G&S Mill
Screening/Drying	none	
Combustion	pinhole grates	G&S Mill
Air Emissions	none	
Ash Disposal	none	
Cogeneration	none	

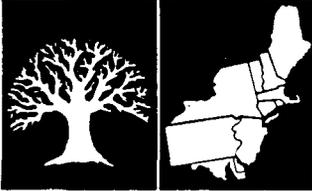
OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 84
 Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$44,000	Other Fuel Costs: \$
Funding Sources: internal	Wood Fuel Costs: \$11,550.00

COMMENTS:



Murray Farms Greenhouse 2 of 2
 River Road
 Penacook, NH 03303
 603-753-6781

CONTACT PERSON: Dave Murray TITLE: VP # Of Employees:
 Company Description: Greenhouse/Nursery

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 1.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#2 Oil	Chips	
Volume (per year):	6,000.0 Gallons	550.0 Tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	mill chips	
Cost (per ton):	21.00	
Source of Fuel:	pallet shop	
Hard or Soft Wood:	hard	
Avg. Moisture Content % (WB):	52	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	stoker	G & S Mill
Storage	bunket	self
Handling	tractor	
Screening/Drying	none	
Combustion	pinhole grates	G & S Mill
Air Emissions		
Ash Disposal		
Cogeneration		

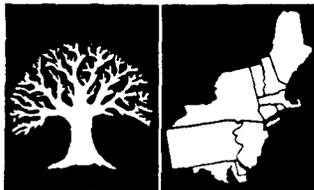
OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 84
 Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$44,000	Other Fuel Costs: \$
Funding Sources: self	Wood Fuel Costs: \$11,550.00

COMMENTS:



NH Flakeboard, Inc.
P.O. Box 207
Antrim, NH 03440
603-588-2889

CONTACT PERSON: R.A. Caughey TITLE: Pres. # Of Employees: 6
Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 1.5

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Chips		
Volume (per year):	25.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	wood chips	
Cost (per ton):	31.00	
Source of Fuel:	local sawmill	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):	15	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	7-ton truck	
Storage	10-ton inside bin	
Handling	manual	
Screening/Drying	custom drier-feeder	
Combustion	HRT boiler	Crane
Air Emissions	none	
Ash Disposal	hailed	
Cogeneration	none	

OPERATION AND MAINTENANCE

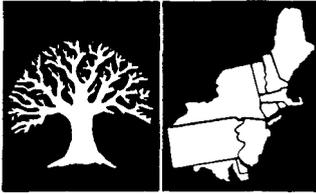
Began Using Wood In: JAN 1 82
Portion of Total Operating Time for Downtimes: 10%

COSTS

Total Equipment Costs: \$3,500	Other Fuel Costs: \$
Funding Sources:	Wood Fuel Costs: \$775.00

COMMENTS:

System has a low operating cost, uniform temp. control and no visible emissions; Hardwood chips burn better than softwood and should be burned at low moisture content.



Pinetree Power-Tamworth
 P.O. Box 244 Rt. 41
 West Ossipee, NH 03890
 603-323-8187

CONTACT PERSON: Eric Heggeseth TITLE: Plant Mgr # Of Employees: 25
 Company Description: Public/Private Utility

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 404.0
 Steam 190,000 pounds/hr at 700 psig

COGENERATION Capacity 20.0 Megawatts
 Electricity Produced On-Site: KWH/year
 Amount of Power Sold: KWH/year
 Power Sold to: Public Service Company of New Hampshire
 Price of Power Sold \$/KWH

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Tree Chips		
Volume (per year):	275,000.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	Whole Tree Chips	
Cost (per ton):	18.50	
Source of Fuel:	Local producers	
Hard or Soft Wood:	Blend	
Avg. Moisture Content % (WB):	50	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	Local Trucking	
Storage	Silo & outdoor pile	
Handling	Conveyor	Laidig Indus Systems
Screening/Drying		
Combustion	Boiler	Zurn Industries
Air Emissions	ESP	Environ. Elements
Ash Disposal	Drag Conveyors	Beaumont Birch
Cogeneration		

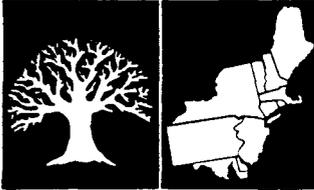
OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 88
 Portion of Total Operating Time for Downtimes: 15%

COSTS

Total Equipment Costs: \$	Other Fuel Costs: \$
Funding Sources:	Wood Fuel Costs: \$

COMMENTS:



Rochester Shoe Tree
 Box 746
 Ashland, NH 03217
 603-968-3301

CONTACT PERSON: Philip A Christophe TITLE: Pres.
 Company Description: Wood Related Industry

Of Employees: 220

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 3.4

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Sawdust	Chunk Wood	
Volume (per year):			

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	sawdust	chunk wood
Cost (per ton):		
Source of Fuel:	on-site	scrap
Hard or Soft Wood:	mixed	mixed
Avg. Moisture Content % (WB):	10	10

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: sawdust/chunks
 Volume Used for Energy: tons/year
 Volume Disposed of: 2,080 tons/year
 Are Wood Wastes Presently Sold for Fuel? N
 Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	exhaust system	
Storage	hoppers	
Handling	screw conveyor	
Screening/Drying	none	
Combustion	boiler	Peabody
Air Emissions		
Ash Disposal	10/yr	
Cogeneration		

OPERATION AND MAINTENANCE

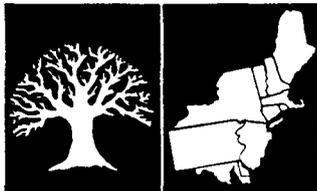
Began Using Wood In: JAN 1 79
 Portion of Total Operating Time for Downtimes: 10%

COSTS

Total Equipment Costs: \$350,000
 Funding Sources: Other Fuel Costs: \$
 Wood Fuel Costs: \$

COMMENTS:

Burn wood if you have it on the premises
 as a waste product. Energy used for space heat and wood drying.



Soc. for Prot. of NH For.
54 Portsmouth St
Concord, NH 03301
603-224-9945

CONTACT PERSON: Stephen Blackmer TITLE: Pol.Dir. # Of Employees: 25
Company Description: Misc.

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 0.2

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Chips		
Volume (per year):	14.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	wood chips	
Cost (per ton):	21.00	
Source of Fuel:	broker	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):	40	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	van	
Storage	bin	
Handling	hopper, manual	
Screening/Drying		
Combustion	chip boiler	Tasso
Air Emissions		
Ash Disposal		
Cogeneration	none	

OPERATION AND MAINTENANCE

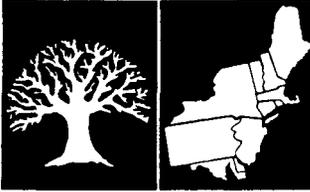
Began Using Wood In: JAN 1 80
Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$294.00

COMMENTS:

They have a fulltime caretaker to maintain the system. Converted from pellets to chips in 1985. Only other source of energy is solar.



Souhegan Wood Prods Inc.
 PO Box 120
 Wilton, NH 03086
 603-654-2311

CONTACT PERSON: V.A. Cartmell TITLE: Pres # Of Employees: 50
 Company Description: Wood Related Industry SIC Code: 2492

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr):

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:			
Volume (per year):			
WOODFUEL USE	WOODFUEL #1	WOODFUEL #2	
Fuel Type:	sawdust and chips	cord wood	
Cost (per ton):	40.00	20.00	
Source of Fuel:	mills & kilns		
Hard or Soft Wood:	soft	soft	
Avg. Moisture Content % (WB):			

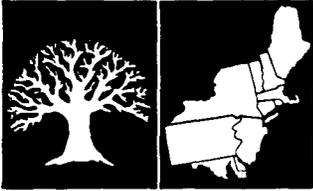
FIRMS THAT PRODUCE WOOD WASTE
 Type of Wood Wastes Produced: prod rejects
 Volume Used for Energy: tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel?
 Would the Company like to sell wastes in the future?

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	trailers	
Storage	silo & bins	
Handling	vacuum & screws	
Screening/Drying		Sweco
Combustion	solid fuel boiler	Dillon
Air Emissions	cyclones	
Ash Disposal		
Cogeneration		

OPERATION AND MAINTENANCE
 Began Using Wood In:
 Portion of Total Operating Time for Downtimes: 5%

COSTS
 Total Equipment Costs: \$ Other Fuel Costs: \$
 Funding Sources: Wood Fuel Costs: \$

COMMENTS:
 Our greatest downtime has been for lack of fuel (ie process wood). Buying much of our supply now direct rather than through a contractor; costs continue to climb.



Timco, Inc.
 PO Box 27
 Ctr. Barnstead, NH 03225
 603-269-5900

CONTACT PERSON: David Houle TITLE: President # Of Employees: 110
 Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 90.0
 Steam 60,000 pounds/hr at 225 psig

COGENERATION Capacity 3.5 Megawatts
 Electricity Produced On-Site: 29,000,000 KWH/year
 Amount of Power Sold: 29,000,000 KWH/year
 Power Sold to: Public Service Company of New Hampshire

Price of Power Sold \$/KWH
 FUEL USE FUEL #1 FUEL #2 FUEL #3
 Fuel Type: Chips
 Volume (per year): 75,000.0 tons

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	Chips	
Cost (per ton):	16.50	
Source of Fuel:	Local Chipper	
Hard or Soft Wood:	Both	
Avg. Moisture Content % (WB):	50	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: chips and Sawdust
 Volume Used for Energy: tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel? N
 Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery		
Storage	Building	
Handling	Bobcats and Loader	
Screening/Drying	None	
Combustion		
Air Emissions		
Ash Disposal		
Cogeneration	Yes	

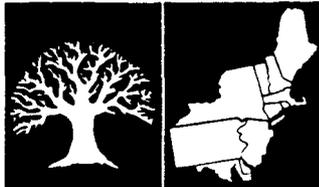
OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 82
 Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$5,000,000 Other Fuel Costs: \$
 Funding Sources: Internal Wood Fuel Costs: \$

COMMENTS:



Tommila Brothers, Inc.
 Rte 12
 Troy, NH 03465
 603-242-7774

CONTACT PERSON: John Tommila TITLE: Pres # Of Employees: 20
 Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 6.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#2 Oil	Sawdust	
Volume (per year):	800.0 Gallons	3,125.0 Tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	sawdust	bark
Cost (per ton):		
Source of Fuel:	on-site	on-site
Hard or Soft Wood:	mixed	mixed
Avg. Moisture Content % (WB):	20	65

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: bark, sawdust
 Volume Used for Energy: 6,250 tons/year
 Volume Disposed of: 3,125 tons/year
 Are Wood Wastes Presently Sold for Fuel? Y
 Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage	inside	
Handling	pneumatic feed	
Screening/Drying	none	
Combustion	pkg Dutch oven	Lambion
Air Emissions		
Ash Disposal		
Cogeneration	none	

OPERATION AND MAINTENANCE

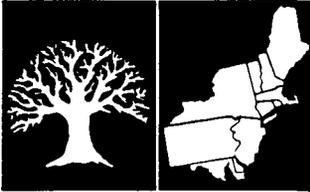
Began Using Wood In: JAN 1 77
 Portion of Total Operating Time for Downtimes: 10%

COSTS

Total Equipment Costs: \$500,000	Other Fuel Costs: \$
Funding Sources: internal	Wood Fuel Costs: \$

COMMENTS:

Company is saving \$150,000/yr with wood.



Whitefield Power & Light
P.O. Box 206
Whitefield, NH 03598
603-837-9328

CONTACT PERSON: David McQuillan TITLE: Plant Mgr. # Of Employees: 22
Company Description: Public/Private/Utility

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 220.7
Steam 145,000 pounds/hr at 900 psig

COGENERATION Capacity 16.0 Megawatts
Electricity Produced On-Site: KWH/year
Amount of Power Sold: KWH/year
Power Sold to: Public Service Company of New Hampshire
Price of Power Sold \$/KWH

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Chips	Bark	Sawdust
Volume (per year):	200,000.0 tons	10,000.0 tons	10,000.0 tons

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	Chips	Bark-Sawdust
Cost (per ton):	18.50	18.50
Source of Fuel:	Wood processes	
Hard or Soft Wood:	mixture	mixture
Avg. Moisture Content % (WB):	49	50

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	Truck Dump	Peerless
Storage	A Frame	Fairfield
Handling	Belts	Fairfield
Screening/Drying	Disc Screen	Williams
Combustion	Boiler	Babcock-Wilcock
Air Emissions	Precipitator	
Ash Disposal	Augers	Lane Supply
Cogeneration		

OPERATION AND MAINTENANCE

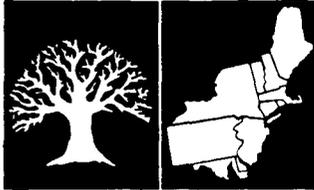
Began Using Wood In: MAR 1 88
Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$20,000,000 Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$

COMMENTS:

Fuel is supplied by local wood waste processor.



Yield House Whittier Div.
Routes 16 & 302
North Conway, NH 03860
603-356-3141

CONTACT PERSON: Ron Prevost TITLE: Plt Engr. # Of Employees:
Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 6.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Wood Waste		
Volume (per year):	1,200.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	Wood Waste	
Cost (per ton):		
Source of Fuel:	Mfg. Plant	
Hard or Soft Wood:	Both	
Avg. Moisture Content % (WB):	10	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: furniture scraps
Volume Used for Energy: 1,200 tons/year
Volume Disposed of: 30,000 tons/year
Are Wood Wastes Presently Sold for Fuel? Y
Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	Truck	Kenworth/Trailmobile
Storage	Chip bin	custom
Handling	Hydraulic & Blower	custom and Bisson
Screening/Drying	none	
Combustion	Screw and air fans	Aryousfyr (Danish)
Air Emissions		Zurn
Ash Disposal	Fly Ash Collector	Zurn
Cogeneration	None	

OPERATION AND MAINTENANCE

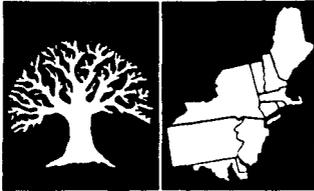
Began Using Wood In: JAN 1 40
Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$85,000 Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$

COMMENTS:

This facility has been changed from manufacturing to a warehouse. The wood fired boiler is used to heat the building. It is located in W. Ossipee, New Hampshire.



AFA Pallet Co.
 514 Doremus Ave
 Newark, NJ 07105
 201-589-8336

CONTACT PERSON: Anthony A Peterpaul TITLE: Pres
 Company Description: Wood Related Industry

Of Employees: 75

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 2.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Scrap		
Volume (per year):	800.0 tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	scrap wood	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):	10	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: pallets scrap cutoff
 Volume Used for Energy: 800 tons/year
 Volume Disposed of: 10,000 tons/year
 Are Wood Wastes Presently Sold for Fuel? N
 Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage		
Handling	forklift	
Screening/Drying		
Combustion	wood furnace	Steel King
Air Emissions		
Ash Disposal		
Cogeneration	none	

OPERATION AND MAINTENANCE

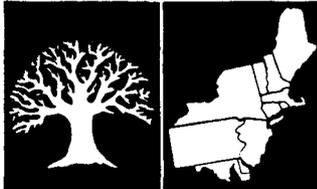
Began Using Wood In: JAN 1 82
 Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$50,000	Other Fuel Costs: \$
Funding Sources:	Wood Fuel Costs: \$

COMMENTS:

Get information and advice from Steel King.



Door-Master Corp.
3160 Bordentown Ave.
Old Bridge, NJ 08857
201-727-1600

CONTACT PERSON: Mrs. Izzo TITLE: Pres. # Of Employees: 15
Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): Handfired

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#2 Oil	Chunk Wood	
Volume (per year):	3,000.0 Gallons	15.0 Cords	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	chunkwood	
Cost (per ton):		
Source of Fuel:	our waste	
Hard or Soft Wood:		
Avg. Moisture Content % (WB):		

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: hardwood chunks
Volume Used for Energy: 1 tons/year
Volume Disposed of: tons/year
Are Wood Wastes Presently Sold for Fuel? N
Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery		
Storage		
Handling		
Screening/Drying		
Combustion	wood stove	Rettew Mfg
Air Emissions		
Ash Disposal		
Cogeneration		

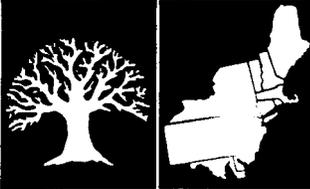
OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 81
Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$15,500 Other Fuel Costs: \$2,500.00
Funding Sources: cash Wood Fuel Costs: \$

COMMENTS:



Excel Wood Products
P.O. Box 819
Lakewood, NJ 08701
201-364-2000

CONTACT PERSON: Ernie Schriener TITLE: consultant # Of Employees:
Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 13.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#2 Oil	Natural Gas	
Volume (per year):	86,419.0 Gallons	29,850.0 CCF	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	sawdust	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):	15	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: sawdust
Volume Used for Energy: tons/year
Volume Disposed of: tons/year
Are Wood Wastes Presently Sold for Fuel? N
Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage	2 outside silos	
Handling	screw augers	
Screening/Drying	fuel hog	
Combustion	3 boilers	Smith; Burnham; Sugmet
Air Emissions	fly ash collector	
Ash Disposal	bins/landfill	
Cogeneration	none	

OPERATION AND MAINTENANCE

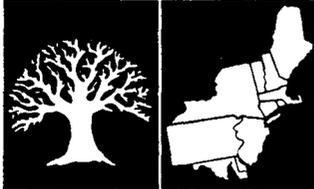
Began Using Wood In: JAN 1 82
Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$250,000 Other Fuel Costs: \$
Funding Sources: internal Wood Fuel Costs: \$

COMMENTS:

Three separate boilers are rated at 3,4 and 6 million BTU/hr. Considering cogeneration.



Jersey Millwork
 38 Blanchard St.
 Newark, NJ
 201-344-9200

CONTACT PERSON: Pat DeGeronimo TITLE: Plant Mgr. # Of Employees:
 Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 2.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Mill Waste		
Volume (per year):	2,500.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	Mill Waste	
Cost (per ton):		
Source of Fuel:	On Site	
Hard or Soft Wood:	Soft	
Avg. Moisture Content % (WB):	15	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery		
Storage	Bin	
Handling	Blower, Conveyor	Hammermill
Screening/Drying		
Combustion	Hot Air	G & S
Air Emissions		
Ash Disposal	Landfill	
Cogeneration		

OPERATION AND MAINTENANCE

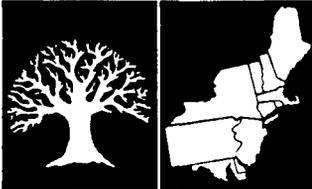
Began Using Wood In: JAN 1 86
 Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$200,000	Other Fuel Costs: \$
Funding Sources:	Wood Fuel Costs: \$

COMMENTS:

Bob Constantis of Hammermill Co. can answer specific questions at
 (302) 478 6055.



U.S. Components
P.O. Box 410
Berlin, NJ 08009
609-767-3153

CONTACT PERSON: Micheal Kayllo TITLE: Maintenance # Of Employees:
Company Description: Misc.

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 1.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Scrap Wood	Oil	
Volume (per year):	300.0 Cords		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	Wood scraps	
Cost (per ton):		
Source of Fuel:	On site	
Hard or Soft Wood:	softw	
Avg. Moisture Content % (WB):	5	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: scrap Wood
Volume Used for Energy: tons/year
Volume Disposed of: tons/year
Are Wood Wastes Presently Sold for Fuel? N
Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery		
Storage	Bin	
Handling	Hammermill	
Screening/Drying		
Combustion	Forced Draft	G & S Mill
Air Emissions		
Ash Disposal	Landfill	
Cogeneration		

OPERATION AND MAINTENANCE

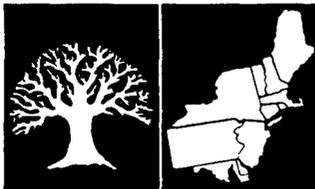
Began Using Wood In: JAN 1 81
Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$70,000 Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$

COMMENTS:

This company runs three boilers: two 0.8 Million BTUs/Hr and one 1.0 Million BTUs/hr units.



Viking Yacht Company

New Gretna, NJ
609-296-6000

CONTACT PERSON: Tom Jones TITLE: Maintenance # Of Employees:
Company Description: Non-Wood Related Industry

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 6.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Pellets		
Volume (per year):			

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	Pellets	
Cost (per ton):		
Source of Fuel:	On Site	
Hard or Soft Wood:	Mixture	
Avg. Moisture Content % (WB):	8	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery		
Storage	Silos	
Handling	Screw Auger	
Screening/Drying		
Combustion	Hot Water	Bio Therm
Air Emissions		
Ash Disposal		
Cogeneration		

OPERATION AND MAINTENANCE

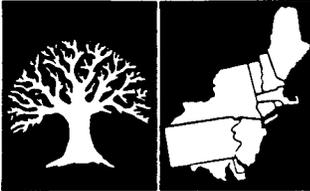
Began Using Wood In: JAN 1 88
Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$130,000 Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$

COMMENTS:

The company has only recently started to burn pellets. They produce their own pellets which are made of waste wood and sawdust.



Acme United Corp.
 10 E. Bayard Street
 Seneca Falls, NY 13148
 315-568-5348

CONTACT PERSON: Phillip R. Westcott TITLE:
 Company Description: Wood Related Industry

Of Employees:
 SIC Code: 2490

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 4.0 Handfired

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Sawdust		
Volume (per year):	114.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	mill residues	
Cost (per ton):		
Source of Fuel:	on site	
Hard or Soft Wood:		
Avg. Moisture Content % (WB):	15	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage		
Handling	custom stoker	R E Drake Co
Screening/Drying		
Combustion	pkg boiler	Federal Boiler Co.
Air Emissions	none	
Ash Disposal	none	
Cogeneration	none	

OPERATION AND MAINTENANCE

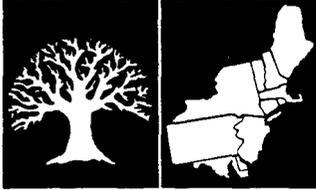
Began Using Wood In: JAN 1 71
 Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$
 Funding Sources: Other Fuel Costs: \$
 Wood Fuel Costs: \$

COMMENTS:

Stopped burning waste on site because production not sufficient; can still burn sawdust in suspension. Burns 6,100,000 ccf/yr natural gas.



Adirondack
McKinley Ave
Dodgeville, NY 13329
315-429-8511

CONTACT PERSON: Bruce Mang
Company Description: Misc.

TITLE:

Of Employees:
SIC Code: 3949

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 2.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Sawdust		
Volume (per year):	700.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	mill residues	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:		
Avg. Moisture Content % (WB):	15	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: residue
Volume Used for Energy: 700 tons/year
Volume Disposed of: tons/year
Are Wood Wastes Presently Sold for Fuel?
Would the Company like to sell wastes in the future?

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	none	
Storage		
Handling	pneum feed boiler	Rogers Stoker
Screening/Drying		
Combustion	package boiler	Union Iron Wks
Air Emissions	none	
Ash Disposal	none	
Cogeneration		

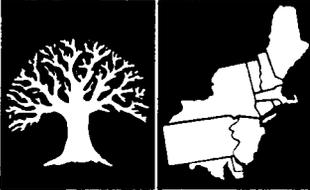
OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 74
Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$
Funding Sources:
Other Fuel Costs: \$
Wood Fuel Costs: \$

COMMENTS:



Ames Handle Co., Inc.
Clifton Street
Unadilla, NY 13849
607-369-9595

CONTACT PERSON: Dan Nightingale TITLE: Plt Mgr # Of Employees:
Company Description: Wood Related Industry SIC Code: 2490

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 0.2 Handfired

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Slabs		
Volume (per year):	400.0 tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	slabs	
Cost (per ton):		
Source of Fuel:	on site	
Hard or Soft Wood:		
Avg. Moisture Content % (WB):	12	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: slabs
Volume Used for Energy: 400 tons/year
Volume Disposed of: tons/year
Are Wood Wastes Presently Sold for Fuel? N
Would the Company like to sell wastes in the future?

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	none	
Storage		
Handling	hand-fired	
Screening/Drying	none	
Combustion	packaged boiler	Rettew Assoc Inc.
Air Emissions	none	
Ash Disposal	none	
Cogeneration	none	

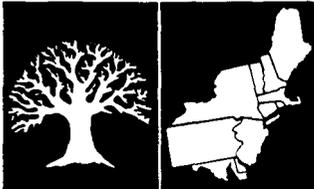
OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 82
Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$

COMMENTS:



B & B Lumber Co., Inc.
 Solvay Road
 Jamesville, NY 13078
 315-492-1786

CONTACT PERSON: Neil Hildreth TITLE: Supervisor # Of Employees: 55
 Company Description: Wood Related Industry SIC Code: 2448

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 6.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Sawdust		
Volume (per year):	1,400.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	sawdust	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:		
Avg. Moisture Content % (WB):	15	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: sawdust
 Volume Used for Energy: 1,400 tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel? Y
 Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage		
Handling	gravity feed screw	Justen Co.
Screening/Drying	none	
Combustion	builtup boiler	Pacific Steel
Air Emissions	none	
Ash Disposal	none	
Cogeneration	none	

OPERATION AND MAINTENANCE

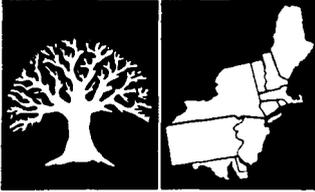
Began Using Wood In: JAN 1 82
 Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$	Other Fuel Costs: \$
Funding Sources:	Wood Fuel Costs: \$

COMMENTS:

Very satisfied with the system.



Becker Manufacturing Corp

E. Durham, NY 12423
518-634-2571

CONTACT PERSON: George Warner TITLE: Plt Mgr # Of Employees: 300
Company Description: Wood Related Industry SIC Code: 2434

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 6.0
Steam 6,000 pounds/hr at 160 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#2 Oil	Mill Wastes	
Volume (per year):	100.0 Gallons	1,200.0 Tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	Wood scraps	sawdust
Cost (per ton):		
Source of Fuel:	on-site	air collection
Hard or Soft Wood:	hardwood	hardwood
Avg. Moisture Content % (WB):	15	15

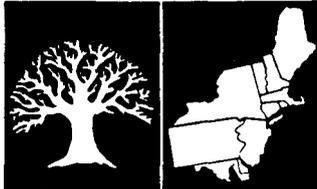
FIRMS THAT PRODUCE WOOD WASTE
Type of Wood Wastes Produced: scraps, sawdust
Volume Used for Energy: 1,400 tons/year
Volume Disposed of: 200 tons/year
Are Wood Wastes Presently Sold for Fuel? N
Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage	shed & silo	Laidig
Handling	blowers & augers	
Screening/Drying	hammermill & screen	
Combustion	built up boiler	Steelcraft Vinke
Air Emissions	cyclone collect	
Ash Disposal	bin, local landfill	
Cogeneration	none	

OPERATION AND MAINTENANCE
Began Using Wood In: JAN 1 82
Portion of Total Operating Time for Downtimes: 5%

COSTS
Total Equipment Costs: \$441,000 Other Fuel Costs: \$81.00
Funding Sources: int & loan Wood Fuel Costs: \$

COMMENTS:
Very satisfied with the system. Boiler does not need to be checked frequently.



Bernhards Bay Veneer Corp
Keller Dr.
Bernhards Bay, NY 13028
315-675-3624

CONTACT PERSON: Joe Fletcher TITLE: Pres # Of Employees:
Company Description: Wood Related Industry SIC Code: 2421

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 20.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Sawdust		
Volume (per year):	10,000.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	mill residue	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):	15	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: chips, dust, bark
Volume Used for Energy: 12,000 tons/year
Volume Disposed of: 10,000 tons/year
Are Wood Wastes Presently Sold for Fuel? Y
Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage		
Handling	screw augers	McBurn Air Swept
Screening/Drying	2 chippers on-site	
Combustion	wood boiler	Dillon Steam Boiler
Air Emissions	none	
Ash Disposal	none	
Cogeneration	none	

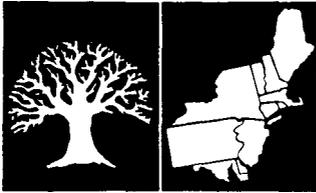
OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 87
Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$

COMMENTS:



Binghamton Psych. Center
 425 Robinson St
 Binghamton, NY 13901
 607-773-4565

CONTACT PERSON: Paul Goewey TITLE: Engn. # Of Employees:
 Company Description: School/College/Univ. SIC Code: 8061

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 13.8
 Steam 13,800 pounds/hr at 115 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#2 Oil	Chips	
Volume (per year):	300,000.0 Gallons	9,000.0 Tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	wood chips	
Cost (per ton):	20.00	
Source of Fuel:	broker	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):	35	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	transfer shed, conv	Balzer
Storage	silos w/bucket elev	Harvester
Handling	pneumatic blower	Thermal Process
Screening/Drying	none	
Combustion	fluidized bed	Thermal Process
Air Emissions	dry centrifugal	Joy Mfg Co
Ash Disposal	ash augers, offsite	
Cogeneration	none	

OPERATION AND MAINTENANCE

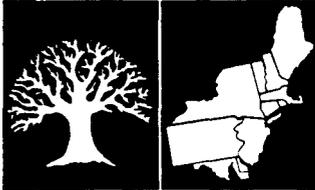
Began Using Wood In: JAN 1 79
 Portion of Total Operating Time for Downtimes: 60%

COSTS

Total Equipment Costs: \$470,000	Other Fuel Costs: \$
Funding Sources: state funds	Wood Fuel Costs: \$180,000.00

COMMENTS:

The system was originally underbuilt to save costs. Substantial modifications were required later.



Bohrer Lumber Co.
Route 11
Lafayette, NY 13084
315-677-3126

CONTACT PERSON: Robert Wetzel TITLE: VP
Company Description: Wood Related Industry

Of Employees: 50
SIC Code: 2426

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 4.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Chunk Wood		
Volume (per year):	4,380.0 tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	chunkwood	sawdust
Cost (per ton):		
Source of Fuel:	on-site	on-site
Hard or Soft Wood:		
Avg. Moisture Content % (WB):	15	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: woodchunks, sawdust
Volume Used for Energy: 4,380 tons/year
Volume Disposed of: tons/year
Are Wood Wastes Presently Sold for Fuel?
Would the Company like to sell wastes in the future?

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage	chunk;man, dust;pneu	
Handling	manual	
Screening/Drying	none	
Combustion	pkg boiler	Kewanee Boiler Co
Air Emissions	none	
Ash Disposal	none	
Cogeneration	none	

OPERATION AND MAINTENANCE

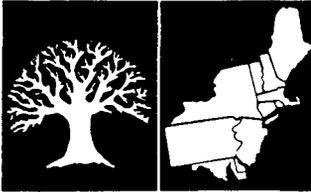
Began Using Wood In: JAN 1 62
Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$

COMMENTS:

Some wood chunks are purchased in bundles.
A second 4 million BTU wood boiler is used for back-up. Sawdust is
pneumatically fed.



C.B. Norton & Son, Inc.
 Peth Road
 Great Valley, NY 14741
 716-945-1990

CONTACT PERSON: Dave Forness TITLE: Pers Mgr # Of Employees: 35
 Company Description: Wood Related Industry SIC Code: 2421

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 4.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Sawdust		
Volume (per year):	480.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	sawdust	
Cost (per ton):		
Source of Fuel:	onsite	
Hard or Soft Wood:		
Avg. Moisture Content % (WB):	8	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: sawdust
 Volume Used for Energy: 480 tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel? N
 Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage	2 silos	
Handling	pneum feed blower	C B Norton & Son
Screening/Drying	none	
Combustion	wood boiler	Erie City Iron Wks
Air Emissions	none	
Ash Disposal	none	
Cogeneration	none	

OPERATION AND MAINTENANCE

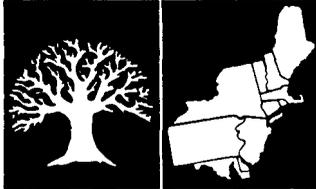
Began Using Wood In: JAN 1 65
 Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$	Other Fuel Costs: \$
Funding Sources:	Wood Fuel Costs: \$

COMMENTS:

Very satisfied with the system.



Camp Gabriels Corr. Fac.
P.O. Box 100
Gabriels, NY 12539
518-327-3111

CONTACT PERSON: Bob Tummings TITLE: Plant Mgr. # Of Employees:
Company Description: Public Facility

AVERAGE PLANT OUTPUT

Heat (million Btus/hr):
Steam 8,625 pounds/hr at 100 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Wood Chips		
Volume (per year):	1,500.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	Wood Chips	
Cost (per ton):	20.00	
Source of Fuel:	Contractors	
Hard or Soft Wood:	Mixture	
Avg. Moisture Content % (WB):	50	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	Livebottom trailers	
Storage	Livebottom trailers	
Handling	Hopper/Screw auger	
Screening/Drying	Coarse Grind	
Combustion	Step grade stoker	North Fab
Air Emissions		
Ash Disposal	Landfilled	
Cogeneration		

OPERATION AND MAINTENANCE

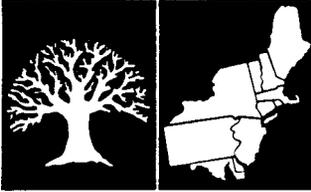
Began Using Wood In: JAN 1 87
Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$750,000	Other Fuel Costs: \$
Funding Sources: State funds	Wood Fuel Costs: \$30,000.00

COMMENTS:

They burn wood October through April. Woods chips rise to \$25 during the summer. Payback period was 3 years before oil prices fell. Now it is closer to 6 - 8 years.



Carlson Wood Product:
RD 1 Box 310
Sinclairville, NY 14782
716-287-2923

CONTACT PERSON: William Carlson TITLE: Pres # Of Employees: 15
Company Description: Wood Related Industry SIC Code: 2426

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 5.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Residue		
Volume (per year):	1,500.0 tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	mill residues	
Cost (per ton):		
Source of Fuel:	on site	
Hard or Soft Wood:		
Avg. Moisture Content % (WB):	8	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: mill residue
Volume Used for Energy: 1,500 tons/year
Volume Disposed of: tons/year
Are Wood Wastes Presently Sold for Fuel? N
Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage		
Handling	pneum feed blower	Okerland Co
Screening/Drying	none	
Combustion	multifuel boiler	N. Amer Mercury
Air Emissions	none	
Ash Disposal	none	
Cogeneration	none	

OPERATION AND MAINTENANCE

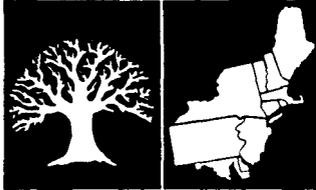
Began Using Wood In: JAN 1 78
Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$

COMMENTS:

Back-up #2 oil used rarely. Plant expansion is underway and will increase wood fuel use.



Chimney Mtn. Craftsmen In
PO Box 298
Indian Lake, NY 12842
518-648-5722

CONTACT PERSON: Donald King TITLE: President # Of Employees: 11
Company Description: Wood Related Industry SIC Code: 1103

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 2.5 Handfired

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Chunk Wood		
Volume (per year):	100.0 cords		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	mill residues	chunkwood
Cost (per ton):		100.00
Source of Fuel:	on-site	on site
Hard or Soft Wood:		
Avg. Moisture Content % (WB):	8	40

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: wood chunks, scrap
Volume Used for Energy: tons/year
Volume Disposed of: tons/year
Are Wood Wastes Presently Sold for Fuel?
Would the Company like to sell wastes in the future?

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	truck	
Storage	outdoor pile	
Handling	hand fired	
Screening/Drying	none	
Combustion	packaged boiler	Eshland Enterprises
Air Emissions		
Ash Disposal	outside landfill	
Cogeneration	none	

OPERATION AND MAINTENANCE

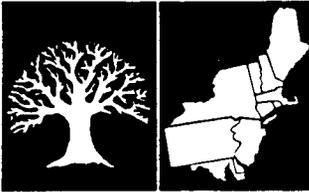
Began Using Wood In: JAN 1 83
Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$

COMMENTS:

Stopped burning wood in 1986 when oil prices
dropped. They do not plan on burning in the future.



Clarkson University

Potsdam, NY 13676
315-268-6424

CONTACT PERSON: G.C. Gonyea TITLE: Engn. # Of Employees: 530
Company Description: School/College/Univ. SIC Code: 8221

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 10.0
Steam 10,000 pounds/hr at 70 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#2 Oil	Chips	Residue
Volume (per year):	20,000.0 Gallons	2,300.0 Tons	1,350.0 tons

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	wood chips	residue chips
Cost (per ton):	20.00	18.00
Source of Fuel:	broker	local mills
Hard or Soft Wood:	mixed	mixed
Avg. Moisture Content % (WB):	45	40

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	tractor trailers	
Storage	chip silo	
Handling	pneumatic feeder	
Screening/Drying	Fuel hog screen	
Combustion	wood boiler	Bethlehem Boiler
Air Emissions	2 dust collectors	Zurn, Inc.
Ash Disposal	on-site landfill	
Cogeneration	none	

OPERATION AND MAINTENANCE

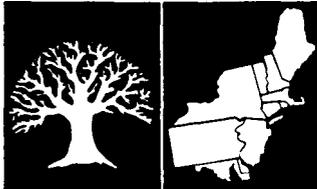
Began Using Wood In: JAN 1 81
Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$700,000 Other Fuel Costs: \$25,000.00
Funding Sources: grant,int Wood Fuel Costs: \$89,300.00

COMMENTS:

Improvements were made to fuel handling system during the first few years of operation; may install cogen equipment in the future. Very satisfied with system.



Colgate University
 Broad Street
 Hamilton, NY 13346
 315-824-1000

CONTACT PERSON: Austin Joerger TITLE: Phys Plt # Of Employees:
 Company Description: School/College/Univ.

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 25.0
 Steam 25,000 pounds/hr at 110 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#6 Oil	Chips	
Volume (per year):	7,400.0 Gallons	19,700.0 Tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	wood chips	
Cost (per ton):	21.00	
Source of Fuel:	whole tree chippers	
Hard or Soft Wood:	hard	
Avg. Moisture Content % (WB):	45	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	truck & bobcats	
Storage	shed w/drag chain	
Handling	pneumatic feed	Industrial Boiler
Screening/Drying	prescreened chips	
Combustion	horizontal fire tube	Industrial Boiler
Air Emissions	dust collectors	
Ash Disposal	landspread on site	
Cogeneration	none	

OPERATION AND MAINTENANCE

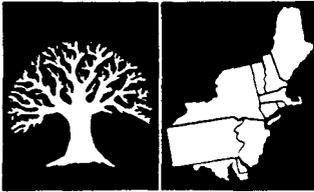
Began Using Wood In: JAN 1 82
 Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$14	Other Fuel Costs: \$
Funding Sources: int,grant	Wood Fuel Costs: \$413,700.00

COMMENTS:

College very pleased with wood system; no major problems. Mueller Assoc., Baltimore MD provides advice.



Altoona Correctional Fac.
P.O. Box 125
Altoona, NY 12910
518-236-7841

CONTACT PERSON: Francis Ryan TITLE: Dept Sup # Of Employees:
Company Description: Public Facility SIC Code: 9223

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 5.8 Handfired

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Chunk Wood		
Volume (per year):	290.0 Cords		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	chunkwood	
Cost (per ton):	18.33	
Source of Fuel:	purchased	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):	45	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	truck	
Storage	outside pile	
Handling	hand fired	
Screening/Drying	none	
Combustion	package boiler	Federal Boiler Co
Air Emissions	none	
Ash Disposal	none	
Cogeneration	none	

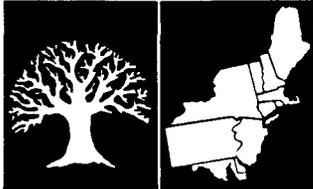
OPERATION AND MAINTENANCE

Began Using Wood In: FEB 1 84
Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$	Other Fuel Costs: \$
Funding Sources:	Wood Fuel Costs: \$

COMMENTS:



Cortland Wood Products
 150 McLean Road
 Cortland, NY 13045
 607-753-1081

CONTACT PERSON: Ed Schubert TITLE: Controller # Of Employees: 100
 Company Description: Wood Related Industry SIC Code: 2448

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 15.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Sawdust		
Volume (per year):	7,800.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	sawdust	
Cost (per ton):		
Source of Fuel:	onsite	
Hard or Soft Wood:		
Avg. Moisture Content % (WB):	15	

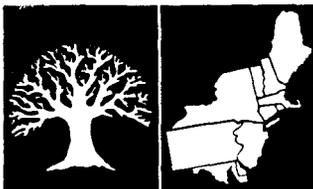
FIRMS THAT PRODUCE WOOD WASTE
 Type of Wood Wastes Produced: sawdust
 Volume Used for Energy: 7,800 tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel? N
 Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage	storage bins	
Handling	gravity feed augers	Conifer Co.
Screening/Drying	none	
Combustion	built up boiler	International
Air Emissions	none	
Ash Disposal	none	
Cogeneration	none	

OPERATION AND MAINTENANCE
 Began Using Wood In: JAN 1 65
 Portion of Total Operating Time for Downtimes: 5%

COSTS
 Total Equipment Costs: \$ Other Fuel Costs: \$
 Funding Sources: Wood Fuel Costs: \$

COMMENTS:
 Very satisfied with the system. Three wood boilers are used with a combined capacity of about 15 million BTU/hr.



Crawford Furniture
 1061 Allen Street
 Jamestown, NY 14701
 716-665-4227

CONTACT PERSON: Al Gullotti TITLE: Plt Mgr # Of Employees: 150
 Company Description: Wood Related Industry SIC Code: 2511

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 6.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Sawdust		
Volume. (per year):	400.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	sawdust, scrap	
Cost (per ton):		
Source of Fuel:	on site	
Hard or Soft Wood:	hardwood	
Avg. Moisture Content % (WB):	15	

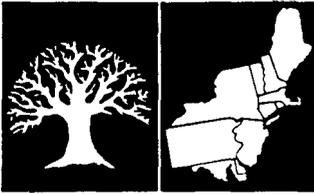
FIRMS THAT PRODUCE WOOD WASTE
 Type of Wood Wastes Produced: sawdust, scrap
 Volume Used for Energy: 400 tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel? N
 Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage	outside pile	
Handling	pneumatic feed	
Screening/Drying	scraps hogged	
Combustion	HRT boiler	Erie City Iron Wks
Air Emissions	wet scrubber	custom made
Ash Disposal	offsite landfill	
Cogeneration	none	

OPERATION AND MAINTENANCE
 Began Using Wood In: JAN 1 74
 Portion of Total Operating Time for Downtimes: 5%

COSTS
 Total Equipment Costs: \$ Other Fuel Costs: \$
 Funding Sources: Wood Fuel Costs: \$

COMMENTS:
 Very satisfied with the system.



Curtis Lumber
Route 67
Ballston Spa, NY 12020
518-885-5311

CONTACT PERSON: Robert Curtis TITLE: Pres. # Of Employees:
Company Description: Wood Related Industry SIC Code: 2421

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 8.2 Handfired

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Sawdust		
Volume (per year):	4,500.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	mill residue	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:		
Avg. Moisture Content % (WB):	12	

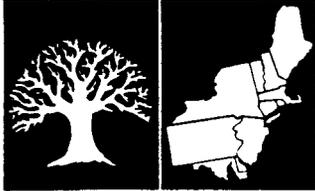
FIRMS THAT PRODUCE WOOD WASTE
Type of Wood Wastes Produced: sawdust, residue
Volume Used for Energy: 4,500 tons/year
Volume Disposed of: tons/year
Are Wood Wastes Presently Sold for Fuel?
Would the Company like to sell wastes in the future?

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	none	
Storage		
Handling	grav. feed screw	Industr. Boiler
Screening/Drying		
Combustion	package boiler	Industr. Boiler
Air Emissions	cyclone separator	Zurn, Inc.
Ash Disposal		
Cogeneration	none	

OPERATION AND MAINTENANCE
Began Using Wood In: JAN 1 78
Portion of Total Operating Time for Downtimes: 0%

COSTS
Total Equipment Costs: \$ Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$

COMMENTS:
Wood plant is currently shut down, due to market conditions.



Cyganovich and Andrews
 444 Main St.
 Owego, NY 13827
 607-687-2574

CONTACT PERSON: Tony Cyganovich TITLE: Manager # Of Employees: 14
 Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 3.3

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Wood Wastes	Shavings	
Volume (per year):	90.0 Tons	170.0 Tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	Blocks	Shavings
Cost (per ton):		
Source of Fuel:	on site	on site
Hard or Soft Wood:	hard	hard
Avg. Moisture Content % (WB):	6	6

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: Blocks & shavings
 Volume Used for Energy: 260 tons/year
 Volume Disposed of: 110 tons/year
 Are Wood Wastes Presently Sold for Fuel? N
 Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery		
Storage	Silo	Northfab
Handling	Conveyor	Northfab
Screening/Drying	Kiln	Moore
Combustion	Firetube Boiler	Northfab
Air Emissions	Cyclone collector	
Ash Disposal		
Cogeneration		

OPERATION AND MAINTENANCE

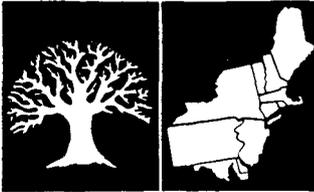
Began Using Wood In: DEC 1 85
 Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$110,000	Other Fuel Costs: \$
Funding Sources: NY State & Bank	Wood Fuel Costs: \$

COMMENTS:

This company uses hogged blocks and shavings to feed the boiler.
 Steam produced is used to heat the main building and the kilns.



Donver Inc.
 Box 181
 Killbuck, NY 14748
 716-945-1910

CONTACT PERSON: Don Vershay TITLE: Pres # Of Employees: 31
 Company Description: Wood Related Industry SIC Code: 2421

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 6.6

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Sawdust		
Volume (per year):	300.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	sawdust, chips	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:	hardwood	
Avg. Moisture Content % (WB):	8	

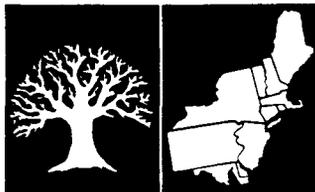
FIRMS THAT PRODUCE WOOD WASTE
 Type of Wood Wastes Produced: sawdust, chips
 Volume Used for Energy: 300 tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel? N
 Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage	silos	
Handling	screw augers	
Screening/Drying	none	
Combustion	wood boiler	E. Keeler Co.
Air Emissions	none	
Ash Disposal	manual, landspread	
Cogeneration	none	

OPERATION AND MAINTENANCE
 Began Using Wood In: JAN 1 62
 Portion of Total Operating Time for Downtimes: 5%

COSTS
 Total Equipment Costs: \$ Other Fuel Costs: \$
 Funding Sources: internal Wood Fuel Costs: \$

COMMENTS:
 Satisfied with their system.



Ethan Allen 1 of 6
Grove Street
Boonville, NY 13309
315-942-4471

CONTACT PERSON: M. Johnson TITLE: Plt Mgr # Of Employees: 200
Company Description: Wood Related Industry SIC Code: 2511

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 25.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Sawdust		
Volume (per year):	7,000.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	sawdust, chips, bark	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:	hardwood	
Avg. Moisture Content % (WB):	20	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: sawdust, chips, bark
Volume Used for Energy: 7,000 tons/year
Volume Disposed of: tons/year
Are Wood Wastes Presently Sold for Fuel?
Would the Company like to sell wastes in the future?

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage	silo	
Handling	gravity feed screw	
Screening/Drying	screen	
Combustion	built up boiler	Wickes
Air Emissions	centrifugal	Breslow Fly Ash Sep.
Ash Disposal	recycled onsite	
Cogeneration	none	

OPERATION AND MAINTENANCE

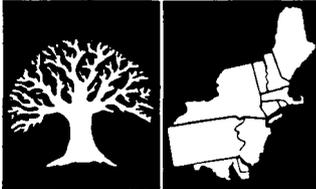
Began Using Wood In: JAN 1 74
Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$

COMMENTS:

Only use #2 oil to heat one small storage shed. Very satisfied with wood energy system.



Ethan Allen 2 of 6
36 Railroad Avenue
Frewsburg, NY 14738
716-569-2965

CONTACT PERSON: Richard L. Smith TITLE:
Company Description: Wood Related Industry

Of Employees: 100
SIC Code: 2511

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 13.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Sawdust		
Volume (per year):	4,000.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	sawdust	sawdust
Cost (per ton):		
Source of Fuel:	on-site	local mills
Hard or Soft Wood:		
Avg. Moisture Content % (WB):	15	8

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: sawdust
Volume Used for Energy: 360 tons/year
Volume Disposed of: 1,600 tons/year
Are Wood Wastes Presently Sold for Fuel? N
Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	tractor trailers	
Storage	silo	
Handling	gravity feed	American Coal
Screening/Drying	none	
Combustion	built up boiler	Titusville Co.
Air Emissions	dry centrifugal	Zurn, Inc.
Ash Disposal	offsite landfill	
Cogeneration	none	

OPERATION AND MAINTENANCE

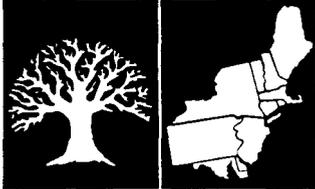
Began Using Wood In: JAN 1 78
Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$

COMMENTS:

Very satisfied with their system.



Fancher Furniture Co.
 100 Rochester Street
 Salamanca, NY 14779
 716-945-5500

CONTACT PERSON: C.L. Erickson TITLE: Pres # Of Employees:
 Company Description: Wood Related Industry SIC Code: 2511

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 6.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Sawdust		
Volume (per year):	600.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	sawdust	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:	hardwood	
Avg. Moisture Content % (WB):	8	

FIRMS THAT PRODUCE WOOD WASTE
 Type of Wood Wastes Produced: sawdust
 Volume Used for Energy: 600 tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel? N
 Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage	silo	custom
Handling	pneumatic feed	
Screening/Drying	none	
Combustion	builtup boiler	Erie City Iron Wks
Air Emissions	none	
Ash Disposal	manual,landfilled	
Cogeneration	none	

OPERATION AND MAINTENANCE

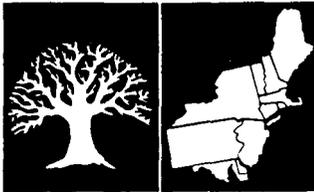
Began Using Wood In: JAN 1 53
 Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$	Other Fuel Costs: \$
Funding Sources:	Wood Fuel Costs: \$

COMMENTS:

Very satisfied with system. Installed new silos last year which allows the company to stockpile wastes during the summer.



Finch Pruyn & Co. 2 of 2
1 Glen Street
Glens Falls, NY 12801
518-793-2541

CONTACT PERSON: Paul Grube TITLE: Plt Mgr # Of Employees:
Company Description: Wood Related Industry SIC Code: 2611

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 210.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#6 Oil	Sawdust	
Volume (per year):	118,000.0 Gallons	170,000.0 Tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	mill residue	
Cost (per ton):		
Source of Fuel:	on site	
Hard or Soft Wood:		
Avg. Moisture Content % (WB):	17	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: mill wastes
Volume Used for Energy: tons/year
Volume Disposed of: tons/year
Are Wood Wastes Presently Sold for Fuel?
Would the Company like to sell wastes in the future?

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	none	
Storage		
Handling	3 gravity fed screw	Zurn Inc.
Screening/Drying		
Combustion	built up boiler	Zurn Inc.
Air Emissions	8 cyclone separators	Venturi scrubber
Ash Disposal	offsite landfill	
Cogeneration		

OPERATION AND MAINTENANCE

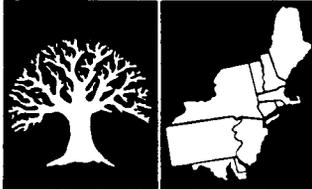
Began Using Wood In: JAN 1 78
Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$

COMMENTS:

Plant burns 170,000 tons of waste per year.



Finch Pruyn & Co. 1 of 2
 1 Glen Street
 Glens Falls, NY 12801
 518-793-2541

CONTACT PERSON: Paul Grube TITLE: Plt Mgr # Of Employees:
 Company Description: Wood Related Industry SIC Code: 2611

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 14.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#6 Oil	Sawdust	
Volume (per year):	1,090.0 Gallons	7,430.0 Tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	bark	
Cost (per ton):		
Source of Fuel:	on site	
Hard or Soft Wood:		
Avg. Moisture Content % (WB):	17	

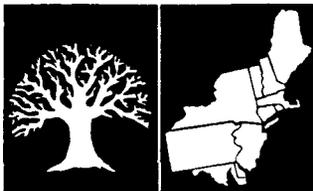
FIRMS THAT PRODUCE WOOD WASTE
 Type of Wood Wastes Produced: bark
 Volume Used for Energy: 7,430 tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel?
 Would the Company like to sell wastes in the future?

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage		
Handling		
Screening/Drying		
Combustion	built up boiler	Zurn Inc.
Air Emissions	cyclone separators 2	Bahco
Ash Disposal	not known	
Cogeneration	none	

OPERATION AND MAINTENANCE
 Began Using Wood In: JAN 1 78
 Portion of Total Operating Time for Downtimes: 0%

COSTS
 Total Equipment Costs: \$ Other Fuel Costs: \$
 Funding Sources: Wood Fuel Costs: \$

COMMENTS:



Frontier Lumber
1941 Elmwood Avenue
Buffalo, NY 14207
716-873-8500

CONTACT PERSON: Ed McDermid TITLE: Treasurer # Of Employees: 75
Company Description: Wood Related Industry SIC Code: 2499

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 4.0 Handfired

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Scrap		
Volume (per year):	243.0 tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	wood scraps	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:		
Avg. Moisture Content % (WB):	8	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: wood scraps
Volume Used for Energy: 243 tons/year
Volume Disposed of: tons/year
Are Wood Wastes Presently Sold for Fuel? N
Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage	outside pile	
Handling	hand fired	
Screening/Drying	none	
Combustion	pkg boiler	Pacific Steel
Air Emissions	none	
Ash Disposal	none	
Cogeneration	none	

OPERATION AND MAINTENANCE

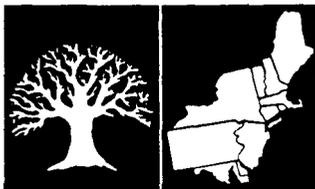
Began Using Wood In: JAN 1 40
Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$

COMMENTS:

Wood boiler is used to burn scraps and is not a primary heating source. Allows company to avoid waste disposal costs.



Gold Medal Ladder
Rewey Avenue Box 97
Newark Valley, NY 13811
607-642-3231

CONTACT PERSON: John Daly TITLE: Manager # Of Employees:
Company Description: Wood Related Industry SIC Code: 2499

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 2.6 Handfired

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Sawdust		
Volume (per year):	192.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	sawdust,scraps	
Cost (per ton):		
Source of Fuel:	onsite	
Hard or Soft Wood:	soft	
Avg. Moisture Content % (WB):	8	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: sawdust,scraps
Volume Used for Energy: 192 tons/year
Volume Disposed of: tons/year
Are Wood Wastes Presently Sold for Fuel? N
Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage	pneumatically fed	
Handling	handfired	
Screening/Drying	none	
Combustion	HRT boiler	Dillon
Air Emissions	none	
Ash Disposal	none	
Cogeneration	none	

OPERATION AND MAINTENANCE

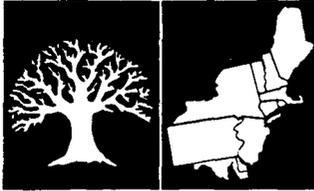
Began Using Wood In: JAN 1 00
Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$

COMMENTS:

Sawdust pneumatically fed to boiler. Very satisfied with the system.



Gowanda Psych. Center
Taylor Hollow Rd
Helmuth, NY 14079
716-532-3311

CONTACT PERSON: Marvin Snyder TITLE: Eng # Of Employees:
Company Description: Hospital/Health Care SIC Code: 8063

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 30.0 Handfired
Steam 30,000 pounds/hr at psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Chips		
Volume (per year):	30,000.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	chips	
Cost (per ton):	20.50	
Source of Fuel:	mills	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):	38	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	self-unload trucks	various
Storage	concrete silo	Madison
Handling	screw augers	Cross Bros
Screening/Drying	none	
Combustion	suspension boiler	Industrial Boiler
Air Emissions	cyclone	Zurn
Ash Disposal	rotary	Ohio & Browning
Cogeneration	none	

OPERATION AND MAINTENANCE

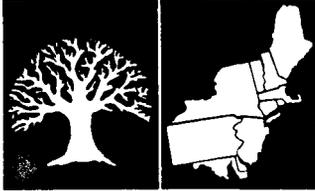
Began Using Wood In:
Portion of Total Operating Time for Downtimes: 30%

COSTS

Total Equipment Costs: \$1,000,000	Other Fuel Costs: \$
Funding Sources: NY State	Wood Fuel Costs: \$615,000.00

COMMENTS:

Stopped burning wood in 1987 because of chip handling and storage problems and the cost of wood compared to coal. Will convert wood boiler to natural gas and will burn coal.



Gunlocke Company 1 of 2
 1 Gunlocke Drive
 Wayland, NY 14572
 716-728-5111

CONTACT PERSON: Joe Rawleigh TITLE: Superv. # Of Employees: 900
 Company Description: Wood Related Industry SIC Code: 2521

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 21.0
 Steam 21,000 pounds/hr at 125 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#2 Oil	Sawdust	Residue
Volume (per year):	200,000.0 Gallons	1,692.0 Tons	4,500.0 tons

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	mill residues	sawdust
Cost (per ton):		11.00
Source of Fuel:	on-site	purchased
Hard or Soft Wood:	hardwood	hardwood
Avg. Moisture Content % (WB):	8	15

FIRMS THAT PRODUCE WOOD WASTE
 Type of Wood Wastes Produced: mill residue, sawdust
 Volume Used for Energy: 4,500 tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel? N
 Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	onsite supply	
Storage	2 wood bins	custom
Handling	ground & pulverized	
Screening/Drying	pneumatic feed	
Combustion	water tube boiler	E. Keeler Co.
Air Emissions	fly ash collector	Zurn
Ash Disposal	offsite disposal	
Cogeneration	none	

OPERATION AND MAINTENANCE

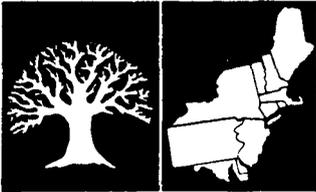
Began Using Wood In: JAN 1 75
 Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$	Other Fuel Costs: \$150,000.00
Funding Sources:	Wood Fuel Costs: \$18,800.00

COMMENTS:

A second boiler rated at 20.7 million Btu
 burns # 2 oil. Company burns as much hogged fuel as is produced. Pay
 \$30,000 a year to dispose of pallets not processed on site.



Harden Furniture 1 of 2
 Mill Pond Way
 McConnellsville, NY 13401
 315-245-1000

CONTACT PERSON: G.W. Babcock TITLE: Exec. VP # Of Employees: 650
 Company Description: Wood Related Industry SIC Code: 2511

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 25.0
 Steam 25,000 pounds/hr at 250 psig

COGENERATION
 Electricity Produced On-Site: 3,000,000 KWH/year
 Amount of Power Sold: 3,000,000 KWH/year
 Power Sold to: Niagara Mohawk
 Price of Power Sold 0.06 \$/KWH
 FUEL USE FUEL #1 FUEL #2 FUEL #3
 Fuel Type: Sawdust
 Volume (per year): 12,000.0 tons

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	sawdust, scrap	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:	hardwood	
Avg. Moisture Content % (WB):	35	

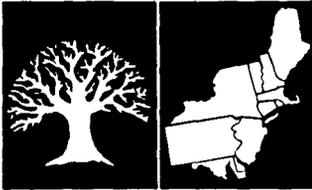
FIRMS THAT PRODUCE WOOD WASTE
 Type of Wood Wastes Produced: bark slabs dust
 Volume Used for Energy: 117,500 tons/year
 Volume Disposed of: 12,000 tons/year
 Are Wood Wastes Presently Sold for Fuel? Y
 Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage	silos	Mast-Lepley
Handling	screws & pneumatic	Industrial Boiler
Screening/Drying	none	
Combustion	fire tube boiler	Industrial Boiler
Air Emissions	centrifugal	Industrial Boiler
Ash Disposal	landfill	
Cogeneration	turbine generator	Westinghouse

OPERATION AND MAINTENANCE
 Began Using Wood In: JAN 1 78
 Portion of Total Operating Time for Downtimes: 5%

COSTS
 Total Equipment Costs: \$1,210,000 Other Fuel Costs: \$631,000.00
 Funding Sources: internal Wood Fuel Costs: \$

COMMENTS:
 Not a good market for wood waste here; we do
 save by developing our thermal energy requirements; electr. gener.
 provides a market for waste, but economics are questionable.



Harden Furniture 2 of 2
Mill Pond Way
McConnellsville, NY 13401
315-245-1000

CONTACT PERSON: G.W. Babcock TITLE: Exec. VP # Of Employees: 650
Company Description: Wood Related Industry SIC Code: 2511

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 15.0
Steam 15,000 pounds/hr at 110 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Sawdust		
Volume (per year):	5,000.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	sawdust, scrap	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:	hardwood	
Avg. Moisture Content % (WB):	35	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: sawdust, scrap
Volume Used for Energy: 5,000 tons/year
Volume Disposed of: 5,500 tons/year
Are Wood Wastes Presently Sold for Fuel? Y
Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage	silos	Mast-Lepley
Handling	augers, pneumatic	Industrial Boiler
Screening/Drying	none	
Combustion	fire tube boiler	Industrial Boiler
Air Emissions	centrifugal	Industrial Boiler
Ash Disposal	landfilled	
Cogeneration	turbine generator	Westinghouse

OPERATION AND MAINTENANCE

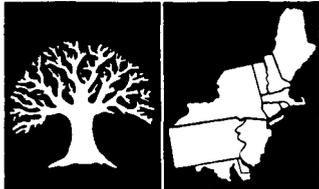
Began Using Wood In: JAN 1 78
Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$1,210,000 Other Fuel Costs: \$
Funding Sources: internal Wood Fuel Costs: \$

COMMENTS:

Did have start-up and fuel handling problems.
Cogeneration only pays if all waste heat can be utilized.



Howland Bros Co. Inc.
 PO Box 166
 Berkshire, NY 13736
 607-657-2511

CONTACT PERSON: Gary Schonbeck TITLE: Owner # Of Employees: 68
 Company Description: Wood Related Industry SIC Code: 25

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 3.2
 Steam 3,200 pounds/hr at psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:			
Volume (per year):			
WOODFUEL USE	WOODFUEL #1		WOODFUEL #2
Fuel Type:	chunkwood		sawdust
Cost (per ton):			
Source of Fuel:	on-site		on-site
Hard or Soft Wood:	hardwood		hardwood
Avg. Moisture Content % (WB):	35		15

FIRMS THAT PRODUCE WOOD WASTE
 Type of Wood Wastes Produced: sawdust, bark, slabs
 Volume Used for Energy: tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel? N
 Would the Company like to sell wastes in the future? N

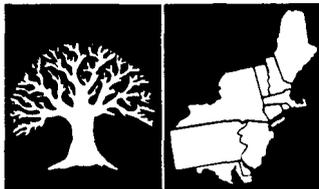
EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage	dust bin	
Handling	pneumatic feed	
Screening/Drying	none	
Combustion	boiler	Keeler (1914)
Air Emissions	none	
Ash Disposal	manual	
Cogeneration	none	

OPERATION AND MAINTENANCE
 Began Using Wood In: JAN 1 25
 Portion of Total Operating Time for Downtimes: 5%

COSTS
 Total Equipment Costs: \$ Other Fuel Costs: \$
 Funding Sources: Wood Fuel Costs: \$

COMMENTS:

More specific information on wood use not available.



International Paper Co. 4 of 4
 Shore Airport Dr.
 Ticonderoga, NY 12883
 518-585-6761

CONTACT PERSON: Colby Fahey TITLE: Plt Engr # Of Employees:
 Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 600.0
 Steam 600,000 pounds/hr at psig

COGENERATION

Electricity Produced On-Site: 30,000,000 KWH/year
 Amount of Power Sold: KWH/year

Power Sold to:

Price of Power Sold \$/KWH

FUEL USE	FUEL #1	FUEL #2	FUEL #3
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Fuel Type: Chips

Volume (per year): 105,000.0 Tons

WOODFUEL USE

	WOODFUEL #1	WOODFUEL #2
Fuel Type:	bark	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:	softwood	
Avg. Moisture Content % (WB):	55	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: bark
 Volume Used for Energy: 100,000 tons/year
 Volume Disposed of: 100,000 tons/year
 Are Wood Wastes Presently Sold for Fuel? N
 Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage	outside	
Handling	pneumatic feed	
Screening/Drying	hammermill hog	
Combustion	2 boilers	
Air Emissions	cyclone separator	
Ash Disposal	company landfill	
Cogeneration	30MW	

OPERATION AND MAINTENANCE

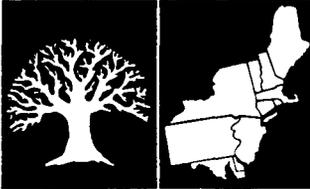
Began Using Wood In: JAN 1 70
 Portion of Total Operating Time for Downtimes: 10%

COSTS

Total Equipment Costs: \$	Other Fuel Costs: \$
Funding Sources: internal	Wood Fuel Costs: \$

COMMENTS:

Two wood-fired boilers, one 350 and one 250 MM BTU/hr. No problems out of the ordinary.



Jamestown Plywood 1 of 2
 34 Steele Street
 Jamestown, NY 14701
 716-488-1984

CONTACT PERSON: Gary Bestchum TITLE: Pres # Of Employees:
 Company Description: Wood Related Industry SIC Code: 2432

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 8.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Natural Gas	Sawdust	
Volume (per year):	400,000.0 CCF	1,000.0 Tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	sawdust	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):	15	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: sawdust, residue
 Volume Used for Energy: 1,000 tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel?
 Would the Company like to sell wastes in the future?

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage		
Handling	gravity feed screw	Todd Co.
Screening/Drying		
Combustion	package boiler	Titusville Co.
Air Emissions	none	
Ash Disposal	none	
Cogeneration	none	

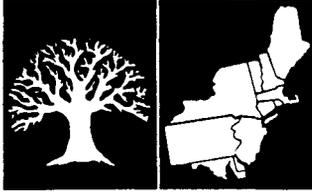
OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 70
 Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$	Other Fuel Costs: \$
Funding Sources:	Wood Fuel Costs: \$

COMMENTS:



Jamestown Plywood 2 of 2
34 Steele Street
Jamestown, NY 14701
716-488-1984

CONTACT PERSON: Andrew Jochum TITLE: # Of Employees:
Company Description: Wood Related Industry SIC Code: 2432

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 8.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Natural Gas	Sawdust	
Volume (per year):	400,000.0 CCF	1,000.0 Tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	mill residues	
Cost (per ton):		
Source of Fuel:	onsite	
Hard or Soft Wood:		
Avg. Moisture Content % (WB):	15	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery		
Storage		
Handling	gravity feed screw	Todd Co.
Screening/Drying		
Combustion	pkg boiler	Titusville Co.
Air Emissions	none	
Ash Disposal	none	
Cogeneration	none	

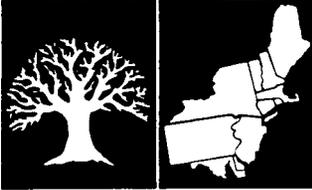
OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 70
Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$

COMMENTS:



Jamestown Sterling
P.O. Box 610
Jamestown, NY 14702
716-665-6115

CONTACT PERSON: Robert Bergguist TITLE: Purch # Of Employees:
Company Description: Non-Wood Related Industry SIC Code: 2511

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 9.0
Steam 13,800 pounds/hr at psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Sawdust	Natural Gas	
Volume (per year):	1,207.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	mill residues	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:		
Avg. Moisture Content % (WB):	15	

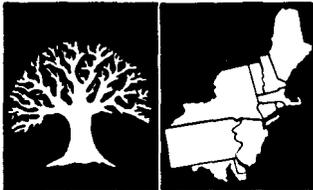
FIRMS THAT PRODUCE WOOD WASTE
Type of Wood Wastes Produced: hardwood chunks
Volume Used for Energy: 1,207 tons/year
Volume Disposed of: tons/year
Are Wood Wastes Presently Sold for Fuel? Y
Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage		
Handling	screw augers	Jamestown Boiler
Screening/Drying	Fuel hog	
Combustion	pkg boiler	Keeler Co
Air Emissions	Return air system	
Ash Disposal	off site landfill	
Cogeneration	none	

OPERATION AND MAINTENANCE
Began Using Wood In: JAN 1 75
Portion of Total Operating Time for Downtimes: 0%

COSTS
Total Equipment Costs: \$ Other Fuel Costs: \$1,000.00
Funding Sources: Wood Fuel Costs: \$

COMMENTS:
Considering power generation. Needs markets for summertime wood wastes.



Joseph C. Klein, Inc.
Rotterdam Industrial
Schenectady, NY 12306

CONTACT PERSON: George Elderd
Company Description: Misc.

TITLE:

Of Employees:
SIC Code: 2490

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 11.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Sawdust		
Volume (per year):	500.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	mill residue	
Cost (per ton):		
Source of Fuel:	on site	
Hard or Soft Wood:		
Avg. Moisture Content % (WB):	12	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery		
Storage		
Handling	pneumatic feed	FYR feeder
Screening/Drying		
Combustion	package boiler	Fitzgibbons
Air Emissions	centrifugal cyclone	Zurn
Ash Disposal	offsite landfill	
Cogeneration		

OPERATION AND MAINTENANCE

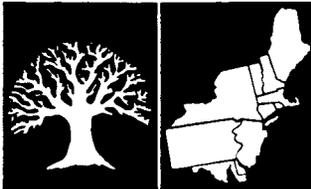
Began Using Wood In:
Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$
Funding Sources:

Other Fuel Costs: \$
Wood Fuel Costs: \$

COMMENTS:



KSI Building Products
MacArthur Avenue
Cobleskill, NY 12043
518-234-2561

CONTACT PERSON: Robert Beach TITLE: Engr # Of Employees: 129
Company Description: Wood Related Industry SIC Code: 224*

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 5.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Sawdust	#4 oil	
Volume (per year):	1,030.0 Tons	6,000.0 gallons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	sawdust	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:		
Avg. Moisture Content % (WB):	12	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: sawdust, residue
Volume Used for Energy: 1,030 tons/year
Volume Disposed of: tons/year
Are Wood Wastes Presently Sold for Fuel?
Would the Company like to sell wastes in the future?

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage		
Handling	pneumatic feed	custom
Screening/Drying		
Combustion	built up boiler	Erie City Boiler
Air Emissions	none	
Ash Disposal	none	
Cogeneration	none	

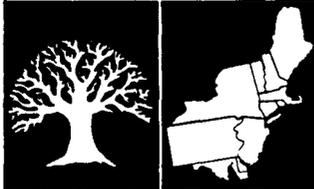
OPERATION AND MAINTENANCE

Began Using Wood In:
Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$

COMMENTS:



Kittinger Company
 1893 Elmwood Avenue
 Buffalo, NY 14207
 716-876-1000

CONTACT PERSON: Mike Kreppel

TITLE: Engr

Of Employees: 260

Company Description: Wood Related Industry

SIC Code: 2511

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 5.2

Steam 5,175 pounds/hr at 85 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Coal	Sawdust	Nat. Gas
Volume (per year):	250.0 Tons	300.0 Tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	sawdust	wood scrap
Cost (per ton):		
Source of Fuel:	on-site	on-site
Hard or Soft Wood:	hardwood	hardwood
Avg. Moisture Content % (WB):	4	4

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: sawdust, scrap

Volume Used for Energy: 250 tons/year

Volume Disposed of: tons/year

Are Wood Wastes Presently Sold for Fuel? N

Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage	none	
Handling	screw auger	Auburn Co
Screening/Drying	fuel hog	
Combustion	HRT boiler	Keeler
Air Emissions	none	
Ash Disposal	minimal	
Cogeneration	none	

OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 00

Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$

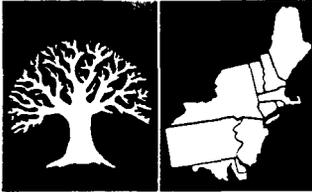
Other Fuel Costs: \$

Funding Sources:

Wood Fuel Costs: \$

COMMENTS:

Very satisfied with the system. Have burned wood since 1880. All wood is kiln-dried. Sawdust is automatically fed while scrap is hand-fed.



L. & J.G. Stickley, Inc.
 P.O. Box 480
 Manlius, NY 13104
 315-682-5500

CONTACT PERSON: James Rider TITLE: Engr # Of Employees: 125
 Company Description: Wood Related Industry SIC Code: 2511

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 5.7
 Steam 5,700 pounds/hr at 8 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Natural Gas	Sawdust	
Volume (per year):		300.0 tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	sawdust	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:	hardwood	
Avg. Moisture Content % (WB):	8	

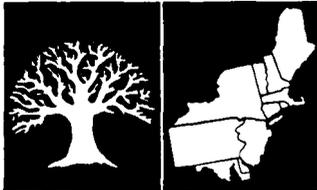
FIRMS THAT PRODUCE WOOD WASTE
 Type of Wood Wastes Produced: hardwood sawdust
 Volume Used for Energy: 300 tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel? N
 Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage	silo	
Handling	gravity feed screw	Northfab Underfeed
Screening/Drying	wood waste grinder	Kewanee Co.
Combustion	pkg boiler	Northfab Co.
Air Emissions	centrifugal	Kewanee Co
Ash Disposal	offsite landfill	
Cogeneration	none	

OPERATION AND MAINTENANCE
 Began Using Wood In: JAN 1 85
 Portion of Total Operating Time for Downtimes: 5%

COSTS
 Total Equipment Costs: \$ Other Fuel Costs: \$12,000.00
 Funding Sources: internal Wood Fuel Costs: \$

COMMENTS:
 Very satisfied with system- trouble-free.



Lewis Mill
Main Street
Beaver Falls, NY 13305
315-346-1111

CONTACT PERSON: David Miller TITLE: Engr # Of Employees:
Company Description: Wood Related Industry SIC Code: 2621

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 46.9

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Coal	Sawdust	
Volume (per year):	8,878.0 Tons	1,080.0 Tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	hogged bark	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:		
Avg. Moisture Content % (WB):	15	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: bark
Volume Used for Energy: 1,080 tons/year
Volume Disposed of: 1,080 tons/year
Are Wood Wastes Presently Sold for Fuel? N
Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage		
Handling	spreader-stoker	Detroit Roto Stoker
Screening/Drying	fuel hog	
Combustion	HRT boiler	Babcock & Wilcox
Air Emissions	centrifugal	Western Precipitator
Ash Disposal	offsite landfill	
Cogeneration	yes	

OPERATION AND MAINTENANCE

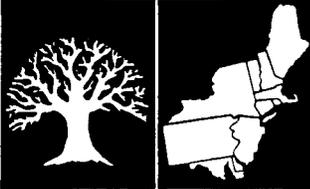
Began Using Wood In:
Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$

COMMENTS:

The company no longer burns wood.



Library Bureau Division
801 Park Avenue
Herkimer, NY 13350
315-866-1330

CONTACT PERSON: Bryan King TITLE: VP # Of Employees: 132
Company Description: Wood Related Industry SIC Code: 2531

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 20.7
Steam 20,700 pounds/hr at 75 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Sawdust	#2 Oil	
Volume (per year):			

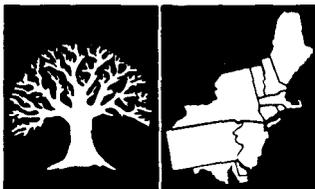
WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	sawdust	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):	12	

FIRMS THAT PRODUCE WOOD WASTE
Type of Wood Wastes Produced: sawdust
Volume Used for Energy: tons/year
Volume Disposed of: tons/year
Are Wood Wastes Presently Sold for Fuel? Y
Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage	dust bin	
Handling	screw auger	
Screening/Drying	fuel hog	
Combustion	water tube boiler	
Air Emissions	none	
Ash Disposal	none	
Cogeneration	none	

OPERATION AND MAINTENANCE
Began Using Wood In:
Portion of Total Operating Time for Downtimes: 10%
COSTS
Total Equipment Costs: \$ Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$

COMMENTS:
Very satisfied with the system. This
business manufactures furniture.



Lyons Falls Pulp
 Center Street
 Lyons Falls, NY 13368
 315-348-8411

CONTACT PERSON: Gerald Fruin TITLE: Supr # Of Employees: 300
 Company Description: Wood Related Industry SIC Code: 2621

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 120.0
 Steam 120,000 pounds/hr at 400 psig

COGENERATION Capacity 18.0 Megawatts
 Electricity Produced On-Site: KWH/year
 Amount of Power Sold: KWH/year
 Power Sold to:

Price of Power Sold	\$/KWH		
FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#6 Oil	Residue	
Volume (per year):	6,240.0 Gallons	180,000.0 tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	sawdust, bark	tree chips
Cost (per ton):		
Source of Fuel:	on- site	loggers, brokers
Hard or Soft Wood:	softwood	mixed
Avg. Moisture Content % (WB):	15	45

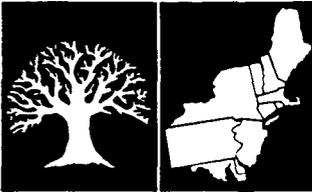
FIRMS THAT PRODUCE WOOD WASTE
 Type of Wood Wastes Produced: sawdust, bark, scrap
 Volume Used for Energy: tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel? N
 Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on- site	
Storage	outdoor pile	
Handling	screw conveyor	Coen Mfg Co
Screening/Drying	flue gas dryer	Rader
Combustion	built- up boiler	Riley Stoker Corp.
Air Emissions	centrifugal	Fischer-Klosterman
Ash Disposal	on site landfill	
Cogeneration	2 turbines	G.E./Westinghouse

OPERATION AND MAINTENANCE
 Began Using Wood In: JAN 1 80
 Portion of Total Operating Time for Downtimes: 5%

COSTS
 Total Equipment Costs: \$ Other Fuel Costs: \$
 Funding Sources: Wood Fuel Costs: \$

COMMENTS:
 Company generates 18 million kw hrs per year from steam turbine; all is used on site. They do sell power from their hydropower system.



Margaretville Mem. Hosp.
 Rt 28
 Margaretville, NY 12455
 914-586-2631

CONTACT PERSON: Ronald Williams TITLE: Mgr # Of Employees:
 Company Description: Hospital/Health Care SIC Code: 8061

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 4.0 Handfired

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Sawdust	Oil	
Volume (per year):	1,300.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	sawdust	
Cost (per ton):	12.00	
Source of Fuel:	lumber company	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):	10	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	tractor trailer	
Storage		
Handling	screw conveyor	Amer Fyr-Feeder
Screening/Drying		
Combustion	gasification retroft	Cleaver-Brooks
Air Emissions	none	
Ash Disposal	none	
Cogeneration	none	

OPERATION AND MAINTENANCE

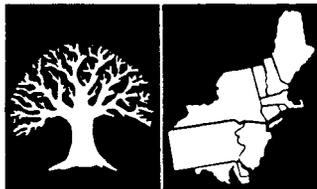
Began Using Wood In: JAN 1 80
 Portion of Total Operating Time for Downtimes: 95%

COSTS

Total Equipment Costs: \$300,000	Other Fuel Costs: \$
Funding Sources:	Wood Fuel Costs: \$

COMMENTS:

Company has stopped burning wood, due to problems with gasification retrofit of boiler. Mr. Williams is willing to share information with others. Matter is in litigation.



Marsellus Casket Co.
101 Richmond Avenue
Syracuse, NY 13204
315-422-2306

CONTACT PERSON: Web Bartz TITLE: Mgr
Company Description: Wood Related Industry

Of Employees: 190
SIC Code: 3272

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 6.0
Steam 6,000 pounds/hr at psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Sawdust	Natural Gas	
Volume (per year):	2,160.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	sawdust	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):	15	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: hardwood scraps,dust
Volume Used for Energy: 2,160 tons/year
Volume Disposed of: tons/year
Are Wood Wastes Presently Sold for Fuel? Y
Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage	silo	
Handling	gravity feed	
Screening/Drying	fuel hog	
Combustion	retrofitted boiler	
Air Emissions	cyclones	
Ash Disposal	none	
Cogeneration	none	

OPERATION AND MAINTENANCE

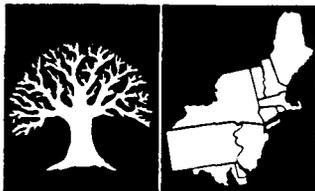
Began Using Wood In: JAN 1 50
Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$

COMMENTS:

Natural gas is the backup fuel and used during peak loads. Separate boiler for natural gas.



Mt. McGregor Corr. Facil.
 Mt. McGregor
 Wilton, NY 12268
 518-587-3960

CONTACT PERSON: Joe Kennedy TITLE: Super. # Of Employees:
 Company Description: Public Facility SIC Code: 8069

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 37.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#6 Oil	Chips	
Volume (per year):	463,300.0 Gallons	9,713.0 Tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	whole tree chips	whole tree chips
Cost (per ton):		18.00
Source of Fuel:	on site	local suppliers
Hard or Soft Wood:		
Avg. Moisture Content % (WB):	45	45

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	tractor trailers	
Storage	storage hopper	
Handling	pneumatic feed	Thermal Processes
Screening/Drying	none	
Combustion	fluidized bed	Thermal Processes
Air Emissions	centrif. separator	Zurn Air Systems
Ash Disposal	onsite landfill	
Cogeneration	none	

OPERATION AND MAINTENANCE

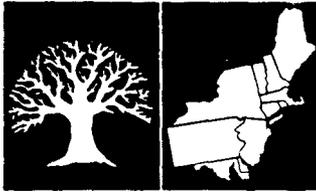
Began Using Wood In: JAN 1 85
 Portion of Total Operating Time for Downtimes: 20%

COSTS

Total Equipment Costs: \$	Other Fuel Costs: \$222,384.00
Funding Sources: state fnds	Wood Fuel Costs: \$

COMMENTS:

Some freeze-ups in woodfuel storage &
 handling system which is not totally protected from the weather.
 Residents harvest some fuel from state-owned forest lands.



N. Hudson Woodcraft Corp.

Dolgeville, NY 13309
315-429-3105

CONTACT PERSON: Jeff Slifka TITLE: Gen Mgr # Of Employees: 52
Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 5.2
Steam 5,175 pounds/hr at 10 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Mill Wastes	#4 Oil	
Volume (per year):	520.0 Tons	70,000.0 Gallons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	sawdust, edgings	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):	30	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: chunk, edgings
Volume Used for Energy: 520 tons/year
Volume Disposed of: tons/year
Are Wood Wastes Presently Sold for Fuel? N
Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage	silo	
Handling	blower system	
Screening/Drying	none	
Combustion	boiler	
Air Emissions	cyclones	
Ash Disposal	local landowners	
Cogeneration	none	

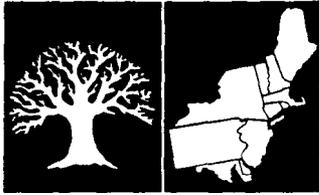
OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 20
Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$35,000.00
Funding Sources: Wood Fuel Costs: \$

COMMENTS:



Odessa Montour Central
College Avenue
Odessa, NY 14869
607-594-3341

CONTACT PERSON: Robert Van Galder TITLE: Bldg Sup # Of Employees:
Company Description: School/College/Univ. SIC Code: 8211

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 5.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#2 Oil	Chips	
Volume (per year):	13,162.0 Gallons	527.0 tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	wood chips	
Cost (per ton):	23.00	
Source of Fuel:	brokers	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):	45	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	tractor trailer	
Storage		
Handling	pneumatic	Industrial Boiler
Screening/Drying	none	
Combustion	multi fuel boiler	Industrial Boiler
Air Emissions	centrifugal	Zurn, Inc.
Ash Disposal	offsite landfill	
Cogeneration	none	

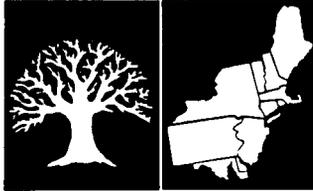
OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 81
Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$10,661.00
Funding Sources: Wood Fuel Costs: \$12,121.00

COMMENTS:



Proctor & Gamble
 40 Western Avenue
 Staten Island, NY 10303
 718-816-2000

CONTACT PERSON: Tom Molloy TITLE: Eng Coord # Of Employees: 1000
 Company Description: Non-Wood Related Industry SIC Code: 2841

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 240.0
 Steam 240,000 pounds/hr at 900 psig

COGENERATION Capacity 20.0 Megawatts
 Electricity Produced On-Site: KWH/year
 Amount of Power Sold: KWH/year
 Power Sold to:

Price of Power Sold \$/KWH

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Chips	Sawdust	demo deb
Volume (per year):	120.0 tons/hr	20,000.0 Tons	140,000.0 tons

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	demo debris	wood chips
Cost (per ton):	10.00	10.00
Source of Fuel:	waste haulers	brokers, chippers
Hard or Soft Wood:	mixed	mixed
Avg. Moisture Content % (WB):	30	45

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	50 trucks/day	
Storage	storage pile	
Handling	pneum feed	
Screening/Drying	screen, crusher	
Combustion	spreader stoker	Combustion Engin.
Air Emissions	cyclone, scrubber	
Ash Disposal	offsite landfill	
Cogeneration	Back pressure turbin	

OPERATION AND MAINTENANCE

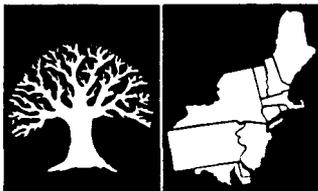
Began Using Wood In: JAN 1 83
 Portion of Total Operating Time for Downtimes: 10%

COSTS

Total Equipment Costs: \$	Other Fuel Costs: \$
Funding Sources: internal	Wood Fuel Costs: \$820,000.00

COMMENTS:

Wood has replaced 8.4 millions gals of oil per year. O & M costs are five times what was anticipated, but waste wood fuel costs are declining as landfill costs escalate.



Pulaski Wood Co., Inc.
 School Street
 Smyrna, NY 13464
 607-627-6547

CONTACT PERSON: Joseph C. Martin TITLE: Mgr
 Company Description: Wood Related Industry

Of Employees:
 SIC Code: 2439

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 10.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Sawdust		
Volume (per year):	6,500.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	mill residue	
Cost (per ton):		
Source of Fuel:	lumbermill	
Hard or Soft Wood:		
Avg. Moisture Content % (WB):	15	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage		
Handling	pneumatic feed bl.	Rogers Wood Stoker
Screening/Drying		
Combustion	built up boiler	Combustion Engin.
Air Emissions	settling chamber	custom made
Ash Disposal		
Cogeneration	none	

OPERATION AND MAINTENANCE

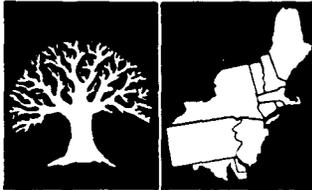
Began Using Wood In: JAN 1 77
 Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$	Other Fuel Costs: \$
Funding Sources:	Wood Fuel Costs: \$

COMMENTS:

They no longer burn wood



Randolph Dimension Corp.
208-218 Main Street
Randolph, NY 14772
716-358-6901

CONTACT PERSON: L C Peterson TITLE: Pres. # Of Employees:
Company Description: Wood Related Industry SIC Code: 2426

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 2.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Sawdust	Bark	
Volume (per year):	890.0 Tons	2,160.0 tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	saw dust	bark
Cost (per ton):		2.91
Source of Fuel:	on-site	sawmills
Hard or Soft Wood:		
Avg. Moisture Content % (WB):	15	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: sawdust
Volume Used for Energy: tons/year
Volume Disposed of: tons/year
Are Wood Wastes Presently Sold for Fuel? N
Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site/trucks	
Storage		
Handling	handfired	
Screening/Drying		
Combustion	HRT boiler	McEwen Bros.
Air Emissions	none	
Ash Disposal	none	
Cogeneration	none	

OPERATION AND MAINTENANCE

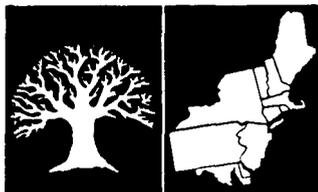
Began Using Wood In: JAN 1 65
Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$6,286.00

COMMENTS:

Energy used for space heat and wood drying.



Remington Arms Co. 1 of 2
 14 Hoefler Avenue
 Ilion, NY 13305
 315-894-9961

CONTACT PERSON: George Jackson TITLE: # Of Employees: 1100
 Company Description: Wood Related Industry SIC Code: 3484

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 43.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#6 Oil	Natural Gas	Sawdust
Volume (per year):	310,947.0 Gallons	358,326.0 CCF	734.0 Tons

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	mill residues	
Cost (per ton):		
Source of Fuel:	on site	
Hard or Soft Wood:		
Avg. Moisture Content % (WB):	12	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	none	
Storage		
Handling	pneum feed blower	Coen Co.
Screening/Drying		
Combustion	package boiler	Combustion Eng.
Air Emissions	settling chamber	Combustion Eng.
Ash Disposal	offsite landfill	
Cogeneration	none	

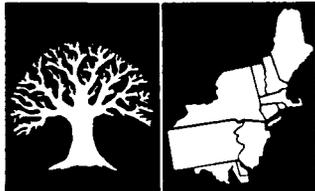
OPERATION AND MAINTENANCE

Began Using Wood In:
 Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$	Other Fuel Costs: \$
Funding Sources:	Wood Fuel Costs: \$

COMMENTS:



Remington Arms Co. 2 of 2
 14 Hoefler Avenue
 Ilion, NY 13305
 315-894-9961

CONTACT PERSON: T.W. Jackson TITLE: # Of Employees: 1100
 Company Description: Wood Related Industry SIC Code: 3484

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 37.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#6 Oil	Natural Gas	Sawdust
Volume (per year):	266,526.0 Gallons	307,137.0 CCF	6,292.0 Tons

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	mill residues	
Cost (per ton):		
Source of Fuel:	on site	
Hard or Soft Wood:		
Avg. Moisture Content % (WB):	12	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	none	
Storage		
Handling		
Screening/Drying	pneum feed blower	Coen Co.
Combustion	package boiler	Combustion Eng.
Air Emissions	settling chamber	Combustion Eng.
Ash Disposal	offsite landfill	
Cogeneration	none	

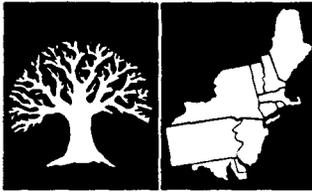
OPERATION AND MAINTENANCE

Began Using Wood In:
 Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$
 Funding Sources: Wood Fuel Costs: \$

COMMENTS:



Reynolds Metal Company
 Box 500
 Massena, NY 13662
 315-764-6225

CONTACT PERSON: Fred H. Swafford TITLE: Plt Engineer # Of Employees: 700
 Company Description: Non-Wood Related Industry SIC Code: 3341

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 40.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Wood Chips	Natural Gas	Oil
Volume (per year):	30,000.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	Wood Chips	
Cost (per ton):		
Source of Fuel:	Broker	
Hard or Soft Wood:	Mixed	
Avg. Moisture Content % (WB):	40	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	Truck	
Storage	Silos	
Handling	Bucket Elevator	
Screening/Drying		
Combustion	HRT Firetube	Industrial Boiler Co
Air Emissions	Multi cyclone	
Ash Disposal	onsite landfill	
Cogeneration	none	

OPERATION AND MAINTENANCE

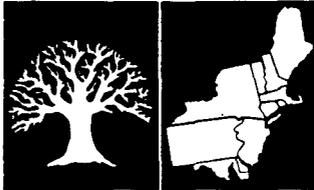
Began Using Wood In: JAN 1 86
 Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$1,600,000	Other Fuel Costs: \$
Funding Sources: Internal	Wood Fuel Costs: \$

COMMENTS:

The savings achieved by burning wood was \$177,000 in 1987. The company is very satisfied with their wood boiler.



SUNY- Binghamton 1 of 2

Binghamton, NY 13901
518-777-2000

CONTACT PERSON: Eugene A. Gilliland TITLE: Plt Dir # Of Employees:
Company Description: School/College/Univ.

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 50.0 Handfired

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Coal	Chips	
Volume (per year):	3,250.0 Tons	8,130.0 Tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	wood chips	
Cost (per ton):		
Source of Fuel:	whole tree chipper	
Hard or Soft Wood:		
Avg. Moisture Content % (WB):	45	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery		
Storage		
Handling	pneum feed blower	
Screening/Drying		
Combustion	built up boiler	Int. Boiler Works
Air Emissions	settling chamber	Aerotic Industries
Ash Disposal	sold to disp company	
Cogeneration		

OPERATION AND MAINTENANCE

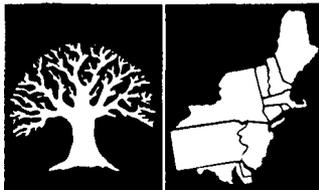
Began Using Wood In: JAN 1 82
Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$

COMMENTS:

They no longer burn wood.



SUNY- Binghamton 2 of 2
 Vestal Pkway East
 Binghamton, NY 13901
 607-777-2335

CONTACT PERSON: Richard Rezucha TITLE: Engineer # Of Employees: 18
 Company Description: School/College/Univ.

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 50.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Coal		
Volume (per year):	16,000.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	wood chips	sawdust
Cost (per ton):	18.00	14.00
Source of Fuel:	loggers	local mills
Hard or Soft Wood:	mixed	mixed
Avg. Moisture Content % (WB):	35	20

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	tractor trailer	
Storage	silo	Mast Lipley
Handling	barn cleaners, augurs	Patzand
Screening/Drying	classifier	Radar
Combustion		
Air Emissions		
Ash Disposal	with coal ash	
Cogeneration	none	

OPERATION AND MAINTENANCE

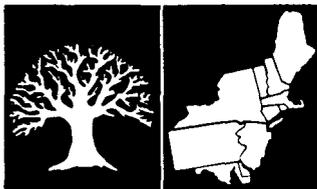
Began Using Wood In:
 Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$1,000,000	Other Fuel Costs: \$80,400.00
Funding Sources: Fed & state	Wood Fuel Costs: \$

COMMENTS:

Stopped burning wood in 1986 because coal was cheaper.



St. Bonaventure Univ.
 Buildings & Grounds
 Allegany, NY 14778
 716-375-2000

CONTACT PERSON: Len J. Fagan TITLE: # Of Employees:
 Company Description: School/College/Univ. SIC Code: 1796

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 25.0 Handfired

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Chips		
Volume (per year):	102,330.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	whole tree chips	
Cost (per ton):		
Source of Fuel:	brokers	
Hard or Soft Wood:		
Avg. Moisture Content % (WB):	45	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	tractor trailer	
Storage		
Handling	pneumatic blower	Bethlehem Corp
Screening/Drying		
Combustion	wood boiler	Bethlehem Corp
Air Emissions	dry centrifugal	Bethlehem Corp
Ash Disposal	offsite landfill	
Cogeneration	none	

OPERATION AND MAINTENANCE

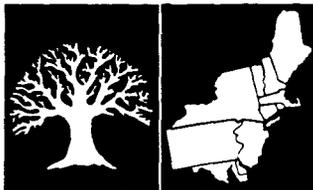
Began Using Wood In: JAN 1 84
 Portion of Total Operating Time for Downtimes: 40%

COSTS

Total Equipment Costs: \$	Other Fuel Costs: \$
Funding Sources: third party	Wood Fuel Costs: \$

COMMENTS:

Wood plant never became fully operational.
 Beginning in 1986, the university was not using any wood fuel.



Stakmore Co., Inc.
 Elm St.
 Oswego, NY 13827
 607-687-1616

CONTACT PERSON: Doug Sherman TITLE: Plt Mgr # Of Employees:
 Company Description: Wood Related Industry SIC Code: 2511

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 5.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#2 Oil	Sawdust	
Volume (per year):	3,222.0 Gallons	1,547.0 Tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	mill residue	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:	hardwood	
Avg. Moisture Content % (WB):	15	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: mill residue
 Volume Used for Energy: 1,547 tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel?
 Would the Company like to sell wastes in the future?

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage	bin	
Handling	pneum feed blower	Industrial Boiler
Screening/Drying		
Combustion	pkg boiler	Industrial Boiler
Air Emissions	cyclone separator	Zurn, Inc.
Ash Disposal		
Cogeneration	none	

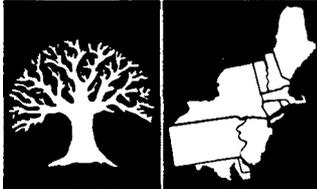
OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 78
 Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$	Other Fuel Costs: \$
Funding Sources:	Wood Fuel Costs: \$

COMMENTS:



Tupper Lake Veneer Corp.
 120 Demars Blvd
 Tupper Lake, NY 12986
 518-359-2930

CONTACT PERSON: Frank Bencze TITLE: Mgr # Of Employees: 100
 Company Description: Wood Related Industry SIC Code: 2432

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 14.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Sawdust		
Volume (per year):	7,000.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	sawdust	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:	hardwood	
Avg. Moisture Content % (WB):	12	

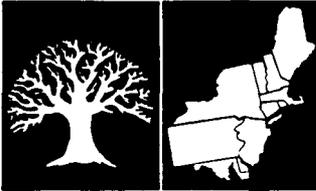
FIRMS THAT PRODUCE WOOD WASTE
 Type of Wood Wastes Produced: sawdust
 Volume Used for Energy: 7,000 tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel?
 Would the Company like to sell wastes in the future?

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage	fuel house	
Handling	conveyor	
Screening/Drying	none	
Combustion	built up boiler	Erie City Iron Wks
Air Emissions	none	
Ash Disposal	none	
Cogeneration	none	

OPERATION AND MAINTENANCE
 Began Using Wood In: JAN 1 72
 Portion of Total Operating Time for Downtimes: 5%

COSTS
 Total Equipment Costs: \$100,000 Other Fuel Costs: \$
 Funding Sources: Wood Fuel Costs: \$

COMMENTS:



Vochamp Lumber-Dry Kiln
Glenwood Ave & Gulf
Medina, NY 14103
716-798-0844

CONTACT PERSON: Robert Vosler TITLE:
Company Description: Wood Related Industry

Of Employees: 7
SIC Code: 2499

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 4.2

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Chips		
Volume (per year):	1,150.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	wood chips	
Cost (per ton):	20.00	
Source of Fuel:	on-site	
Hard or Soft Wood:	hardwood	
Avg. Moisture Content % (WB):	50	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	trailer	
Storage	silos	
Handling	gravity feed/screw	Conifer Co.
Screening/Drying	none	
Combustion	fire-tube boiler	Conifer Co.
Air Emissions	settling chamber	Zurn Inc.
Ash Disposal	on-site landfill	
Cogeneration	none	

OPERATION AND MAINTENANCE

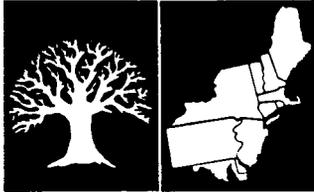
Began Using Wood In: JAN 1 79
Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$125,000 Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$23,000.00

COMMENTS:

Very satisfied with the unit. Energy used to heat kilns.



W.J. Cowee, Inc. 1 of 3
Taylor Avenue
Berlin, NY 12022
518-766-5200

CONTACT PERSON: R.J. Koerner TITLE:
Company Description: Wood Related Industry

Of Employees:
SIC Code: 2499

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 14.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Chips	Sawdust	
Volume (per year):	210.0 Tons	2,250.0 Tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	sawdust, bark	wood chips
Cost (per ton):		
Source of Fuel:		
Hard or Soft Wood:		
Avg. Moisture Content % (WB):		

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery		
Storage		
Handling		Emkay Engineering Co
Screening/Drying		
Combustion	built up boilers	Erie City
Air Emissions	none	
Ash Disposal	none	
Cogeneration		

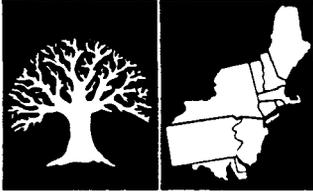
OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 73
Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$7,380.00

COMMENTS:



W.J. Cowee, Inc. 3 of 3
Taylor Avenue
Berlin, NY 12022
518-766-5200

CONTACT PERSON: R.J. Koerner TITLE:
Company Description: Wood Related Industry

Of Employees:
SIC Code: 2499

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 140.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Chips	Sawdust	
Volume (per year):	210.0 Tons	2,250.0 Tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	sawdust, bark	sawdust, bark
Cost (per ton):		
Source of Fuel:		
Hard or Soft Wood:		
Avg. Moisture Content % (WB):		

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery		
Storage		
Handling		Emkay Engineering
Screening/Drying		
Combustion	built up boilers	Erie City
Air Emissions		
Ash Disposal		
Cogeneration		

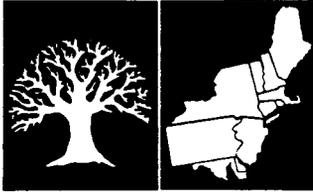
OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 73
Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$
Funding Sources:
Other Fuel Costs: \$
Wood Fuel Costs: \$2,460.00

COMMENTS:



Whitesville Wood Products
100 Commercial Ave.
Whitesville, NY 14897
607-356-3318

CONTACT PERSON: John B. Corneby TITLE: VP # Of Employees: 25
Company Description: Wood Related Industry SIC Code: 2421

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 3.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Sawdust		
Volume (per year):	1,260.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	saw dust	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:		
Avg. Moisture Content % (WB):	15	

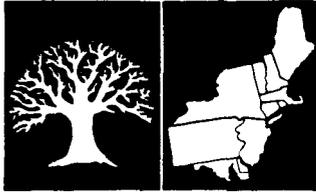
FIRMS THAT PRODUCE WOOD WASTE
Type of Wood Wastes Produced: saw dust, residue
Volume Used for Energy: 1,260 tons/year
Volume Disposed of: tons/year
Are Wood Wastes Presently Sold for Fuel? N
Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery		
Storage	bin	
Handling	gravity feed screw	Shuld Mfg Co
Screening/Drying		
Combustion	built up boiler	CH Dutton Co.
Air Emissions	none	
Ash Disposal	none	
Cogeneration	none	

OPERATION AND MAINTENANCE
Began Using Wood In: JAN 1 73
Portion of Total Operating Time for Downtimes: 2%

COSTS
Total Equipment Costs: \$ Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$

COMMENTS:
Energy used for space heating and wood drying.



Appleton Papers
100 Paper Mills Rd
Roaring Spring, PA 16533
814-224-2131

CONTACT PERSON: John Oldham TITLE: Eng Mgr # Of Employees: 500
Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 240.0
Steam 240,000 pounds/hr at 600 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Coal	Bark	
Volume (per year):	45,000.0 Tons	10,000.0 tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	Bark	N/A
Cost (per ton):		
Source of Fuel:		
Hard or Soft Wood:	Bark	
Avg. Moisture Content % (WB):		

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: bark
Volume Used for Energy: 5,000 tons/year
Volume Disposed of: tons/year
Are Wood Wastes Presently Sold for Fuel? N
Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery		
Storage		
Handling		
Screening/Drying		
Combustion		
Air Emissions		
Ash Disposal		
Cogeneration		

OPERATION AND MAINTENANCE

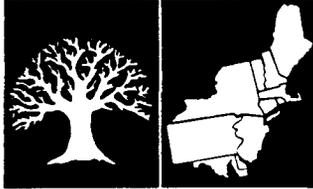
Began Using Wood In: JAN 1 77
Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$

COMMENTS:

Two 120,000 pph boilers are used at the plant, each burning 5,000 tons of bark per year.



Bradford Hospital

Bradford, PA 16701
814-368-4143

CONTACT PERSON: Philip Winger TITLE: # Of Employees:
Company Description: Hospital/Health Care

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 20.7
Steam 20,700 pounds/hr at 150 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Coal		
Volume (per year):	1,800.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	wood chips	sawdust
Cost (per ton):	20.00	
Source of Fuel:	loggers	mills
Hard or Soft Wood:		
Avg. Moisture Content % (WB):	45	20

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	tractor trailers	ak
Storage	indoor bin	
Handling	coal conveyor	
Screening/Drying		
Combustion	multifuel boiler	
Air Emissions	fly ash collector	
Ash Disposal	used for roadfill	
Cogeneration	induction gen	

OPERATION AND MAINTENANCE

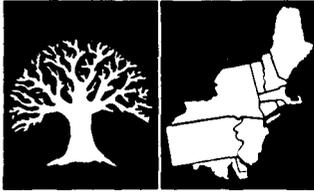
Began Using Wood In: JAN 1 81
Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$1,400,000 Other Fuel Costs: \$
Funding Sources: state Wood Fuel Costs: \$

COMMENTS:

All power cogenerated is used on site,
none is sold to the utility company. A schematic of the system is
available from CONEG.



H.P. McGinley Inc.
 PO Box 251
 McAlisterville, PA 17049
 717-463-2131

CONTACT PERSON: Mr. McGinley TITLE: President # Of Employees: 30
 Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr):

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Sawdust		
Volume (per year):	2,000.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	sawdust	
Cost (per ton):		
Source of Fuel:	local mill	
Hard or Soft Wood:	hardwood	
Avg. Moisture Content % (WB):		

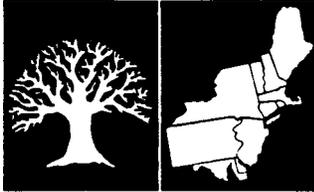
FIRMS THAT PRODUCE WOOD WASTE
 Type of Wood Wastes Produced: sawdust
 Volume Used for Energy: 2,000 tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel? N
 Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery		
Storage		
Handling		
Screening/Drying		
Combustion		
Air Emissions		
Ash Disposal		
Cogeneration		

OPERATION AND MAINTENANCE
 Began Using Wood In: JAN 1 78
 Portion of Total Operating Time for Downtimes: 10%
 COSTS
 Total Equipment Costs: \$
 Funding Sources: cash

Other Fuel Costs: \$
 Wood Fuel Costs: \$

COMMENTS:
 Plan to replace fire brick and boiler tubes.



Kane Hardwood Company
PO Box 807
Kane, PA 16735
814-837-6941

CONTACT PERSON: Michael Collins TITLE: VP # Of Employees: 153
Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 25.0
Steam 25,000 pounds/hr at 155 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Sawdust		
Volume (per year):	7,280.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	dust, shavings	N/A
Cost (per ton):		
Source of Fuel:	on site	
Hard or Soft Wood:	hard	
Avg. Moisture Content % (WB):	45	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: bark
Volume Used for Energy: 7,280 tons/year
Volume Disposed of: tons/year
Are Wood Wastes Presently Sold for Fuel? Y
Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery		
Storage		
Handling		
Screening/Drying		
Combustion	boiler	Wellons
Air Emissions	multi cone	Zurn
Ash Disposal	local	
Cogeneration	no	

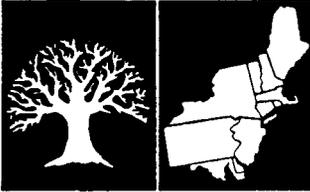
OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 74
Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$

COMMENTS:



Masonite Corp.
P.O. Box 311
Towanda, PA 18848
717-265-9121

CONTACT PERSON: M.L. Steele TITLE: Engineer # Of Employees: 600
Company Description: Wood Related Industry SIC Code: 2499

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 80.0
Steam 80,000 pounds/hr at 600 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Natural Gas	LP Gas	Wd Waste
Volume (per year):	105,215.0 CCF	10,514.0 Gallons	49,000.0 tons

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	hardboard & sawdust	
Cost (per ton):		
Source of Fuel:	by-product	
Hard or Soft Wood:	hardwood	
Avg. Moisture Content % (WB):	9	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: hdboard, sander dust
Volume Used for Energy: 49,000 tons/year
Volume Disposed of: tons/year
Are Wood Wastes Presently Sold for Fuel? N
Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	not applicable	
Storage	silos	Miller-Hoft
Handling	pneumatic transport	
Screening/Drying	none	
Combustion	boiler	Keeler
Air Emissions	multiclone	Zurn
Ash Disposal	landfill	
Cogeneration	not applicable	

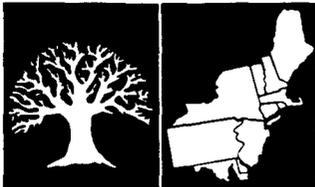
OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 65
Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$

COMMENTS:



Mastercraft Specialties
P.O. Box 71
Red Lion, PA 17356
717-244-8508

CONTACT PERSON: Joel Persing TITLE: Treas # Of Employees: 80
Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 3.0
Steam 3,000 pounds/hr at 8 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:			
Volume (per year):			

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	chips & sawdust	
Cost (per ton):		
Source of Fuel:	process waste	
Hard or Soft Wood:	mixed hardwood	
Avg. Moisture Content % (WB):	8	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: chips, sawdust
Volume Used for Energy: tons/year
Volume Disposed of: tons/year
Are Wood Wastes Presently Sold for Fuel? N
Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	N/A	
Storage		
Handling	Pneumatic feed	Saxton Air
Screening/Drying		
Combustion	boiler	Kewanee Type C
Air Emissions		
Ash Disposal		
Cogeneration	None	

OPERATION AND MAINTENANCE

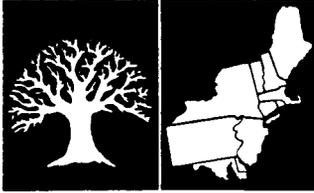
Began Using Wood In: JAN 1 78
Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$50,000 Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$

COMMENTS:

The first system we installed produced excessive smoke and combustion problems. The second system is much improved.



Pennsylvania House
 N. 10th Street
 Lewisburg, PA 17837
 717-523-1285

CONTACT PERSON: Dave Groom TITLE: Director # Of Employees: 700
 Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 30.0
 Steam 30,000 pounds/hr at psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#6 Oil	Sawdust	
Volume (per year):	84,000.0 Gallons	9,000.0 Tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	shavings & dust	N/A
Cost (per ton):		
Source of Fuel:	onsite	
Hard or Soft Wood:	hard	
Avg. Moisture Content % (WB):	20	

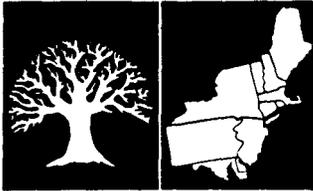
FIRMS THAT PRODUCE WOOD WASTE
 Type of Wood Wastes Produced: shavings, sawdust
 Volume Used for Energy: 9,000 tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel? N
 Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	prod onsite	
Storage	2 pole bldgs	
Handling	pneum feed, scr auger	
Screening/Drying	none	
Combustion	3 watertube boilers	E. Keeler
Air Emissions	fly ash separator	Breslove
Ash Disposal	offsite landfill	
Cogeneration	none	

OPERATION AND MAINTENANCE
 Began Using Wood In: JAN 1 30
 Portion of Total Operating Time for Downtimes: 5%

COSTS
 Total Equipment Costs: \$184,000 Other Fuel Costs: \$
 Funding Sources: internal Wood Fuel Costs: \$

COMMENTS:
 Have been burning wood for 50 years but
 upgraded system in 1981 to further reduce oil use.



Sensenich Corp.
 PO Box 4187
 Lancaster, PA 17061
 717-569-0435

CONTACT PERSON: Gary Sensenich TITLE: Pres # Of Employees: 170
 Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr):

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:			
Volume (per year):			

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	shavings	N/A
Cost (per ton):		
Source of Fuel:	on site	
Hard or Soft Wood:	hardwood	
Avg. Moisture Content % (WB):	7	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: shavings, hard wood
 Volume Used for Energy: tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel? N
 Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery		
Storage	store room	
Handling	screw conveyor	
Screening/Drying	none	
Combustion	boiler	Keeler
Air Emissions	stack collector	
Ash Disposal	manual	
Cogeneration	none	

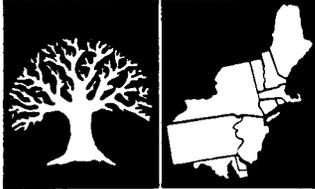
OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 40
 Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$	Other Fuel Costs: \$
Funding Sources: loan	Wood Fuel Costs: \$

COMMENTS:



Walter H. Weaber Sons Inc
 Rte 241, RD 4
 Lebanon, PA 17042
 717-867-2212

CONTACT PERSON: Galen Weaber TITLE: Owner # Of Employees: 230
 Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 30.0
 Steam 30,000 pounds/hr at 250 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Sawdust		
Volume (per year):	21,000.0 Tons		

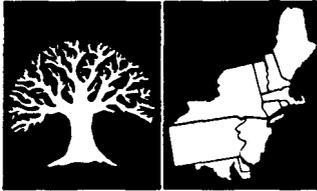
WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	sawdust	N/A
Cost (per ton):		
Source of Fuel:	onsite	
Hard or Soft Wood:	hard	
Avg. Moisture Content % (WB):	20	

FIRMS THAT PRODUCE WOOD WASTE
 Type of Wood Wastes Produced: sawdust
 Volume Used for Energy: 21,000 tons/year
 Volume Disposed of: 12,800 tons/year
 Are Wood Wastes Presently Sold for Fuel? N
 Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	prod onsite	
Storage	hydraulic bin	
Handling	paddle conveyors	Fry feeder
Screening/Drying	yes	
Combustion	hi press water tube	E. Keeler
Air Emissions	multicyclone dust co	
Ash Disposal	manual	
Cogeneration	considering	

OPERATION AND MAINTENANCE
 Began Using Wood In: JAN 1 79
 Portion of Total Operating Time for Downtimes: 5%
 COSTS
 Total Equipment Costs: \$1,500,000 Other Fuel Costs: \$
 Funding Sources: internal Wood Fuel Costs: \$

COMMENTS:



Wood Mode Cabinetry
2nd St.
Kreamer, PA 17833
717-374-2711

CONTACT PERSON: Jeffrey Bowersox TITLE: V.P. # Of Employees: 850
Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT
Heat (million Btus/hr):

COGENERATION

Electricity Produced On-Site: 1,590,899 KWH/year
Amount of Power Sold: 1,590,899 KWH/year
Power Sold to: Penn. Power and Light
Price of Power Sold 0.06 \$/KWH

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Chips		
Volume (per year):	14,265.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	scrap waste(chips)	N/A
Cost (per ton):		
Source of Fuel:	onsite	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):	8	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: waste chips
Volume Used for Energy: 6,000 tons/year
Volume Disposed of: tons/year
Are Wood Wastes Presently Sold for Fuel? N
Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	fired by air	Keeler
Storage	silos	Int. Harvstr
Handling	-	
Screening/Drying	dry kilns	
Combustion	boiler	Keeler
Air Emissions	-	
Ash Disposal	filtering syst.	
Cogeneration	Skinner turbine	Stanford Gen.

OPERATION AND MAINTENANCE

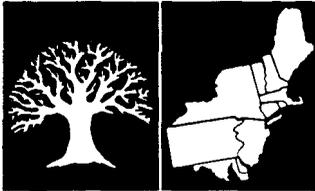
Began Using Wood In: JAN 1 '68
Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$	Other Fuel Costs: \$
Funding Sources: local loans	Wood Fuel Costs: \$

COMMENTS:

Do not plan to switch back to oil, no matter what happens to oil prices. Generate 400 kw/hr, 24 hrs/day, 10 months/yr. All power sold to utility company.



Basketville Inc.
 Main Street
 Putney, VT 05346
 802-387-5509

CONTACT PERSON: Frank G. Wilson TITLE: Pres. # Of Employees: 72
 Company Description: Wood Related Industry SIC Code: 2511

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 4.2

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Chips		
Volume (per year):	936.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	Chips	Residue
Cost (per ton):	23.00	
Source of Fuel:	Broker	onsite
Hard or Soft Wood:	mixed	mixed
Avg. Moisture Content % (WB):	40	20

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: scraps
 Volume Used for Energy: 500 tons/year
 Volume Disposed of: 1,000 tons/year
 Are Wood Wastes Presently Sold for Fuel? Y
 Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	automatic	
Storage	bin	
Handling	screw auger	
Screening/Drying	none	
Combustion	boiler	Conifer
Air Emissions	none	
Ash Disposal	manual	
Cogeneration	none	

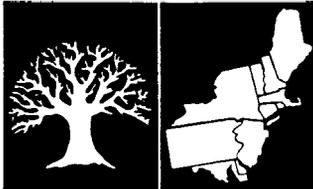
OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 80
 Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$	Other Fuel Costs: \$
Funding Sources:	Wood Fuel Costs: \$21,424.00

COMMENTS:



Bell Gates Lumber Corp.
 PO Box 279
 Jeffersonville, VT 05464
 802-644-2221

CONTACT PERSON: Jerrol Gates TITLE: Mgr # Of Employees: 20
 Company Description: Wood Related Industry SIC Code: 2421

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 5.2
 Steam 5,175 pounds/hr at 150 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Sawdust	#2 Oil	
Volume (per year):		500.0 Gallons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	sawdust, bark	
Cost (per ton):		
Source of Fuel:	on-site	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):	20	

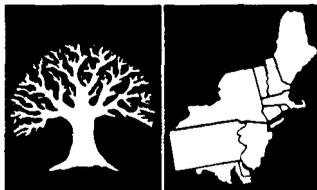
FIRMS THAT PRODUCE WOOD WASTE
 Type of Wood Wastes Produced: sawdust, bark
 Volume Used for Energy: tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel? Y
 Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	on-site	
Storage	cement silo	
Handling	screw conveyor	
Screening/Drying	none	
Combustion	boiler	
Air Emissions	cyclone collector	Zurn, Inc.
Ash Disposal		
Cogeneration	small system in 1987	

OPERATION AND MAINTENANCE
 Began Using Wood In: JAN 1 79
 Portion of Total Operating Time for Downtimes: 5%

COSTS
 Total Equipment Costs: \$400,000 Other Fuel Costs: \$400.00
 Funding Sources: Wood Fuel Costs: \$

COMMENTS:
 Very satisfied with system. Advises potential users to be prepared for occasional smoke from stack.



Bostwick Farm
 Rte 4, Box 4399
 Shelburne, VT 05482
 802-985-2002

CONTACT PERSON: Chris Davis TITLE: Manager # Of Employees: 5
 Company Description: Non-Wood Related Industry

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 2.1
 Steam 2,070 pounds/hr at 60 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Pellets		
Volume (per year):	540.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	wood pellets	
Cost (per ton):	80.00	
Source of Fuel:	broker	
Hard or Soft Wood:		
Avg. Moisture Content % (WB):	7	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	dumptruck w/pneum ld	
Storage	outside bin	
Handling	agricultural augers	
Screening/Drying	none	
Combustion	HRT solid fuel blr	Columbia
Air Emissions	none	
Ash Disposal	spread on gardens	
Cogeneration	none	

OPERATION AND MAINTENANCE

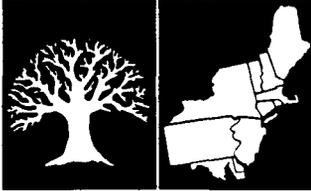
Began Using Wood In: JAN 1 82
 Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$13,000	Other Fuel Costs: \$
Funding Sources:	Wood Fuel Costs: \$43,200.00

COMMENTS:

Used to burn wood for the ethenol plant. They are no longer burning wood because the ethenol plant closed. However, they were very satisfied with the system.



Branchwood Inc.
 PO Box 268,6 Pearl S
 Randolph, VT 05060
 802-728-3386

CONTACT PERSON: Clark Bothfeld TITLE: Pres # Of Employees: 35
 Company Description: Wood Related Industry SIC Code: 2426

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 17.2
 Steam 17,250 pounds/hr at 50 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#2 Oil	Residues	
Volume (per year):	1,000.0 Gallons	10,000.0 Tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	slabs,edgings,shav.	slabs
Cost (per ton):		
Source of Fuel:	on site	on site
Hard or Soft Wood:	dry & green	both
Avg. Moisture Content % (WB):	6	50

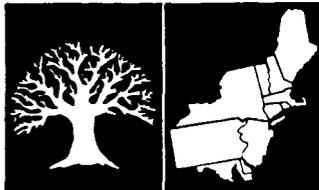
FIRMS THAT PRODUCE WOOD WASTE
 Type of Wood Wastes Produced: all types
 Volume Used for Energy: 10,000 tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel? N
 Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	None	
Storage	On site	
Handling	hcg	
Screening/Drying	None	
Combustion	Wood boiler	Dillon
Air Emissions	None	
Ash Disposal	Manual	
Cogeneration	None	

OPERATION AND MAINTENANCE
 Began Using Wood In: JAN 1 36
 Portion of Total Operating Time for Downtimes: 5%

COSTS
 Total Equipment Costs: \$ Other Fuel Costs: \$
 Funding Sources: Wood Fuel Costs: \$400.00

COMMENTS:
 We burn all of our waste wood on site. They restructured burning unit in 1986 to conserve fuel. We rely on magazines & salespeople for information.



Brattleboro Dry Kiln
 36 Frost St., Box 296
 Brattleboro, VT 05301
 802-254-4528

CONTACT PERSON: Maurice Roy TITLE: Gen Mgr # Of Employees: 32
 Company Description: Wood Related Industry SIC Code: 2421

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 8.0
 Steam 8,000 pounds/hr at 12 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Mill Wastes	Mill Wastes	#6 Oil
Volume (per year):	7,300.0 Tons	2,000.0 tons	250,000.0 Gals

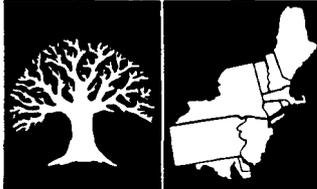
WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	Residues	Residues
Cost (per ton):		
Source of Fuel:	on site	Local units
Hard or Soft Wood:	hard	hard
Avg. Moisture Content % (WB):	8	10

FIRMS THAT PRODUCE WOOD WASTE
 Type of Wood Wastes Produced: mill residues
 Volume Used for Energy: 9,300 tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel? N
 Would the Company like to sell wastes in the future? N

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery		
Storage	On site	
Handling	blower	
Screening/Drying	hog	
Combustion	Double pass firebox	Dillon
Air Emissions	Cyclone separator	
Ash Disposal	Refuse company	
Cogeneration	NA	

OPERATION AND MAINTENANCE
 Began Using Wood In: JAN 1 72
 Portion of Total Operating Time for Downtimes: 5%
 COSTS
 Total Equipment Costs: \$ Other Fuel Costs: \$120,000.00
 Funding Sources: Internal funds Wood Fuel Costs: \$

COMMENTS:
 Planning to replace existing system with a new one that is larger.



Burlington Electric Dept.
 585 Pine St.
 Burlington, VT 05401
 802-658-0300

CONTACT PERSON: John Irving TITLE: Plant Mgr. # Of Employees: 180
 Company Description: Public/Private Utility

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 725.0
 Steam 500,000 pounds/hr at 1300 psig

COGENERATION Capacity 50.0 Megawatts
 Electricity Produced On-Site: 100,426,500 KWH/year
 Amount of Power Sold: 100,426,500 KWH/year
 Power Sold to: Utility customers

Price of Power Sold \$/KWH

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#2 Oil	Wood Chips	
Volume (per year):	266,000.0 Gallons	435,061.0 Tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	Whole Tree Chips	N/A
Cost (per ton):	23.50	
Source of Fuel:	indep loggers	
Hard or Soft Wood:	50/50	
Avg. Moisture Content % (WB):	50	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: N/A
 Volume Used for Energy: tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel?
 Would the Company like to sell wastes in the future?

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	truck/train	Ortner (train)
Storage	open pile	
Handling	bucket loader	CAT
Screening/Drying	Disc Screen	Rader
Combustion	boiler	Zurn
Air Emissions	elect. precipitator	GE
Ash Disposal	on site landfill	
Cogeneration	N/A	

OPERATION AND MAINTENANCE

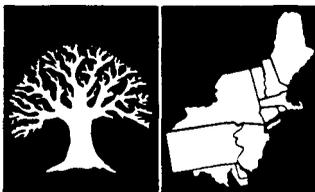
Began Using Wood In: JUN 1 84
 Portion of Total Operating Time for Downtimes: 20%

COSTS

Total Equipment Costs: \$6,700,000	Other Fuel Costs: \$226,100.00
Funding Sources: municipal bonds	Wood Fuel Costs: \$10,223,933*

COMMENTS:

Cost of bucket loader: \$180,000;
 Cost of electrostatic precipitator: \$5,500,000.



Calais Elementary School
 Box 78
 Calais, VT 05648
 802-223-6918

CONTACT PERSON: Tim Maker TITLE: Energy Coord # Of Employees:
 Company Description: School/College/Univ.

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 0.5

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Wood Chips	Oil	
Volume (per year):	80.0 tons	1,000.0 Gal.	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	Wood Chips	
Cost (per ton):	25.00	
Source of Fuel:	mill and lumber yard	
Hard or Soft Wood:	hard	
Avg. Moisture Content % (WB):	30	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	30 ton walking floor	
Storage	storage room	
Handling	automatic auger	Messersmith
Screening/Drying		
Combustion	fan forced grate	Messersmith
Air Emissions		
Ash Disposal	Landfill	
Cogeneration		

OPERATION AND MAINTENANCE

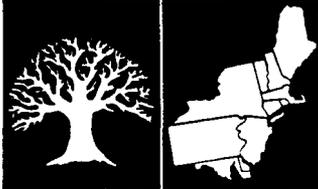
Began Using Wood In: DEC 1 87
 Portion of Total Operating Time for Downtimes: 40%

COSTS

Total Equipment Costs: \$35,000	Other Fuel Costs: \$
Funding Sources: VT. Dept. of Ed	Wood Fuel Costs: \$

COMMENTS:

The system is designed to heat a small (13,000 sq. ft.) school with fully automatic wood chip handling. School janitor provides any necessary maintenance. Downtime is high only for start up year.



Cantwell Greenhouses
RD 1760
Plainfield, VT 05667
802-454-7148

CONTACT PERSON: Dick Cantwell TITLE: President # Of Employees:
Company Description: Non-Wood Related Industry

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 1.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Wood Chips		
Volume (per year):	90.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	Chips	
Cost (per ton):	25.00	
Source of Fuel:	Local suppliers	
Hard or Soft Wood:	Hard	
Avg. Moisture Content % (WB):	46	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	Tractor	
Storage	Shed	
Handling	Hand fired	
Screening/Drying		
Combustion	Hot Water	HB Smith
Air Emissions		
Ash Disposal	Land spread	
Cogeneration		

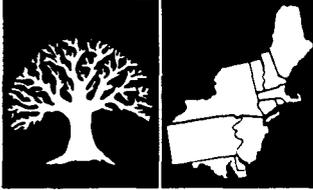
OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 84
Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$3,000 Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$2,125.00

COMMENTS:



Columbia Forest Products 1 of 2
Box 217 Union St.
Newport, VT 05855
802-334-6711

CONTACT PERSON: John Byers TITLE: Engineer # Of Employees: 250
Company Description: Wood Related Industry SIC Code: 2435

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 8.0
Steam 8,000 pounds/hr at 100 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#2 Oil	LP Gas	Residue
Volume (per year):	235,000.0 Gallons	10,800.0 Gallons	11,000.0 tons

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	hog wood fibers	
Cost (per ton):		
Source of Fuel:	on site	
Hard or Soft Wood:	hard	
Avg. Moisture Content % (WB):	35	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: bark & veneer
Volume Used for Energy: 20,000 tons/year
Volume Disposed of: 9,000 tons/year
Are Wood Wastes Presently Sold for Fuel? Y
Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery		
Storage	inside bins	custom
Handling	fuel hog	Jeffrey
Screening/Drying	none	
Combustion	2 4,000 PPH boilers	Dillon
Air Emissions	none	
Ash Disposal	manual	
Cogeneration	none	

OPERATION AND MAINTENANCE

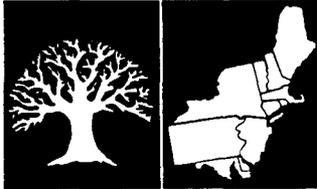
Began Using Wood In: JAN 1 45
Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$209,100.00
Funding Sources: Wood Fuel Costs: \$11,000.00

COMMENTS:

Volume of waste described above is in green tons; price quoted above is per dry ton. The hog wood chips burned are finer than wood chips, source is bark and veneer.



Decker Energy Internation

E. Ryegate, VT 05042
305-628-8900

CONTACT PERSON: John Weesner TITLE: Proj Mgr # Of Employees:
Company Description: Public/Private Utility

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 85.0
Steam 250,000 pounds/hr at psig

COGENERATION Capacity 25.0 Megawatts

Electricity Produced On-Site: KWH/year

Amount of Power Sold: KWH/year

Power Sold to: Utility customers

Price of Power Sold \$/KWH

FUEL USE FUEL #1 FUEL #2 FUEL #3

Fuel Type: Wood Chips

Volume (per year): 350,000.0 Tons

WOODFUEL USE WOODFUEL #1 WOODFUEL #2

Fuel Type: Chips

Cost (per ton):

Source of Fuel: Loggers

Hard or Soft Wood: Mixed

Avg. Moisture Content % (WB): 45

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION TYPE MANUFACTURER

Delivery Not known yet.

Storage

Handling

Screening/Drying

Combustion

Air Emissions

Ash Disposal

Cogeneration

OPERATION AND MAINTENANCE

Began Using Wood In:

Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$2,500,000

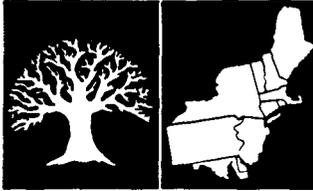
Other Fuel Costs: \$

Funding Sources:

Wood Fuel Costs: \$

COMMENTS:

Plant was proposed in late 1986 and has not yet received final approval. Contact: John Weesner, Decker Energy International, 1099 W. Morse Blvd., Winter Park, FL. Tel. (305)628-8900.



Ethan Allen Inc. 3 of 6
 P.O. Box 217
 Beecher Falls, VT 05902
 802-266-3355

CONTACT PERSON: Brendon Cote TITLE: Eng # Of Employees: 465
 Company Description: Wood Related Industry SIC Code: 2511

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 27.0
 Steam 27,000 pounds/hr at psig

COGENERATION Capacity 0.2 Megawatts

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Wood Chips	Sawdust	#4 Oil
Volume (per year):	9,000.0 Tons	3,500.0 Tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	wood chips	sawdust
Cost (per ton):	20.00	
Source of Fuel:	loggers	on-site
Hard or Soft Wood:	mixed	hardwood
Avg. Moisture Content % (WB):	40	15

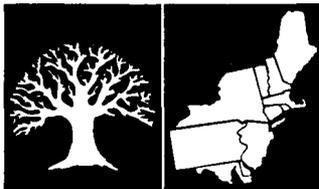
FIRMS THAT PRODUCE WOOD WASTE
 Type of Wood Wastes Produced: bark, sawdust
 Volume Used for Energy: 10,500 tons/year
 Volume Disposed of: 3,500 tons/year
 Are Wood Wastes Presently Sold for Fuel? Y
 Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	tractor	
Storage	outside pile	
Handling	pneumatic feed	
Screening/Drying	fuel hog	
Combustion	water tube boiler	Wickes
Air Emissions	fly ash collector	Breslove
Ash Disposal		
Cogeneration	200 KW peak	

OPERATION AND MAINTENANCE
 Began Using Wood In: JAN 1 78
 Portion of Total Operating Time for Downtimes: 10%

COSTS
 Total Equipment Costs: \$ Other Fuel Costs: \$
 Funding Sources: internal Wood Fuel Costs: \$18,000.00

COMMENTS:
 Operation has been satisfactory; pneumatic feed has plugged up, and fans and blow pipes do wear out. Saving \$1,000,000 with wood. Average electrical production is 150 KW.



Ethan Allen Inc. 4 of 6
P.O. Box 217
Beecher Falls, VT 05902
802-266-3355

CONTACT PERSON: Brendon Cote TITLE: Engineer # Of Employees: 510
Company Description: Wood Related Industry SIC Code: 2511

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 38.0
Steam 38,000 pounds/hr at 150 PSIG

COGENERATION Capacity 0.5 Megawatts
Electricity Produced On-Site: 1,500,000 KWH
Amount of Power Sold:

Power Sold to:

Price of Power Sold \$/KWH

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Wood Chips	Sawdust	#4 Oil
Volume (per year):	21,000.0 Tons	7,500.0 Tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	wood chips	sawdust
Cost (per ton):	21.50	
Source of Fuel:	loggers (35%)	onsite
Hard or Soft Wood:	Hardwood	hardwood
Avg. Moisture Content % (WB):	40	15

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: bark, sawdust
Volume Used for Energy: 10,500 tons/year
Volume Disposed of: 3,500 tons/year
Are Wood Wastes Presently Sold for Fuel? Y
Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	tractor trailers	
Storage	outdoor pile	
Handling	pneum feed	
Screening/Drying	fuel hog proc.	
Combustion	water tube boiler	Bigelow & Wickes
Air Emissions	fly ash collector	Breslove (2 ea.)
Ash Disposal		
Cogeneration	yes	

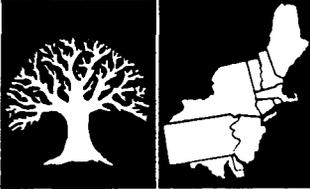
OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 83
Portion of Total Operating Time for Downtimes: 10%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$
Funding Sources: internal Wood Fuel Costs: \$180,000.00

COMMENTS:



Flood Brook Union School
 P.O. Box 68
 Londonderry, VT 05148
 802-824-6811

CONTACT PERSON: Nora-Ellen Spaulding TITLE: Principal
 Company Description: School/College/Univ.

Of Employees: 50
 SIC Code: 8211

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 1.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#2 Oil	Chips	
Volume (per year):	10,000.0 Gallons	160.0 Tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	mill chips	
Cost (per ton):	25.00	
Source of Fuel:	local mills	
Hard or Soft Wood:	hardwood	
Avg. Moisture Content % (WB):	40	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	tractor trailer	Freuhauf
Storage	1 trailer	
Handling	screw auger	G&S Mill
Screening/Drying	none	
Combustion	retrofit oil boiler	G&S Mill
Air Emissions	none	
Ash Disposal	local farmers	
Cogeneration	none	

OPERATION AND MAINTENANCE

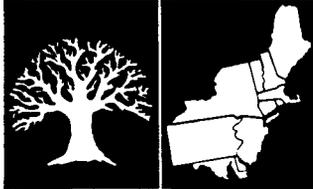
Began Using Wood In: JAN 1 85
 Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$55,000	Other Fuel Costs: \$7,700.00
Funding Sources: School & US DOE	Wood Fuel Costs: \$4,700.00

COMMENTS:

Very satisfied with system and highly recommend wood for schools.
 Prefer mill chips to tree chips.



Georgia Pacific Corp. 1 of 2
Whitefield Division
Gilman, VT 05904
802-892-5515

CONTACT PERSON: David G. Blanchette TITLE: Energy Mgr. # Of Employees: 220
Company Description: Wood Related Industry SIC Code: 2621

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 100.0
Steam 100,000 pounds/hr at 600 psig

COGENERATION Capacity 4.0 Megawatts
Electricity Produced On-Site: 6,300,000 KWH/year
Amount of Power Sold: 6,300,000 KWH/year
Power Sold to: Local utility
Price of Power Sold \$/KWH

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#6 Oil	Chips	Residue
Volume (per year):	67,500.0 Gallons	60,000.0 Tons	80,000.0 tons

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	wood chips	bark & waste
Cost (per ton):		
Source of Fuel:	Loggers	Local mills
Hard or Soft Wood:	mixed	mixed
Avg. Moisture Content % (WB):	40	45

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	Tractor-trailers	
Storage		
Handling	Pneumatic	Rader;Cat 950B
Screening/Drying	Pneumatic	Rader
Combustion	Zurn boiler	Zurn
Air Emissions	VOP	
Ash Disposal	National	
Cogeneration	General Electric	

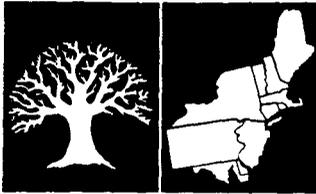
OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 77
Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$

COMMENTS:



Green Mountain Log Homes
PO Box 428
Chester, VT 05143
802-875-2163

CONTACT PERSON: Sean Schaeffner TITLE: President # Of Employees:
Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT
Heat (million Btus/hr):

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Wood Scraps		
Volume (per year):	40.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	Wood Scraps	
Cost (per ton):		
Source of Fuel:	On Site	
Hard or Soft Wood:	Soft	
Avg. Moisture Content % (WB):	25	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery		
Storage	Outside	
Handling	Handfired, Forklift	
Screening/Drying		
Combustion	Hot Air	G & S Mill
Air Emissions		
Ash Disposal	Landfill	
Cogeneration		

OPERATION AND MAINTENANCE

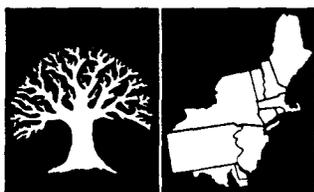
Began Using Wood In: JAN 1 63
Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$25,000 Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$

COMMENTS:

Company has been burning their scrap wood since they began operations. A new furnace was purchased by the company last year.



Haynes Brothers, Inc.
PO Box 577
Wilmington, VT 05363
802-464-2141

CONTACT PERSON: Ted Boggio TITLE: Owner # Of Employees: 26
Company Description: Wood Related Industry SIC Code: 2499

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 12.1
Steam 12,075 pounds/hr at 15 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Sawdust	# 2 Oil	
Volume (per year):		6,000.0 Gallons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	Sawdust	NA
Cost (per ton):		
Source of Fuel:	On site	
Hard or Soft Wood:	Soft	
Avg. Moisture Content % (WB):	15	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: residues
Volume Used for Energy: tons/year
Volume Disposed of: 5,000 tons/year
Are Wood Wastes Presently Sold for Fuel? Y
Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery		
Storage	silo	
Handling	belt conveyer	
Screening/Drying	fuel hog	
Combustion	HRT boiler	Zurn
Air Emissions	dust collector	
Ash Disposal	none	
Cogeneration	none	

OPERATION AND MAINTENANCE

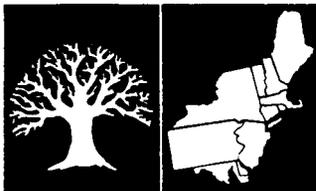
Began Using Wood In: JAN 1 79
Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$4,860.00
Funding Sources: Wood Fuel Costs: \$

COMMENTS:

Produce pulpwood and bark mulch for sale. Are evaluating whether to cogenerate electricity.



Lyndon Woodworking, Inc.
 Box 45
 Lyndon, VT 05849
 802-626-8882

CONTACT PERSON: David Allard TITLE: President # Of Employees: 8
 Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr):

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Electricity	Waste Wood	
Volume (per year):		10.0 Cords	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	Wood Waste	
Cost (per ton):		
Source of Fuel:	On Site	
Hard or Soft Wood:	Hard	
Avg. Moisture Content % (WB):		

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery		
Storage		
Handling	Hand Fired	
Screening/Drying		
Combustion	Hot Air	
Air Emissions		
Ash Disposal	Landsread	
Cogeneration		

OPERATION AND MAINTENANCE

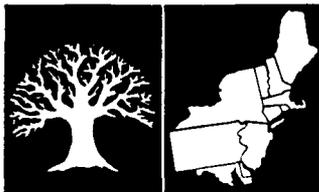
Began Using Wood In: JAN 1 79
 Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$1,500	Other Fuel Costs: \$14,000.00
Funding Sources:	Wood Fuel Costs: \$

COMMENTS:

The company has a wood furnace that is in use to burn the byproducts of their manufacturing process. They do not operate the furnace from mid-April through October.



Manchester Wood
Route 11
Manchester, VT 05255
802-362-2229

CONTACT PERSON: Jon Jamieson TITLE: Vice Pres. # Of Employees:
Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT
Heat (million Btus/hr):

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Chips/Dust		
Volume (per year):			

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	Chips and Sawdust	
Cost (per ton):		
Source of Fuel:	On site	
Hard or Soft Wood:	Hard	
Avg. Moisture Content % (WB):	8	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery		
Storage	Hopper	
Handling	Screw Auger	
Screening/Drying		
Combustion	Hot Water	G & S Mill
Air Emissions	Cyclone	
Ash Disposal		
Cogeneration		

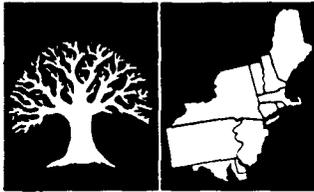
OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 83
Portion of Total Operating Time for Downtimes: 3%

COSTS

Total Equipment Costs: \$40,000 Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$

COMMENTS:



Marty Moore Greenhouses
P.O. Box 407
Bennington, VT 05201
802-442-2441

CONTACT PERSON: Clover Sweet, Jr. TITLE: Pres # Of Employees: 5
Company Description: Greenhouse/Nursery

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 3.4

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#2 Oil	Chunk Wood	Chips
Volume (per year):	500.0 Gallons	200.0 Cords	285.0 tons

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	sawdust	chips
Cost (per ton):	5.00	5.00
Source of Fuel:	local mills	local mills
Hard or Soft Wood:	mixed	mixed
Avg. Moisture Content % (WB):	20	20

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	truck & chipped here	Valby Chipper
Storage		
Handling	totally automatic	
Screening/Drying	none	
Combustion	1 boiler, 1 furnace	Messersmith Inc.
Air Emissions	none	
Ash Disposal	manual cleaning	
Cogeneration	none	

OPERATION AND MAINTENANCE

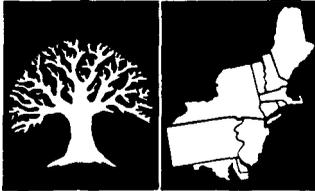
Began Using Wood In: JAN 1 77
Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$31,500	Other Fuel Costs: \$100.00
Funding Sources: internal	Wood Fuel Costs: \$21,788.00

COMMENTS:

Plans to build chip storage building; A second boiler burns chunkwood. #2 oil is used as a back-up. They sell wood boilers as a sideline. Overall they are very pleased with the system.



Montpelier H'way Garage
2 Prospect St.
Montpelier, VT 05602
802-223-9510

CONTACT PERSON: Dean Utton TITLE: Clerk # Of Employees: 26
Company Description: Public Facility

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 0.2

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Wood Pellet		
Volume (per year):	40.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	Pellets	NA
Cost (per ton):	90.00	
Source of Fuel:	Oil dealer	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):	7	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	Truck w/pneum.unload	
Storage	6 ton silo	
Handling	gravity feed	
Screening/Drying	none	
Combustion	retrofitted boiler	
Air Emissions	none	
Ash Disposal	manual	
Cogeneration	none	

OPERATION AND MAINTENANCE

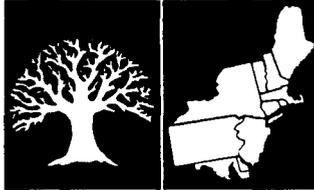
Began Using Wood In: JAN 1 82
Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$3,600.00

COMMENTS:

Very satisfied with the system.



North Country Union H.S.
 Veteran Ave.
 Newport, VT 05855
 802-334-7921

CONTACT PERSON: Ron Chaffee TITLE: Bldg Sup # Of Employees: 5
 Company Description: School/College/Univ.

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 3.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Wood Pellet	# 4 Oil	
Volume (per year):	500.0 Tons	34,589.0 Gallons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	wood pellets	N/A
Cost (per ton):	76.00	
Source of Fuel:	broker	
Hard or Soft Wood:		
Avg. Moisture Content % (WB):	7	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: N/A
 Volume Used for Energy: tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel?
 Would the Company like to sell wastes in the future?

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	tractor trailer	
Storage	2 20 ton silos	
Handling	2 flex augers	
Screening/Drying	none	
Combustion	retro boiler	H.B. Smith
Air Emissions	none	
Ash Disposal	manual, landfill	
Cogeneration	none	

OPERATION AND MAINTENANCE

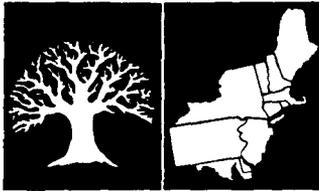
Began Using Wood In: JAN 1 84
 Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$33,000	Other Fuel Costs: \$29,600.00
Funding Sources: Not known.	Wood Fuel Costs: \$38,000.00

COMMENTS:

Stopped burning pellets in 1986. Will burn again when #4 oil reaches \$.74 per gallon. Were very satisfied with wood system.



Northland Products, Inc.
 117 Troy Street
 Richford, VT 05476
 802-848-7726

CONTACT PERSON: James C. O'Brien TITLE: President # Of Employees:
 Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 1.5

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Oil #2	Sawdust	
Volume (per year):	63,000.0 Gallons	20.0 tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	Sawdust	
Cost (per ton):		
Source of Fuel:	On site	
Hard or Soft Wood:	Hard	
Avg. Moisture Content % (WB):	8	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery		
Storage	Silo	
Handling	Screw Auger	
Screening/Drying		
Combustion	Steam Boiler	Kawani
Air Emissions		
Ash Disposal	Landspread	
Cogeneration		

OPERATION AND MAINTENANCE

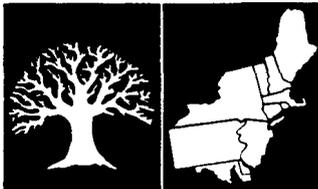
Began Using Wood In: JAN 1 81
 Portion of Total Operating Time for Downtimes: 50%

COSTS

Total Equipment Costs: \$50,000	Other Fuel Costs: \$
Funding Sources:	Wood Fuel Costs: \$

COMMENTS:

Northland Products uses a combination oil/sawdust boiler.



Peoples Academy
Rt. 3, Box 40
Morrisville, VT 05661
802-888-4600

CONTACT PERSON: Bernie Sheltra TITLE: Principal # Of Employees:
Company Description: School/College/Univ.

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 2.3

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#2 Oil	Pellets	
Volume (per year):	1,110.0 Gallons	200.0 Tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	wood pellets	N/A
Cost (per ton):	78.00	
Source of Fuel:	broker	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):	15	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: N/A
Volume Used for Energy: tons/year
Volume Disposed of: tons/year
Are Wood Wastes Presently Sold for Fuel?
Would the Company like to sell wastes in the future?

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	20 ton truck	
Storage	2 grain silos	
Handling	screw augers	
Screening/Drying	none	
Combustion	boiler	Federal Boiler Co.
Air Emissions	none	
Ash Disposal	auto ash removal	
Cogeneration	none	

OPERATION AND MAINTENANCE

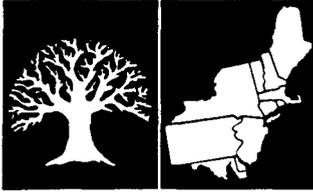
Began Using Wood In: JAN 1 83
Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$150,000 Other Fuel Costs: \$1,000.00
Funding Sources: grant,bankloan Wood Fuel Costs: \$15,600.00

COMMENTS:

3-yr anticipated payback, admin. very pleased with system; minimal maintenance. Important to meter fuel deliveries and prevent circulation of dust in fuel handling system.



Roadside Marine
 Industrial Ave.
 Williston, VT 05495
 802-863-5523

CONTACT PERSON: TITLE: # Of Employees: 10
 Company Description: Misc.

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 1.5
 Steam 1,500 pounds/hr at psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Pellets		
Volume (per year):	6.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	wood pellets	
Cost (per ton):	89.00	
Source of Fuel:	broker	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):	7	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	50lb bags	
Storage	inside	
Handling	screw auger	
Screening/Drying	none	
Combustion	pkge boiler	
Air Emissions	none	
Ash Disposal	manual	
Cogeneration	none	

OPERATION AND MAINTENANCE

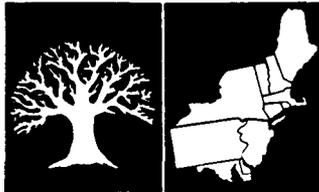
Began Using Wood In:
 Portion of Total Operating Time for Downtimes: 10%

COSTS

Total Equipment Costs: \$	Other Fuel Costs: \$
Funding Sources:	Wood Fuel Costs: \$600.00

COMMENTS:

Very satisfied with system.



Spate's Business Complex
Memphremagog Rental
Newport, VT 05855
802-334-6472

CONTACT PERSON: Doug Spates TITLE: Owner # Of Employees:
Company Description: Non-Wood Related Industry

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 3.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Wood Pellet		
Volume (per year):	350.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	wood pellets	
Cost (per ton):	100.00	
Source of Fuel:	broker	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):	7	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	tractor trailer	
Storage	bin	
Handling	screw auger	
Screening/Drying	none	
Combustion	retrofit boiler	
Air Emissions	none	
Ash Disposal	manual cleanout	
Cogeneration	none	

OPERATION AND MAINTENANCE

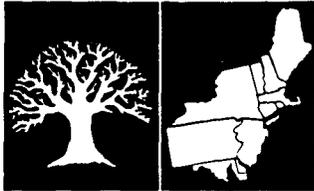
Began Using Wood In: JAN 1 81
Portion of Total Operating Time for Downtimes: 10%

COSTS

Total Equipment Costs: \$60,000	Other Fuel Costs: \$
Funding Sources: internal	Wood Fuel Costs: \$35,000.00

COMMENTS:

Doug Spates has numerous buildings heated with wood pellets and is very enthusiastic about wood pellets as a fuel source.



St. Francis Xavier School
 St. Peter Street
 Winooski, VT 05404
 802-655-2600

CONTACT PERSON: Clement Poppin TITLE: Plt Mgr # Of Employees: 200
 Company Description: School/College/Univ.

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 1.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Wood Pellet	#2 Oil	
Volume (per year):	100.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	Pellets	
Cost (per ton):	83.00	
Source of Fuel:	broker	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):	7	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	Dump truck w/ blower	
Storage	inside bin	
Handling	screw auger	
Screening/Drying	none	
Combustion	retrofit coal boiler	
Air Emissions	none	
Ash Disposal	manual	
Cogeneration	none	

OPERATION AND MAINTENANCE

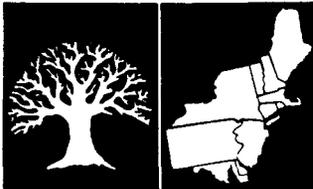
Began Using Wood In: JAN 1 85
 Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$	Other Fuel Costs: \$13,000.00
Funding Sources: internal	Wood Fuel Costs: \$8,300.00

COMMENTS:

Very satisfied with system. Need to shovel fuel in bin when supplies are low.



St. Johnsbury Corr. Cente

St. Johnsbury, VT 05819
802-748-5655

CONTACT PERSON: Christopher Owens TITLE: Foreman # Of Employees:
Company Description: Public Facility

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 2.0 Handfired

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	#2 Oil	Chunk Wood	
Volume (per year):	3,000.0 Gallons	200.0 Cords	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	chunkwood	
Cost (per ton):	33.00	
Source of Fuel:	logger	
Hard or Soft Wood:	hard	
Avg. Moisture Content % (WB):		

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	truck	
Storage	sheds	
Handling	by hand	
Screening/Drying		
Combustion	boiler	H B Smith
Air Emissions		
Ash Disposal	onto plowed ground	
Cogeneration		

OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 81

Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$

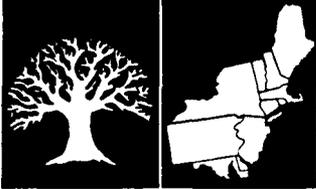
Other Fuel Costs: \$5,175.00

Funding Sources: State of VT

Wood Fuel Costs: \$6,600.00

COMMENTS:

Saves the state money, supplies jobs,
keeps inmates active; system will pay for itself.



Trading Post
 190 River Street
 Montpelier, VT 05602
 802-223-2702

CONTACT PERSON: James Barrett TITLE: Owner # Of Employees: 7
 Company Description: Non-Wood Related Industry

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 1.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Wood Pellet		
Volume (per year):	50.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	Pellets	N/A
Cost (per ton):	89.00	
Source of Fuel:	broker	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):	7	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: N/A
 Volume Used for Energy: tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel?
 Would the Company like to sell wastes in the future?

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	Truck w/pneum.unload	
Storage	Inside bin	
Handling	Screw augers	Prill
Screening/Drying	None	
Combustion	Custom built boiler	
Air Emissions	None	
Ash Disposal	Manual	
Cogeneration	None	

OPERATION AND MAINTENANCE

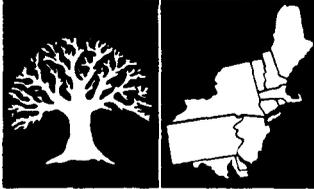
Began Using Wood In: JAN 1 84
 Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$3,000	Other Fuel Costs: \$
Funding Sources: internal	Wood Fuel Costs: \$4,450.00

COMMENTS:

Used to burn chunkwood. Owner prefers the automatic operation of the self-feeding pellet system.



True Temper Corp. 1 of 2
104 Portland St
St. Johnsbury, VT 05819
802-748-9395

CONTACT PERSON: Phil Williams TITLE: Plt Mgr # Of Employees: 21
Company Description: Wood Related Industry SIC Code: 2499

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 4.2

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Slabs	Sawdust	
Volume (per year):	2,500.0 Cords	300.0 tons	

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	slabs & edgings	sawdust
Cost (per ton):		
Source of Fuel:	on-site	on-site
Hard or Soft Wood:	hardwood	hardwood ash
Avg. Moisture Content % (WB):	25	30

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: slabs, edgings, dust
Volume Used for Energy: 4 tons/year
Volume Disposed of: 100 tons/year
Are Wood Wastes Presently Sold for Fuel? Y
Would the Company like to sell wastes in the future? Y

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	cart/fork truck	
Storage	outside pile	
Handling	pneumatic blower	
Screening/Drying	none	
Combustion	wood boiler	Dillon
Air Emissions	none	
Ash Disposal	own dumpsite	
Cogeneration	none	

OPERATION AND MAINTENANCE

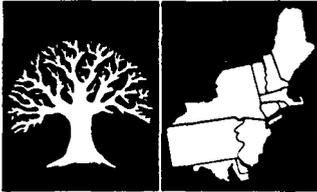
Began Using Wood In: JAN 1 30
Portion of Total Operating Time for Downtimes: 30%

COSTS

Total Equipment Costs: \$ Other Fuel Costs: \$
Funding Sources: Wood Fuel Costs: \$

COMMENTS:

Had problems with tube leakage in boiler.
Water treatment cost a problem. All fuel is a byproduct of production.



VT State Capitol Complex
 2 Western Avenue
 Montpelier, VT 05602
 802-828-3314

CONTACT PERSON: Herbert O'Brien TITLE: Engineer # Of Employees:
 Company Description: Public Facility

AVERAGE PLANT OUTPUT

Heat (million Btus/hr): 10.0
 Steam 10,000 pounds/hr at 80 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Wood Chips	#6 Oil	
Volume (per year):	3,000.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	residue chips	N/A
Cost (per ton):	25.00	
Source of Fuel:	local mills	
Hard or Soft Wood:		
Avg. Moisture Content % (WB):	40	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: N/A
 Volume Used for Energy: tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel?
 Would the Company like to sell wastes in the future?

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	tractor trailers	
Storage	inside storage	
Handling	screw auger to blwr	
Screening/Drying	none	
Combustion	overfeed boiler	Industrial Boiler
Air Emissions	cyclone separator	Breslove
Ash Disposal	spread on gardens	
Cogeneration	none	

OPERATION AND MAINTENANCE

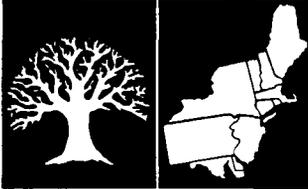
Began Using Wood In: JAN 1 81
 Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$250,000	Other Fuel Costs: \$
Funding Sources: State funding	Wood Fuel Costs: \$75,000.00

COMMENTS:

After one year, the original under-fire feed boiler was replaced with existing over-fire feed boiler. Operations now satisfactory.



Vermont State Hospital
 Main Street
 Waterbury, VT 05676
 802-828-3314

CONTACT PERSON: Herb O'Brien TITLE: Engineer # Of Employees: 200
 Company Description: Hospital/Health Care

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 10.0
 Steam 10,000 pounds/hr at 80 psig

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Wood Chips	# 6 Oil	
Volume (per year):	4,000.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	residue chips	
Cost (per ton):	25.00	
Source of Fuel:	local mills	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):	40	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	tractor trailers	
Storage	agriculture silo	
Handling	belt conveyor	
Screening/Drying	disk sep & shaker	
Combustion	fire tube boiler	Industrial Boiler
Air Emissions	multicyclone coll.	Breslove Inc.
Ash Disposal	barrel	
Cogeneration	none	

OPERATION AND MAINTENANCE

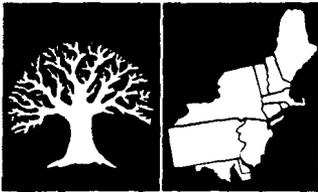
Began Using Wood In: JAN 1 77
 Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$400,000	Other Fuel Costs: \$
Funding Sources: state	Wood Fuel Costs: \$10,000.00

COMMENTS:

Original fluidized bed combustor was replaced after 7 years with an overfired boiler. The operation is now satisfactory.



Vermont Wood Industries
 Box 293, Maple & Pine
 Bristol, VT 05443
 802-453-5035

CONTACT PERSON: Gordon Wines TITLE: Manager # Of Employees:
 Company Description: Wood Related Industry

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr):

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Sawdust		
Volume (per year):	20,000.0 C.F.		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	Sawdust	
Cost (per ton):		
Source of Fuel:	On site	
Hard or Soft Wood:	Hard	
Avg. Moisture Content % (WB):	10	

FIRMS THAT PRODUCE WOOD WASTE

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery		
Storage	Tower metal bin	
Handling	Auger	
Screening/Drying		
Combustion	Hot Water	Vyncke
Air Emissions		
Ash Disposal	None produced	
Cogeneration		

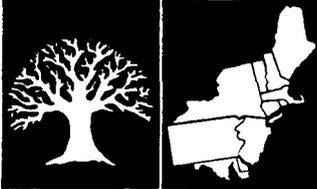
OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 84
 Portion of Total Operating Time for Downtimes: 0%

COSTS

Total Equipment Costs: \$	Other Fuel Costs: \$
Funding Sources:	Wood Fuel Costs: \$

COMMENTS:



Weston Priory
RR 1, Box 50
Weston, VT 05161
802-824-5409

CONTACT PERSON: Bro. Augustine TITLE: # Of Employees: 12
Company Description: School/College/University

AVERAGE PLANT OUTPUT
Heat (million Btus/hr): 1.0

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Wood Chips		
Volume (per year):	175.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	whole tree chips	N/A
Cost (per ton):		
Source of Fuel:	On site	
Hard or Soft Wood:	both	
Avg. Moisture Content % (WB):	30	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: N/A
Volume Used for Energy: 175 tons/year
Volume Disposed of: tons/year
Are Wood Wastes Presently Sold for Fuel?
Would the Company like to sell wastes in the future?

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	onsite tree farm	
Storage	indoor bin	
Handling	belt conveyor, screw	
Screening/Drying	air and solar	
Combustion	pkg furnace	Conifer #24-S
Air Emissions	none	
Ash Disposal	manual	
Cogeneration	none	

OPERATION AND MAINTENANCE

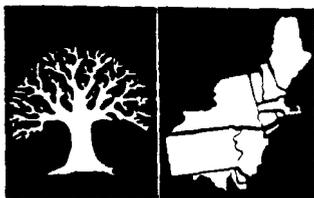
Began Using Wood In: JAN 1 83
Portion of Total Operating Time for Downtimes: 10%

COSTS

Total Equipment Costs: \$75,000 Other Fuel Costs: \$
Funding Sources: internal Wood Fuel Costs: \$

COMMENTS:

Very satisfied with system. Recommends using good quality equipment for chip handling systems.



Whimsicality, Inc.
 RD 2
 Barre, VT 05641
 802-479-1009

CONTACT PERSON: Pierre Coucher TITLE: owner # Of Employees: 20
 Company Description: Non-Wood Related Industry

AVERAGE PLANT OUTPUT
 Heat (million Btus/hr): 0.2

COGENERATION

FUEL USE	FUEL #1	FUEL #2	FUEL #3
Fuel Type:	Pellets		
Volume (per year):	9.0 Tons		

WOODFUEL USE	WOODFUEL #1	WOODFUEL #2
Fuel Type:	Pellets	N/A
Cost (per ton):	110.00	
Source of Fuel:	retailer	
Hard or Soft Wood:	mixed	
Avg. Moisture Content % (WB):	7	

FIRMS THAT PRODUCE WOOD WASTE

Type of Wood Wastes Produced: N/A
 Volume Used for Energy: tons/year
 Volume Disposed of: tons/year
 Are Wood Wastes Presently Sold for Fuel?
 Would the Company like to sell wastes in the future?

EQUIPMENT DESCRIPTION	TYPE	MANUFACTURER
Delivery	tractor trailer	
Storage	inside bin	
Handling	screw augers	
Screening/Drying	none	
Combustion	pkg boiler	Boston Boiler Works
Air Emissions	none	
Ash Disposal	manual	
Cogeneration	none	

OPERATION AND MAINTENANCE

Began Using Wood In: JAN 1 82
 Portion of Total Operating Time for Downtimes: 5%

COSTS

Total Equipment Costs: \$	Other Fuel Costs: \$
Funding Sources: Internal funds	Wood Fuel Costs: \$990.00

COMMENTS:

Very satisfied. Has made some adjustments to the fuel feeding systems.

Section Four:

**Indices of Wood-Fired Facilities
with Detailed Descriptions**

INDEX A: WOOD-FIRED FACILITIES BY STATE
LONG FORMS ONLY

State	Wood-Fired Facilities by State		Page	
CT	Hitchcock Chair Company	New Hartford	85.0	
	Hull Forest Products	Pomfret Center	86.0	
	Wm. Pinchbeck Inc.	Guilford	87.0	
MA	Brentwood Furniture Inc.	Haverhill	88.0	
	Cooley Dickinson Hospital	Northampton	89.0	
	Cumington Mfg. Co.	Cumington	90.0	
	Dirth Lumber Home & Center	Orange	91.0	
	E. Norris Browne Co., Inc.	Whitman	92.0	
	Forest Products Assoc.	Greenfield	93.0	
	G & S Mill Inc.	Northborough	94.0	
	Hatheway & Patterson	Mansfield	95.0	
	M.H. Parks Co.	Winchendon	96.0	
	Mohawk Plastics	Turner's Falls	97.0	
	Montgomery Rose Co, Inc.	Hadley	98.0	
	Northfield Mt. Hermon	Northfield	99.0	
	Shelburne Center Greenhouse	Shelburne	100.0	
	St. Joseph's Abbey	Spencer	101.0	
	Tower Hill Farm	Brimfield	102.0	
	Valley Tree Service Inc.	Groveland	103.0	
Williams Per. Gardens	Sherborn	104.0		
MD	E. Correctional Institute	Baltimore	105.0	
	J.V. Wells, Inc.	Sharptown	105.5	
ME	A.R. Lavalley, Inc.	Sanford	106.0	
	Andover Wood Products	Andover	107.0	
	Babcock Ultrapower	1 of 2	W. Enfield	108.0
	Bates College	Lewiston	109.0	
	C. F. Wells Inc.	Buckfield	110.0	
	C.B. Cummings & Sons	1 of 2	Norway	111.0
	C.B. Cummings & Sons	2 of 2	Norway	112.0
	Champion International	Costigan	113.0	
	Colonial Acres Nurs. Home	Lincoln	114.0	
	Diamond Occidental Corp.	Passadumkeag	115.0	
	Dirigo Dowels	New Portland	116.0	
	Dirigo Lumber Co.	Greenville Jct.	117.0	
	Elm Street School	Mechanic Falls	117.5	
	Forster Mfg Co.	1 of 4	Strong	118.0
	Forster Mfg Co.	2 of 4	Wilton	119.0
	Forster Mfg Co.	3 of 4	E. Wilton	120.0
	Forster Mfg Co.	4 of 4	Mattawaumkeg	121.0
	Green Lake Fish Hatchery	Ellsworth	122.0	
	Greenville Steam Company	Greenville Jct	123.0	
Guilford Industries	Guilford	124.0		

State	Wood-Fired Facilities by State		Page	
ME	Hardwood Products Co.		Guilford 125.0	
	Houlton Internat. Corp.		Houlton 126.0	
	J.R. Mains Co.		Bridgton 127.0	
	Jackson Laboratory		Bar Harbor 128.0	
	Least Financing Corporation		Lewiston 129.0	
	Limington Lumber Co.		E. Baldwin 130.0	
	M.S. Hancock, Inc.		Casco 131.0	
	Maine Audubon Society		Falmouth 132.0	
	Moosehead Mfg. Company	1 of 3	Monson 133.0	
	Moosehead Mfg. Company	2 of 3	Monson 134.0	
	Moosehead Mfg. Company	3 of 3	Dover Foxcroft 135.0	
	Natural Res. Cncil of ME		Augusta 136.0	
	Old Town Canoe		Oldtown 137.0	
	Peavey Mfg. Co.		E. Eddington 138.0	
	S.D. Warren Company	1 of 2	Westbrook 139.0	
	Saco Mfg. & Woodworking		Saco 140.0	
	Saunders Brothers	1 of 2	Westbrook 141.0	
	Saunders Brothers	2 of 2	Westbrook 142.0	
	Wheelabrator -formerly Sherman		Sherman Station 143.0	
	Stowell Wood Products		Bryant Pond 144.0	
	The Bare Wood Shop		Bangor 145.0	
	Thomaston Grammar School		Thomaston 146.0	
	Univ. of Maine Farmington		Bangor 147.0	
	Univ. of Maine		Bangor 148.0	
	Univ. of Maine Orono		Orono 149.0	
	U.S. Energy Corporation		Ft. Fairfield 149.5	
	Wilner Wood Products	1 of 2	Norway 150.0	
	Wilner Wood Products	2 of 2	Norway 151.0	
	Winthrop St. Univ. Church		Augusta 152.0	
	Wood Structures		Biddeford 153.0	
	NH	Anthony Galluzzo Corp.		Derry 154.0
		Beebe River Wood Products		Beebe River 155.0
		Bioenergy Corporation		W. Hopkinton 156.0
Blanchflower Lumber			Alstead 157.0	
Brentwood Box Company			Freemont 158.0	
Bridgewater Power Co.			Ashland 159.0	
Brown Street Furniture			Whitefield 159.5	
Dublin School			Dublin 160.0	
Hemphill Power and Light			Georges Mills 160.5	
James River Corp.		1 of 2	Groveton 161.0	
Kearsarge Peg Co., Inc.			Bartlett 162.0	
Keene State College			Keene 163.0	
King Lumber Company			Wentworth 164.0	
Monadnock Forest Products			Jaffrey 165.0	
Murray Farms Greenhouse		1 of 2	Penacook 166.0	
Murray Farms Greenhouse		2 of 2	Penacook 167.0	
NH Flakeboard, Inc.			Antrim 168.0	
Pinetree Resource Systems Inc.		Bethlehem 169.0		

State	Wood-Fired Facilities by State		Page
NH	Pinetree Power-Tamworth	West Ossipee	169.5
	Riley Brothers Lumber	Milford	170.0
	Rochester Shoe Tree	Ashland	171.0
	Soc. for Prot. of NH For.	Concord	172.0
	Souhegan Wood Prods Inc.	Wilton	173.0
	Tillotson Rubber Co Inc.	Dixville Notch	174.0
	Timco, Inc.	Ctr. Barnstead	174.5
	Tommila Brothers, Inc.	Troy	175.0
	Whitefield Power & Light	Whitefield	175.3
	Yield House Whittier Div.	North Conway	175.5
NJ	AFA Pallet Co.	Newark	176.0
	Door-Master Corp.	Old Bridge	177.0
	Excel Wood Products	Lakewood	177.2
	Jersey Millwork	Newark	177.5
	U.S. Components	Berlin	177.7
	Viking Yacht Company	New Gretna	177.9
NY	Acme United Corp.	Seneca Falls	178.0
	Adirondack	Dodgeville	179.0
	Ames Handle Co., Inc.	Unadilla	180.0
	B & B Lumber Co., Inc.	Jamesville	181.0
	Becker Manufacturing Corp.	E. Durham	182.0
	Bernhards Bay Veneer Corp.	Bernhards Bay	182.5
	Binghamton Psych. Center	Binghamton	183.0
	Bohrer Lumber Co.	Lafayette	184.0
	C.B. Norton & Son, Inc.	Great Valley	185.0
	Camp Gabriels Corr. Fac.	Gabriels	185.5
	Carlson Wood Products	Sinclairville	186.0
	Chimney Mtn. Craftsmen Inc.	Indian Lake	187.0
	Clarkson University	Potsdam	188.0
	Colgate University	Hamilton	189.0
	Altoona Correctional Fac.	Altoona	190.0
	Cortland Wood Products	Cortland	191.0
	Cotton-Hanlon	Cayuta	192.0
	Crawford Furniture	Jamestown	193.0
	Curtis Lumber	Ballston Spa	194.0
	Cyganovich and Andrews	Owego	194.5
	Donver Inc.	Killbuck	195.0
	Ethan Allen	Boonville	196.0
	Ethan Allen	Frewsburg	197.0
	Fancher Furniture Co.	Salamanca	198.0
	Finch Pruyn & Co.	Glens Falls	199.0
	Finch Pruyn & Co.	Glens Falls	200.0
	Frontier Lumber	Buffalo	201.0
	Gold Medal Ladder	Newark Valley	202.0
Gowanda Psych. Center	Helmuth	203.0	

State	Wood-Fired Facilities by State		Page
NY	Gunlocke Company	1 of 2	Wayland 204.0
	Gutchess Lumber Co.		Cortland 205.0
	Hallagan Mfg. Co. Inc.		Newark 206.0
	Harden Furniture	1 of 2	McConnellsville 207.0
	Harden Furniture	2 of 2	McConnellsville 208.0
	Heuvelton Whey Co. Inc.		Heuvelton 208.5
	Howland Bros Co. Inc.		Berkshire 209.0
	Hunt Country Furniture		Wingdale 210.0
	International Paper Co.	4 of 4	Ticonderoga 210.5
	Jamestown Plywood	1 of 2	Jamestown 211.0
	Jamestown Plywood	2 of 2	Jamestown 212.0
	Jamestown Sterling		Jamestown 213.0
	Joseph C. Klein, Inc.		Schenectady 214.0
	KSI Building Products		Cobleskill 215.0
	Kittinger Company		Buffalo 216.0
	L. & J.G. Stickley, Inc.		Manlius 217.0
	Lewis Mill		Beaver Falls 217.5
	Library Bureau Division		Herkimer 218.0
	Lyons Falls Pulp		Lyons Falls 219.0
	Margaretville Mem. Hosp.		Margaretville 220.0
	Marsellus Casket Co.		Syracuse 221.0
	Mt. McGregor Corr. Facil.		Wilton 222.0
	N. Hudson Woodcraft Corp.		Dolgeville 223.0
	Odessa Montour Central		Odessa 224.0
	Proctor & Gamble		Staten Island 225.0
	Pulaski Wood Co., Inc.		Smyrna 226.0
	Randolph Dimension Corp.		Randolph 227.0
	Remington Arms Co.	1 of 2	Ilion 228.0
	Remington Arms Co.	2 of 2	Ilion 229.0
	Reynolds Metal Company		Massena 229.5
	SUNY- Binghamton	1 of 2	Binghamton 230.0
	SUNY- Binghamton	2 of 2	Binghamton 231.0
	St. Bonaventure Univ.		Allegany 232.0
	Stakmore Co., Inc.		Oswego 233.0
	Tupper Lake Veneer Corp.		Tupper Lake 234.0
	Una Laminated Products		Sidney 235.0
	Union-National, Inc.		Jamestown 236.0
	Vochamp Lumber-Dry Kiln		Medina 237.0
	W.J. Cowee, Inc.	1 of 3	Berlin 238.0
	W.J. Cowee, Inc.	2 of 3	Berlin 239.0
	W.J. Cowee, Inc.	3 of 3	Berlin 240.0
W.W. Babcock Co.		Bath 241.0	
Whitesville Wood Products		Whitesville 242.0	
PA	Appleton Papers		Roaring Spring 243.0
	Bradford Hospital		Bradford 244.0
	H.P. McGinley Inc.		McAlisterville 245.0
	Kane Hardwood Company		Kane 246.0
	Masonite Corp.		Towanda 247.0

State	Wood-Fired Facilities by State		Page
PA	Mastercraft Specialties	Red Lion	248.0
	Pennsylvania House	Lewisburg	249.0
	RAD Woodwork Co. Inc.	Nescopeck	250.0
	Sensenich Corp.	Lancaster	251.0
	Walter H. Weaver Sons Inc.	Lebanon	252.0
	Wood Mode Cabinetry	Kreamer	253.0
VT	Ames Electric	Newport	254.0
	Basketville Inc.	Putney	255.0
	Bell Gates Lumber Corp.	Jeffersonville	256.0
	Bostwick Farm	Shelburne	257.0
	Branchwood Inc.	Randolph	258.0
	Brattleboro Dry Kiln	Brattleboro	259.0
	Burlington Electric Dept.	Burlington	260.0
	Calais Elementary School	Calais	260.5
	Cantwell Greenhouses	Plainfield	260.7
	Columbia Forest Products	1 of 2 Newport	261.0
	Decker Energy International	E. Ryegate	262.0
	Ethan Allen Inc.	3 of 6 Beecher Falls	263.0
	Ethan Allen Inc.	4 of 6 Beecher Falls	264.0
	Flood Brook Union School	Londonderry	265.0
	Georgia Pacific Corp.	1 of 2 Gilman	266.0
	Green Mountain Log Homes	Chester	266.3
	Green Mountain Pellet Inc.	Burlington	266.7
	Haynes Brothers, Inc.	Wilmington	267.0
	Lyndon Woodworking, Inc.	Lyndon	267.3
	Manchester Wood	Manchester	267.7
	Marty Moore Greenhouses	Bennington	268.0
	Montpelier H'way Garage	Montpelier	269.0
	North Country Union H.S.	Newport	270.0
	Northland Products, Inc.	Richford	270.5
	Peoples Academy	Morrisville	271.0
	Roadside Marine	Williston	271.5
	Spate's Business Complex	Newport	272.0
	St. Francis Xavier School	Winooski	273.0
	St. Johnsbury Corr. Center	St. Johnsbury	274.0
	Trading Post	Montpelier	275.0
	True Temper Corp.	1 of 2 St. Johnsbury	276.0
	VT State Capitol Complex	Montpelier	277.0
	Vermont State Hospital	Waterbury	278.0
	Vermont Wood Industries	Bristol	278.5
Weston Priory	Weston	279.0	
Whimsicality, Inc.	Barre	280.0	

INDEX B: WOOD-FIRED FACILITIES BY INDUSTRY TYPE

State	Index for Wood Related Industries		Page	
CT	Hitchcock Chair Company	New Hartford	85.0	
	Hull Forest Products	Pomfret Center	86.0	
MA	Brentwood Furniture Inc.	Haverhill	88.0	
	Cummington Mfg. Co.	Cummington	90.0	
	Dirth Lumber Home & Center	Orange	91.0	
	E. Norris Browne Co., Inc.	Whitman	92.0	
	Forest Products Assoc.	Greenfield	93.0	
	G & S Mill Inc.	Northborough	94.0	
	Hatheway & Patterson	Mansfield	95.0	
	M.H. Parks Co.	Winchendon	96.0	
	Valley Tree Service Inc.	Groveland	103.0	
MD	J.V. Wells, Inc.	Sharptown	105.5	
ME	A.R. Lavalley, Inc.	Sanford	106.0	
	Andover Wood Products	Andover	107.0	
	C. F. Wells Inc.	Buckfield	110.0	
	C.B. Cummings & Sons	1 of 2	Norway	111.0
	C.B. Cummings & Sons	2 of 2	Norway	112.0
	Champion International	Costigan	113.0	
	Diamond Occidental Corp.	Passadumkeag	115.0	
	Dirigo Dowels	New Portland	116.0	
	Dirigo Lumber Co.	Greenville Jct.	117.0	
	Forster Mfg Co.	1 of 4	Strong	118.0
	Forster Mfg Co.	2 of 4	Wilton	119.0
	Forster Mfg Co.	3 of 4	E. Wilton	120.0
	Forster Mfg Co.	4 of 4	Mattawaumkeg	121.0
	Hardwood Products Co.	Guilford	125.0	
	Houlton Internat. Corp.	Houlton	126.0	
	J.R. Mains Co.	Bridgton	127.0	
	Limington Lumber Co.	E. Baldwin	130.0	
	M.S. Hancock, Inc.	Casco	131.0	
	Moosehead Mfg. Company	1 of 3	Monson	133.0
	Moosehead Mfg. Company	2 of 3	Monson	134.0
	Moosehead Mfg. Company	3 of 3	Dover Foxcroft	135.0
	Peavey Mfg. Co.	E. Eddington	138.0	
	S.D. Warren Company	1 of 2	Westbrook	139.0
	Saco Mfg. & Woodworking	Saco	140.0	
	Saunders Brothers	1 of 2	Westbrook	141.0
	Saunders Brothers	2 of 2	Westbrook	142.0
	Wheelabrator -formerly Sherman	Sherman Station	143.0	
Stowell Wood Products	Bryant Pond	144.0		
The Bare Wood Shop	Bangor	145.0		
Wilner Wood Products	1 of 2	Norway	150.0	

State	Index for Wood Related Industries		Page
ME	Wilner Wood Products	2 of 2	Norway 151.0
	Wood Structures		Biddeford 153.0
NH	Anthony Galluzzo Corp.		Derry 154.0
	Beebe River Wood Products		Beebe River 155.0
	Blanchflower Lumber		Alstead 157.0
	Brentwood Box Company		Freemont 158.0
	Brown Street Furniture		Whitefield 159.5
	James River Corp.	1 of 2	Groveton 161.0
	Kearsarge Peg Co., Inc.		Bartlett 162.0
	King Lumber Company		Wentworth 164.0
	Monadnock Forest Products		Jaffrey 165.0
	NH Flakeboard, Inc.		Antrim 168.0
	Riley Brothers Lumber		Milford 170.0
	Rochester Shoe Tree		Ashland 171.0
	Souhegan Wood Prods Inc.		Wilton 173.0
	Timco, Inc.		Ctr. Barnstead 174.5
	Tommila Brothers, Inc.		Troy 175.0
	Yield House Whittier Div.		North Conway 175.5
NJ	AFA Pallet Co.		Newark 176.0
	Door-Master Corp.		Old Bridge 177.0
	Excel Wood Products		Lakewood 177.2
	Jersey Millwork		Newark 177.5
NY	Acme United Corp.		Seneca Falls 178.0
	Ames Handle Co., Inc.		Unadilla 180.0
	B & B Lumber Co., Inc.		Jamesville 181.0
	Becker Manufacturing Corp.		E. Durham 182.0
	Bernhards Bay Veneer Corp.		Bernards Bay 182.5
	Boohrer Lumber Co.		Lafayette 184.0
	C.B. Norton & Son, Inc.		Great Valley 185.0
	Carlson Wood Products		Sinclairville 186.0
	Chimney Mtn. Craftsmen Inc.		Indian Lake 187.0
	Cortland Wood Products		Cortland 191.0
	Cotton-Hanlon		Cayuta 192.0
	Crawford Furniture		Jamestown 193.0
	Curtis Lumber		Ballston Spa 194.0
	Cyganovich and Andrews		Owego 194.5
	Donver Inc.		Killbuck 195.0
	Ethan Allen	1 of 6	Boonville 196.0
	Ethan Allen	2 of 6	Frewsburg 197.0
	Fancher Furniture Co.		Salamanca 198.0
Finch Pruyn & Co.	2 of 2	Glens Falls 199.0	
Finch Pruyn & Co.	1 of 2	Glens Falls 200.0	

State	Index for Wood Related Industries		Page
NY	Frontier Lumber		Buffalo 201.0
	Gold Medal Ladder		Newark Valley 202.0
	Gunlocke Company	1 of 2	Wayland 204.0
	Gutchess Lumber Co.		Cortland 205.0
	Hallagan Mfg. Co. Inc.		Newark 206.0
	Harden Furniture	1 of 2	McConnellsville 207.0
	Harden Furniture	2 of 2	McConnellsville 208.0
	Howland Bros Co. Inc.		Berkshire 209.0
	Hunt Country Furniture		Wingdale 210.0
	International Paper Co.	4 of 4	Ticonderoga 210.5
	Jamestown Plywood	1 of 2	Jamestown 211.0
	Jamestown Plywood	2 of 2	Jamestown 212.0
	KSI Building Products		Cobleskill 215.0
	Kittinger Company		Buffalo 216.0
	L. & J.G. Stickley, Inc.		Manlius 217.0
	Lewis Mill		Beaver Falls 217.5
	Library Bureau Division		Herkimer 218.0
	Lyons Falls Pulp		Lyons Falls 219.0
	Marsellus Casket Co.		Syracuse 221.0
	N. Hudson Woodcraft Corp.		Dolgeville 223.0
	Pulaski Wood Co., Inc.		Smyrna 226.0
	Randolph Dimension Corp.		Randolph 227.0
	Remington Arms Co.	1 of 2	Ilion 228.0
	Remington Arms Co.	2 of 2	Ilion 229.0
	Stakmore Co., Inc.		Oswego 233.0
	Tupper Lake Veneer Corp.		Tupper Lake 234.0
	Una Laminated Products		Sidney 235.0
	Union-National, Inc.		Jamestown 236.0
	Vochamp Lumber-Dry Kiln		Medina 237.0
	W.J. Cowee, Inc.	1 of 3	Berlin 238.0
	W.J. Cowee, Inc.	2 of 3	Berlin 239.0
	W.J. Cowee, Inc.	3 of 3	Berlin 240.0
	W.W. Babcock Co.		Bath 241.0
Whitesville Wood Products		Whitesville 242.0	
PA	Appleton Papers		Roaring Spring 243.0
	H.P. McGinley Inc.		McAlisterville 245.0
	Kane Hardwood Company		Kane 246.0
	Masonite Corp.		Towanda 247.0
	Mastercraft Specialties		Red Lion 248.0
	Pennsylvania House		Lewisburg 249.0
	RAD Woodwork Co. Inc.		Nescopeck 250.0
	Sensenich Corp.		Lancaster 251.0
	Walter H. Weaver Sons Inc.		Lebanon 252.0
	Wood Mode Cabinetry		Kreamer 253.0
VT	Basketville Inc.		Putney 255.0

State	Index for Wood Related Industries		Page
VT	Bell Gates Lumber Corp.		Jeffersonville 256.0
	Branchwood Inc.		Randolph 258.0
	Brattleboro Dry Kiln		Brattleboro 259.0
	Columbia Forest Products	1 of 2	Newport 261.0
	Ethan Allen Inc.	3 of 6	Beecher Falls 263.0
	Ethan Allen Inc.	4 of 6	Beecher Falls 264.0
	Georgia Pacific Corp.	1 of 2	Gilman 266.0
	Green Mountain Log Homes		Chester 266.3
	Green Mountain Pellet Inc.		Burlington 266.7
	Haynes Brothers, Inc.		Wilmington 267.0
	Lyndon Woodworking, Inc.		Lyndon 267.3
	Manchester Wood		Manchester 267.7
	Northland Products, Inc.		Richford 270.5
	True Temper Corp.	1 of 2	St. Johnsbury 276.0
	Vermont Wood Industries		Bristol 278.5

State	Index for Non-Wood Related Industries		Page
MA	Mohawk Plastics	Turner's Falls	97.0
ME	Green Lake Fish Hatchery	Ellsworth	122.0
	Guilford Industries	Guilford	124.0
	Old Town Canoe	Oldtown	137.0
NH	Tillotson Rubber Co Inc.	Dixville Notch	174.0
NJ	Viking Yacht Company	New Gretna	177.9
NY	Heuvelton Whey Co. Inc.	Heuvelton	208.5
	Jamestown Sterling	Jamestown	213.0
	Proctor & Gamble	Staten Island	225.0
	Reynolds Metal Company	Massena	229.5
VT	Ames Electric	Newport	254.0
	Bostwick Farm	Shelburne	257.0
	Cantwell Greenhouses	Plainfield	260.7
	Spate's Business Complex	Newport	272.0
	Trading Post	Montpelier	275.0
	Whimsicality, Inc.	Barre	280.0

State	Index for School/College/Universities		Page	
MA	Northfield Mt. Hermon	Northfield	99.0	
	St. Joseph's Abbey	Spencer	101.0	
ME	Bates College	Lewiston	109.0	
	Elm Street School	Mechanic Falls	117.5	
	Thomaston Grammar School	Thomaston	146.0	
	Univ. of Maine Farmington	Bangor	147.0	
	Univ. of Maine	Bangor	148.0	
	Univ. of Maine Orono	Orono	149.0	
NH	Dublin School	Dublin	160.0	
	Keene State College	Keene	163.0	
NY	Binghamton Psych. Center	Binghamton	183.0	
	Clarkson University	Potsdam	188.0	
	Colgate University	Hamilton	189.0	
	Odessa Montour Central	Odessa	224.0	
	SUNY- Binghamton	1 of 2	Binghamton	230.0
	SUNY- Binghamton	2 of 2	Binghamton	231.0
	St. Bonaventure Univ.	Allegany	232.0	
VT	Calais Elementary School	Calais	260.5	
	Flood Brook Union School	Londonderry	265.0	
	North Country Union H.S.	Newport	270.0	
	Peoples Academy	Morrisville	271.0	
	St. Francis Xavier School	Winooski	273.0	

State	Index for Hospital/Health Care Industries		Page
MA	Cooley Dickinson Hospital	Northampton	89.0
ME	Colonial Acres Nurs. Home	Lincoln	114.0
	Jackson Laboratory	Bar Harbor	128.0
NY	Gowanda Psych. Center	Helmuth	203.0
	Margaretville Mem. Hosp.	Margaretville	220.0
PA	Bradford Hospital	Bradford	244.0
VT	Vermont State Hospital	Waterbury	278.0

State	Index for Greenhouse/Nurseries		Page
CT	Wm. Pinchbeck Inc.		Guilford 87.0
MA	Montgomery Rose Co, Inc.		Hadley 98.0
	Shelburne Center Greenhouse		Shelburne 100.0
	Tower Hill Farm		Brimfield 102.0
	Williams Per. Gardens		Sherborn 104.0
NH	Murray Farms Greenhouse	1 of 2	Penacook 166.0
	Murray Farms Greenhouse	2 of 2	Penacook 167.0
VT	Marty Moore Greenhouses		Bennington 268.0

State	Index for Public Facilities		Page
ME	Winthrop St. Univ. Church	Augusta	152.0
NY	Camp Gabriels Corr. Fac.	Gabriels	185.5
	Altoona Correctional Fac.	Altoona	190.0
	Mt. McGregor Corr. Facil.	Wilton	222.0
VT	Montpelier H'way Garage	Montpelier	269.0
	St. Johnsbury Corr. Center	St. Johnsbury	274.0
	VT State Capitol Complex	Montpelier	277.0

State	Index for Public/Private Utilities		Page	
MD	E. Correctional Institute	Baltimore	105.0	
ME	Babcock Ultrapower	1 of 2	W. Enfield	108.0
	Greenville Steam Company		Greenville Jct	123.0
	Least Financing Corporation		Lewiston	129.0
NH	Bioenergy Corporation		W. Hopkinton	156.0
	Bridgewater Power Co.		Ashland	159.0
	Hemphill Power and Light		Georges Mills	160.5
	Pinetree Resource Systems Inc.		Bethlehem	169.0
	Pinetree Power-Tamworth		West Ossipee	169.5
VT	Burlington Electric Dept.		Burlington	260.0
	Decker Energy International		E. Ryegate	262.0

State	Index for Other Industries		Page
ME	Maine Audubon Society	Falmouth	132.0
	Natural Res. Cncil of ME	Augusta	136.0
NH	Soc. for Prot. of NH For.	Concord	172.0
NJ	U.S. Components	Berlin	177.7
NY	Adirondack	Dodgeville	179.0
	Joseph C. Klein, Inc.	Schenectady	214.0
VT	Roadside Marine	Williston	271.5

INDEX C: WOOD-FIRED FACILITIES BY TOTAL HEATING PLANT OUTPUT

State	Facilities Producing less than 1 Million BTUs/Hr		MMBTU	Page
MA	Williams Per. Gardens	Sherborn	0.5	104.0
ME	Colonial Acres Nurs. Home	Lincoln	0.8	114.0
	Maine Audubon Society	Falmouth	0.2	132.0
	The Bare Wood Shop	Bangor	0.4	145.0
NH	Brentwood Box Company	Freemont	0.7	158.0
	Soc. for Prot. of NH For.	Concord	0.2	172.0
NY	Ames Handle Co., Inc.	Unadilla	0.2	180.0
VT	Ames Electric	Newport	0.8	254.0
	Calais Elementary School	Calais	0.5	260.5
	Montpelier H'way Garage	Montpelier	0.2	269.0
	Whimsicality, Inc.	Barre	0.2	280.0

State	Facilities Producing 1 TO 9 Million BTUs/Hr		MMBTU	Page	
CT	Hitchcock Chair Company		New Hartford	9.0	85.0
	Hull Forest Products		Pomfret Center	4.1	86.0
MA	Dirth Lumber Home & Center		Orange	1.0	91.0
	E. Norris Browne Co., Inc.		Whitman	2.0	92.0
	Forest Products Assoc.		Greenfield	3.3	93.0
	G & S Mill Inc.		Northborough	1.0	94.0
	Hatheway & Patterson		Mansfield	2.0	95.0
	M.H. Parks Co.		Winchendon	2.9	96.0
	Shelburne Center Greenhouse		Shelburne	2.0	100.0
	St. Joseph's Abbey		Spencer	8.0	101.0
	Tower Hill Farm		Brimfield	2.0	102.0
	Valley Tree Service Inc.		Groveland	1.0	103.0
ME	Andover Wood Products		Andover	7.5	107.0
	C. F. Wells Inc.		Buckfield	1.7	110.0
	Diamond Occidental Corp.		Passadumkeag	6.0	115.0
	Elm Street School		Mechanic Falls	6.4	117.5
	Forster Mfg Co.	2 of 4	Wilton	5.0	119.0
	Forster Mfg Co.	3 of 4	E. Wilton	8.0	120.0
	Hardwood Products Co.		Guilford	5.0	125.0
	J.R. Mains Co.		Bridgton	2.0	127.0
	Limington Lumber Co.		E. Baldwin	2.5	130.0
	M.S. Hancock, Inc.		Casco	6.7	131.0
	Moosehead Mfg. Company	1 of 3	Monson	5.0	133.0
	Moosehead Mfg. Company	2 of 3	Monson	2.5	134.0
	Natural Res. Cncil of ME		Augusta	1.5	136.0
	Peavey Mfg. Co.		E. Eddington	1.0	138.0
	Saunders Brothers	1 of 2	Westbrook	4.0	141.0
	Thomaston Grammar School		Thomaston	1.5	146.0
	Univ. of Maine Farmington		Bangor	3.0	147.0
	Univ. of Maine		Bangor	1.0	148.0
	Univ. of Maine Orono		Orono	1.0	149.0
	Winthrop St. Univ. Church		Augusta	1.0	152.0
Wood Structures		Biddeford	2.0	153.0	
NH	Anthony Galluzzo Corp.		Derry	2.5	154.0
	Beebe River Wood Products		Beebe River	4.0	155.0
	Blanchflower Lumber		Alstead	2.2	157.0
	Brown Street Furniture		Whitefield	3.6	159.5
	Kearsarge Peg Co., Inc.		Bartlett	2.5	162.0
	King Lumber Company		Wentworth	4.3	164.0
	Monadnock Forest Products		Jaffrey	6.0	165.0
	Murray Farms Greenhouse	1 of 2	Penacook	1.0	166.0
	Murray Farms Greenhouse	2 of 2	Penacook	1.0	167.0
	NH Flakeboard, Inc.		Antrim	1.5	168.0
	Riley Brothers Lumber		Milford	1.5	170.0
	Rochester Shoe Tree		Ashland	3.4	171.0
Tommila Brothers, Inc.		Troy	6.0	175.0	

State	Facilities Producing 1 TO 9 Million BTUs/Hr		MMBTU	Page
NH	Yield House Whittier Div.	North Conway	6.0	175.5
NJ	AFA Pallet Co.	Newark	2.0	176.0
	Jersey Millwork	Newark	2.0	177.5
	U.S. Components	Berlin	1.0	177.7
	Viking Yacht Company	New Gretna	6.0	177.9
NY	Acme United Corp.	Seneca Falls	4.0	178.0
	Adirondack	Dodgeville	2.0	179.0
	B & B Lumber Co., Inc.	Jamesville	6.0	181.0
	Becker Manufacturing Corp.	E. Durham	6.0	182.0
	Boohrer Lumber Co.	Lafayette	4.0	184.0
	C.B. Norton & Son, Inc.	Great Valley	4.0	185.0
	Carlson Wood Products	Sinclairville	5.0	186.0
	Chimney Mtn. Craftsmen Inc.	Indian Lake	2.5	187.0
	Altoona Correctional Fac.	Altoona	5.8	190.0
	Crawford Furniture	Jamestown	6.0	193.0
	Curtis Lumber	Ballston Spa	8.2	194.0
	Cyganovich and Andrews	Owego	3.3	194.5
	Donver Inc.	Killbuck	6.6	195.0
	Fancher Furniture Co.	Salamanca	6.0	198.0
	Frontier Lumber	Buffalo	4.0	201.0
	Gold Medal Ladder	Newark Valley	2.6	202.0
	Gutchess Lumber Co.	Cortland	2.0	205.0
	Hallagan Mfg. Co. Inc.	Newark	5.0	206.0
	Howland Bros Co. Inc.	Berkshire	3.2	209.0
	Hunt Country Furniture	Wingdale	8.0	210.0
	Jamestown Plywood	Jamestown	8.0	211.0
	Jamestown Plywood	Jamestown	8.0	212.0
	Jamestown Sterling	Jamestown	9.0	213.0
	KSI Building Products	Cobleskill	5.0	215.0
	Kittinger Company	Buffalo	5.2	216.0
	L. & J.G. Stickley, Inc.	Manlius	5.7	217.0
	Margaretville Mem. Hosp.	Margaretville	4.0	220.0
	Marsellus Casket Co.	Syracuse	6.0	221.0
	N. Hudson Woodcraft Corp.	Dolgeville	5.2	223.0
	Odessa Montour Central	Odessa	5.0	224.0
	Randolph Dimension Corp.	Randolph	2.0	227.0
	Stakmore Co., Inc.	Oswego	5.0	233.0
Una Laminated Products	Sidney	8.0	235.0	
Union-National, Inc.	Jamestown	4.0	236.0	
Vochamp Lumber-Dry Kiln	Medina	4.2	237.0	
Whitesville Wood Products	Whitesville	3.0	242.0	
PA	Mastercraft Specialties	Red Lion	3.0	248.0
	RAD Woodwork Co. Inc.	Nescopeck	5.2	250.0

State	Facilities Producing 1 TO 9 Million BTUs/Hr		MMBTU	Page	
VT	Basketville Inc.		Putney	4.2	255.0
	Bell Gates Lumber Corp.		Jeffersonville	5.2	256.0
	Bostwick Farm		Shelburne	2.1	257.0
	Brattleboro Dry Kiln		Brattleboro	8.0	259.0
	Cantwell Greenhouses		Plainfield	1.0	260.7
	Columbia Forest Products	1 of 2	Newport	8.0	261.0
	Flood Brook Union School		Londonderry	1.0	265.0
	Marty Moore Greenhouses		Bennington	3.4	268.0
	North Country Union H.S.		Newport	3.0	270.0
	Northland Products, Inc.		Richford	1.5	270.5
	Peoples Academy		Morrisville	2.3	271.0
	Roadside Marine		Williston	1.5	271.5
	Spate's Business Complex		Newport	3.0	272.0
	St. Francis Xavier School		Winooski	1.0	273.0
	St. Johnsbury Corr. Center		St. Johnsbury	2.0	274.0
	Trading Post		Montpelier	1.0	275.0
	True Temper Corp.	1 of 2	St. Johnsbury	4.2	276.0
	Weston Priory		Weston	1.0	279.0

State	Facilities Producing 10 TO 49 Million BTUs/Hr		MMBTU	Page	
CT	Wm. Pinchbeck Inc.		Guilford	10.0	87.0
MA	Brentwood Furniture Inc.		Haverhill	13.8	88.0
	Cooley Dickinson Hospital		Northampton	20.0	89.0
	Mohawk Plastics		Turner's Falls	15.0	97.0
	Montgomery Rose Co, Inc.		Hadley	48.0	98.0
	Northfield Mt. Hermon		Northfield	12.0	99.0
MD	J.V. Wells, Inc.		Sharptown	24.0	105.5
ME	A.R. Lavalley, Inc.		Sanford	24.0	106.0
	C.B. Cummings & Sons	1 of 2	Norway	11.0	111.0
	C.B. Cummings & Sons	2 of 2	Norway	11.0	112.0
	Champion International		Costigan	36.0	113.0
	Dirigo Dowels		New Portland	13.0	116.0
	Dirigo Lumber Co.		Greenville Jct.	23.0	117.0
	Forster Mfg Co.	1 of 4	Strong	25.0	118.0
	Forster Mfg Co.	4 of 4	Mattawaumkeg	40.0	121.0
	Guilford Industries		Guilford	33.5	124.0
	Houlton Internat. Corp.		Houlton	10.0	126.0
	Jackson Laboratory		Bar Harbor	27.0	128.0
	Old Town Canoe		Oldtown	10.0	137.0
	Saunders Brothers	2 of 2	Westbrook	11.0	142.0
	Wilner Wood Products	1 of 2	Norway	10.0	150.0
	Wilner Wood Products	2 of 2	Norway	32.0	151.0
NH	Keene State College		Keene	14.0	163.0
	Tillotson Rubber Co Inc.		Dixville Notch	30.0	174.0
NJ	Excel Wood Products		Lakewood	13.0	177.2
NY	Bernhards Bay Veneer Corp.		Bernhards Bay	20.0	182.5
	Binghamton Psych. Center		Binghamton	13.8	183.0
	Clarkson University		Potsdam	10.0	188.0
	Colgate University		Hamilton	25.0	189.0
	Cortland Wood Products		Cortland	15.0	191.0
	Cotton-Hanlon		Cayuta	12.0	192.0
	Ethan Allen	1 of 6	Boonville	25.0	196.0
	Ethan Allen	2 of 6	Frewsburg	13.0	197.0
	Finch Pruyn & Co.	1 of 2	Glens Falls	14.0	200.0
	Gowanda Psych. Center		Helmuth	30.0	203.0
	Gunlocke Company	1 of 2	Wayland	21.0	204.0
	Harden Furniture	1 of 2	McConnellsville	25.0	207.0

State	Facilities Producing 10 TO 49 Million BTUs/Hr		MMBTU	Page	
NY	Harden Furniture	2 of 2	McConnellsville	15.0	208.0
	Joseph C. Klein, Inc.		Schenectady	11.0	214.0
	Lewis Mill		Beaver Falls	46.9	217.5
	Library Bureau Division		Herkimer	20.7	218.0
	Mt. McGregor Corr. Facil.		Wilton	37.0	222.0
	Pulaski Wood Co., Inc.		Smyrna	10.0	226.0
	Remington Arms Co.	1 of 2	Ilion	43.0	228.0
	Remington Arms Co.	2 of 2	Ilion	37.0	229.0
	Reynolds Metal Company		Massena	40.0	229.5
	St. Bonaventure Univ.		Allegany	25.0	232.0
	Tupper Lake Veneer Corp.		Tupper Lake	14.0	234.0
	W.J. Cowee, Inc.	1 of 3	Berlin	14.0	238.0
	W.J. Cowee, Inc.	2 of 3	Berlin	14.0	239.0
	PA	Bradford Hospital		Bradford	20.7
Kane Hardwood Company			Kane	25.0	246.0
Pennsylvania House			Lewisburg	30.0	249.0
Walter H. Weaver Sons Inc.			Lebanon	30.0	252.0
VT	Branchwood Inc.		Randolph	17.2	258.0
	Ethan Allen Inc.	3 of 6	Beecher Falls	27.0	263.0
	Ethan Allen Inc.	4 of 6	Beecher Falls	38.0	264.0
	Haynes Brothers, Inc.		Wilmington	12.1	267.0
	VT State Capitol Complex		Montpelier	10.0	277.0
	Vermont State Hospital		Waterbury	10.0	278.0

State	Facilities Producing 50 TO 99 Million BTUs/Hr		MMBTU	Page	
MD	E. Correctional Institute		Baltimore	50.0	105.0
ME	Babcock Ultrapower	1 of 2	W. Enfield	83.6	108.0
	Greenville Steam Company		Greenville Jct	52.9	123.0
	Least Financing Corporation		Lewiston	80.0	129.0
	Wheelabrator -formerly Sherman		Sherman Station	62.0	143.0
NH	Timco, Inc.		Ctr. Barnstead	90.0	174.5
NY	SUNY- Binghamton	1 of 2	Binghamton	50.0	230.0
	SUNY- Binghamton	2 of 2	Binghamton	50.0	231.0
PA	Masonite Corp.		Towanda	80.0	247.0
VT	Decker Energy International		E. Ryegate	85.0	262.0
	Green Mountain Pellet Inc.		Burlington	66.6	266.7

State	Facilities Producing more than 100 Million BTUs/Hr		MMBTU	Page
ME	Bates College		300.0	109.0
	S.D. Warren Company	1 of 2	650.0	139.0
NH	Bioenergy Corporation		125.0	156.0
	Bridgewater Power Co.		135.0	159.0
	Hemphill Power and Light		130.0	160.5
	James River Corp.	1 of 2	165.0	161.0
	Pinetree Resource Systems Inc.		289.4	169.0
	Pinetree Power-Tamworth		404.0	169.5
	Whitefield Power & Light		220.7	175.3
NY	Finch Pruyn & Co.	2 of 2	210.0	199.0
	International Paper Co.	4 of 4	600.0	210.5
	Lyons Falls Pulp		120.0	219.0
	Proctor & Gamble		240.0	225.0
	W.J. Cowee, Inc.	3 of 3	140.0	240.0
PA	Appleton Papers		240.0	243.0
VT	Burlington Electric Dept.		725.0	260.0
	Georgia Pacific Corp.	1 of 2	100.0	266.0

INDEX D: WOOD-FIRED FACILITIES BY BOILER INSTALLATION DATE

Index of firms Sorted by Boiler Installation Date

Start Date			City	State	Long Form Page
JAN 1 00	C.B. Cummings & Sons	1 of 2	Norway	ME	111.0
	Saunders Brothers	2 of 2	Westbrook	ME	142.0
	Kearsarge Peg Co., Inc.		Bartlett	NH	162.0
	Gold Medal Ladder		Newark Valley	NY	202.0
	Kittinger Company		Buffalo	NY	216.0
DEC 31 00	PH Chadbourne & Co.		Bethel	ME	
JAN 18 12	Saco Mfg. & Woodworking		Saco	ME	140.0
JAN 1 13	C. F. Wells Inc.		Buckfield	ME	110.0
JAN 1 19	Hardwood Products Co.		Guilford	ME	125.0
JAN 1 20	N. Hudson Woodcraft Corp.		Dolgeville	NY	223.0
JAN 1 21	Hallagan Mfg. Co. Inc.		Newark	NY	206.0
JAN 1 22	Union-National, Inc.		Jamestown	NY	236.0
JAN 1 23	Cotton-Hanlon		Cayuta	NY	192.0
JAN 1 25	Houlton Internat. Corp.		Houlton	ME	126.0
	Beebe River Wood Products		Beebe River	NH	155.0
	Howland Bros Co. Inc.		Berkshire	NY	209.0
JAN 1 28	Temple Stuart Co. Inc.		Baldwinville	MA	
	Stowell Wood Products		Bryant Pond	ME	144.0
JAN 1 30	Forster Mfg Co.	4 of 4	Mattawaumkeg	ME	121.0
	Pennsylvania House		Lewisburg	PA	249.0
	True Temper Corp.	1 of 2	St. Johnsbury	VT	276.0
JAN 1 35	Forster Mfg Co.	1 of 4	Strong	ME	118.0
JAN 1 36	Cumington Mfg. Co.		Cumington	MA	90.0
	Andover Wood Products		Andover	ME	107.0
	Branchwood Inc.		Randolph	VT	258.0
JAN 1 39	Old Town Canoe		Oldtown	ME	137.0
JAN 1 40	Yield House Whittier Div.		North Conway	NH	175.5
	Frontier Lumber		Buffalo	NY	201.0
	Sensenich Corp.		Lancaster	PA	251.0
JAN 1 45	Seneca Hardwood Lbr. Co.		Cranberry	PA	
	Wilner Wood Products	1 of 2	Norway	ME	150.0
	Wilner Wood Products	2 of 2	Norway	ME	151.0
	Columbia Forest Products	1 of 2	Newport	VT	261.0
JAN 1 46	Forster Mfg Co.	3 of 4	E. Wilton	ME	120.0
JAN 1 47	Moosehead Mfg. Company	1 of 3	Monson	ME	133.0
	Moosehead Mfg. Company	2 of 3	Monson	ME	134.0
JAN 1 50	Marsellus Casket Co.		Syracuse	NY	221.0
JAN 1 53	Fancher Furniture Co.		Salamanca	NY	198.0
JAN 1 56	Gutchess Lumber Co.		Cortland	NY	205.0
JAN 1 58	Berol U.S.A.		Danbury	CT	
JAN 1 59	Moosehead Mfg. Company	3 of 3	Dover Foxcroft	ME	135.0
JAN 1 60	C.B. Cummings & Sons	2 of 2	Norway	ME	112.0
	Dirigo Dowels		New Portland	ME	116.0
	Saunders Brothers	1 of 2	Westbrook	ME	141.0
JAN 1 62	Boohrer Lumber Co.		Lafayette	NY	184.0
	Donver Inc.		Killbuck	NY	195.0
JAN 1 63	Green Mountain Log Homes		Chester	VT	266.3
JAN 1 65	C.B. Norton & Son, Inc.		Great Valley	NY	185.0
	Cortland Wood Products		Cortland	NY	191.0
	Randolph Dimension Corp.		Randolph	NY	227.0

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Start Date			City	State	Long Form Page
JAN 1 65	Masonite Corp.		Towanda	PA	247.0
	RAD Woodwork Co. Inc.		Nescopeck	PA	250.0
JAN 1 66	Guardsmen		Mays Landing	NJ	
	Brentwood Box Company		Freemont	NH	158.0
JAN 1 68	Wood Mode Cabinetry		Kreamer	PA	253.0
JAN 1 70	MDF Technology, Inc.		Deposit	NY	
	International Paper Co.	4 of 4	Ticonderoga	NY	210.5
	Jamestown Plywood	1 of 2	Jamestown	NY	211.0
	Jamestown Plywood	2 of 2	Jamestown	NY	212.0
JAN 1 71	Acme United Corp.		Seneca Falls	NY	178.0
JAN 1 72	Tupper Lake Veneer Corp.		Tupper Lake	NY	234.0
	Brattleboro Dry Kiln		Brattleboro	VT	259.0
JAN 1 73	Forster Mfg Co.	2 of 4	Wilton	ME	119.0
	W.J. Cowee, Inc.	1 of 3	Berlin	NY	238.0
	W.J. Cowee, Inc.	2 of 3	Berlin	NY	239.0
	W.J. Cowee, Inc.	3 of 3	Berlin	NY	240.0
	Whitesville Wood Products		Whitesville	NY	242.0
JAN 1 74	Champion International		Costigan	ME	113.0
	Diamond Occidental Corp.		Passadumkeag	ME	115.0
	Adirondack		Dodgeville	NY	179.0
	Crawford Furniture		Jamestown	NY	193.0
	Ethan Allen	1 of 6	Boonville	NY	196.0
	Una Laminated Products		Sidney	NY	235.0
	Kane Hardwood Company		Kane	PA	246.0
JAN 1 75	Gunlocke Company	1 of 2	Wayland	NY	204.0
	Jamestown Sterling		Jamestown	NY	213.0
JAN 1 76	Donald Dean & Sons Inc.		Montrose	PA	
	G & S Mill Inc.		Northborough	MA	94.0
	M.H. Parks Co.		Winchendon	MA	96.0
	Guilford Industries		Guilford	ME	124.0
	W.W. Babcock Co.		Bath	NY	241.0
JAN 1 77	Wood Structures		Biddeford	ME	153.0
	Tommila Brothers, Inc.		Troy	NH	175.0
	Pulaski Wood Co., Inc.		Smyrna	NY	226.0
	Appleton Papers		Roaring Spring	PA	243.0
	Georgia Pacific Corp.	1 of 2	Gilman	VT	266.0
	Marty Moore Greenhouses		Bennington	VT	268.0
	Vermont State Hospital		Waterbury	VT	278.0
JAN 1 78	Brentwood Furniture Inc.		Haverhill	MA	88.0
	Montgomery Rose Co, Inc.		Hadley	MA	98.0
	Valley Tree Service Inc.		Groveland	MA	103.0
	J.R. Mains Co.		Bridgton	ME	127.0
	Blanchflower Lumber		Alstead	NH	157.0
	Riley Brothers Lumber		Milford	NH	170.0
	Carlson Wood Products		Sinclairville	NY	186.0
	Curtis Lumber		Ballston Spa	NY	194.0
	Ethan Allen	2 of 6	Frewsburg	NY	197.0
	Finch Pruyn & Co.	2 of 2	Glens Falls	NY	199.0
	Finch Pruyn & Co.	1 of 2	Glens Falls	NY	200.0
	Harden Furniture	1 of 2	McConnellsville	NY	207.0

Index of firms Sorted by Boiler Installation Date

Start Date			City	State	Long Form Page
JAN 1 78	Harden Furniture	2 of 2	McConnellsville	NY	208.0
	Stakmore Co., Inc.		Oswego	NY	233.0
	H.P. McGinley Inc.	3 of 6	McAlisterville	PA	245.0
	Mastercraft Specialties		Red Lion	PA	248.0
Ethan Allen Inc.	Beecher Falls		VT	263.0	
Green Mountain Pellet Inc.	Burlington		VT	266.7	
JAN 1 79	Catskill Craftsmen		Stamford	NY	
	E. Norris Browne Co., Inc.		Whitman	MA	92.0
	Forest Products Assoc.		Greenfield	MA	93.0
	Williams Per. Gardens		Sherborn	MA	104.0
	Rochester Shoe Tree		Ashland	NH	171.0
	Tillotson Rubber Co Inc.		Dixville Notch	NH	174.0
	Binghamton Psych. Center		Binghamton	NY	183.0
	Hunt Country Furniture		Wingdale	NY	210.0
	Vochamp Lumber-Dry Kiln		Medina	NY	237.0
	Walter H. Weaver Sons Inc.		Lebanon	PA	252.0
	Bell Gates Lumber Corp.		Jeffersonville	VT	256.0
	Haynes Brothers, Inc.		Wilmington	VT	267.0
	Lyndon Woodworking, Inc.		Lyndon	VT	267.3
	JAN 1 80	Wm. Pinchbeck Inc.		Guilford	CT
Dirth Lumber Home & Center			Orange	MA	91.0
M.S. Hancock, Inc.			Casco	ME	131.0
Univ. of Maine			Bangor	ME	148.0
Dublin School			Dublin	NH	160.0
Soc. for Prot. of NH For.			Concord	NH	172.0
Lyons Falls Pulp			Lyons Falls	NY	219.0
Margaretville Mem. Hosp.			Margaretville	NY	220.0
Basketville Inc.			Putney	VT	255.0
JAN 1 81		Hitchcock Chair Company		New Hartford	CT
	Northfield Mt. Hermon		Northfield	MA	99.0
	A.R. Lavalley, Inc.		Sanford	ME	106.0
	Dirigo Lumber Co.		Greenville Jct.	ME	117.0
	Limington Lumber Co.		E. Baldwin	ME	130.0
	Maine Audubon Society		Falmouth	ME	132.0
	Natural Res. Cncil of ME		Augusta	ME	136.0
	Winthrop St. Univ. Church		Augusta	ME	152.0
	James River Corp.	1 of 2	Groveton	NH	161.0
	Monadnock Forest Products		Jaffrey	NH	165.0
	Door-Master Corp.		Old Bridge	NJ	177.0
	U.S. Components		Berlin	NJ	177.7
	Clarkson University		Potsdam	NY	188.0
	Odessa Montour Central		Odessa	NY	224.0
	Bradford Hospital		Bradford	PA	244.0
	Northland Products, Inc.		Richford	VT	270.5
	Spate's Business Complex		Newport	VT	272.0
	St. Johnsbury Corr. Center		St. Johnsbury	VT	274.0
	VT State Capitol Complex		Montpelier	VT	277.0
JAN 1 82	St. Joseph's School		Lewiston	ME	
	Appleton Village School		Union	ME	
	Northway Industries Inc.		Middleburg	PA	

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Start Date		City	State	Long Form Page
JAN 1 82	Cooley Dickinson Hospital	Northampton	MA	89.0
	Green Lake Fish Hatchery	Ellsworth	ME	122.0
	Peavey Mfg. Co.	E. Eddington	ME	138.0
	S.D. Warren Company	Westbrook	ME	139.0
	The Bare Wood Shop	Bangor	ME	145.0
	Thomaston Grammar School	Thomaston	ME	146.0
	King Lumber Company	Wentworth	NH	164.0
	NH Flakeboard, Inc.	Antrim	NH	168.0
	Timco, Inc.	Ctr. Barnstead	NH	174.5
	AFA Pallet Co.	Newark	NJ	176.0
	Excel Wood Products	Lakewood	NJ	177.2
	Ames Handle Co., Inc.	Unadilla	NY	180.0
	B & B Lumber Co., Inc.	Jamesville	NY	181.0
	Becker Manufacturing Corp.	E. Durham	NY	182.0
	Colgate University	Hamilton	NY	189.0
	Heuvelton Whey Co. Inc.	Heuvelton	NY	208.5
	SUNY- Binghamton	Binghamton	NY	230.0
	Bostwick Farm	Shelburne	VT	257.0
	Montpelier H'way Garage	Montpelier	VT	269.0
	Whimsicality, Inc.	Barre	VT	280.0
FEB 22 82	St. Joseph's Abbey	Spencer	MA	101.0
JAN 1 83	Tiffany Wood Products	Pembroke	MA	
	Hull Forest Products	Pomfret Center	CT	86.0
	Hatheway & Patterson	Mansfield	MA	95.0
	Colonial Acres Nurs. Home	Lincoln	ME	114.0
	Univ. of Maine Orono	Orono	ME	149.0
	Chimney Mtn. Craftsmen Inc.	Indian Lake	NY	187.0
	Proctor & Gamble	Staten Island	NY	225.0
	Ethan Allen Inc.	Beecher Falls	VT	264.0
	Manchester Wood	Manchester	VT	267.7
	Peoples Academy	Morrisville	VT	271.0
	Weston Priory	Weston	VT	279.0
JAN 1 84	Mohawk Plastics	Turner's Falls	MA	97.0
	Shelburne Center Greenhouse	Shelburne	MA	100.0
	Tower Hill Farm	Brimfield	MA	102.0
	Bates College	Lewiston	ME	109.0
	Jackson Laboratory	Bar Harbor	ME	128.0
	Brown Street Furniture	Whitefield	NH	159.5
	Murray Farms Greenhouse	Penacook	NH	166.0
	Murray Farms Greenhouse	Penacook	NH	167.0
	St. Bonaventure Univ.	Allegany	NY	232.0
	Cantwell Greenhouses	Plainfield	VT	260.7
	North Country Union H.S.	Newport	VT	270.0
	Trading Post	Montpelier	VT	275.0
	Vermont Wood Industries	Bristol	VT	278.5
FEB 1 84	Altoona Correctional Fac.	Altoona	NY	190.0
JUN 1 84	Burlington Electric Dept.	Burlington	VT	260.0
SEP 1 84	Bioenergy Corporation	W. Hopkinton	NH	156.0
JAN 1 85	J.V. Wells, Inc.	Sharptown	MD	105.5
	Elm Street School	Mechanic Falls	ME	117.5

Index of firms Sorted by Boiler Installation Date

Start Date		City	State	Long Form Page
JAN 1 85	Least Financing Corporation	Lewiston	ME	129.0
	Univ. of Maine Farmington	Bangor	ME	147.0
	Anthony Galluzzo Corp.	Derry	NH	154.0
	Keene State College	Keene	NH	163.0
	L. & J.G. Stickley, Inc.	Manlius	NY	217.0
	Mt. McGregor Corr. Facil.	Wilton	NY	222.0
	Flood Brook Union School	Londonderry	VT	265.0
	St. Francis Xavier School	Winooski	VT	273.0
JUL 1 85	Livingstone Mfg. Co.	Winchendon	MA	
DEC 1 85	Cyganovich and Andrews	Owego	NY	194.5
JAN 1 86	Pinetree Resource Systems Inc.	Bethlehem	NH	169.0
	Jersey Millwork	Newark	NJ	177.5
	Reynolds Metal Company	Massena	NY	229.5
	Ames Electric	Newport	VT	254.0
NOV 1 86	Wheelabrator -formerly Sherman	Sherman Station	ME	143.0
DEC 1 86	Babcock Ultrapower	W. Enfield	ME	108.0
JAN 1 87	Greenville Steam Company	Greenville Jct	ME	123.0
	U.S. Energy Corporation	Ft. Fairfield	ME	149.5
	Hemphill Power and Light	Georges Mills	NH	160.5
	Bernhards Bay Veneer Corp.	Bernhards Bay	NY	182.5
	Camp Gabriels Corr. Fac.	Gabriels	NY	185.5
SEP 1 87	Bridgewater Power Co.	Ashland	NH	159.0
DEC 1 87	Calais Elementary School	Calais	VT	260.5
JAN 1 88	Pinetree Power-Tamworth	West Ossipee	NH	169.5
	Viking Yacht Company	New Gretna	NJ	177.9
MAR 1 88	Whitefield Power & Light	Whitefield	NH	175.3

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INDEX E: FACILITIES WITH HAND-FIRED SYSTEMS

State	Index for Hand-Fired Facilities	City	Page
MA	Tiffany Wood Products	Pembroke	
	Livingstone Mfg. Co.	Winchendon	
	Cummington Mfg. Co.	Cummington	90.0
	Dirth Lumber Home & Center	Orange	91.0
	E. Norris Browne Co., Inc.	Whitman	92.0
	Hatheway & Patterson	Mansfield	95.0
	Valley Tree Service Inc.	Groveland	103.0
ME	Colonial Acres Nurs. Home	Lincoln	114.0
	Old Town Canoe	Oldtown	137.0
	Saco Mfg. & Woodworking	Saco	140.0
	Thomaston Grammar School	Thomaston	146.0
NH	Brentwood Box Company	Freemont	158.0
	Dublin School	Dublin	160.0
NJ	Door-Master Corp.	Old Bridge	177.0
NY	Acme United Corp.	Seneca Falls	178.0
	Ames Handle Co., Inc.	Unadilla	180.0
	Chimney Mtn. Craftsmen Inc.	Indian Lake	187.0
	Altoona Correctional Fac.	Altoona	190.0
	Cotton-Hanlon	Cayuta	192.0
	Curtis Lumber	Ballston Spa	194.0
	Frontier Lumber	Buffalo	201.0
	Gold Medal Ladder	Newark Valley	202.0
	Gowanda Psych. Center	Helmuth	203.0
	Hallagan Mfg. Co. Inc.	Newark	206.0
	Hunt Country Furniture	Wingdale	210.0
	Margaretville Mem. Hosp.	Margaretville	220.0
	SUNY- Binghamton	Binghamton	230.0
St. Bonaventure Univ.	Allegany	232.0	
	1 of 2		
VT	St. Johnsbury Corr. Center	St. Johnsbury	274.0

INDEX F: PRODUCERS OR SELLERS OF WOOD WASTE

State	Index of Firms that Produce or Sell Wood Waste	Wastes Produced	Sell	Page
CT	Hitchcock Chair Company	New Hartford	scraps & sawdust	85.0
	Hull Forest Products	Pomfret Center	chips sawdst hog	Y 86.0
MA	Brentwood Furniture Inc.	Haverhill	sawdust, scrap	N 88.0
	Cummington Mfg. Co.	Cummington	hard wood cutoffs	Y 90.0
	Dirth Lumber Home & Center	Orange	wood scraps	N 91.0
	E. Norris Browne Co., Inc.	Whitman	hardwood blocks, etc	N 92.0
	Hatheway & Patterson	Mansfield	blocks, chips, dust	N 95.0
	M.H. Parks Co.	Winchendon	sawdust, shavings	N 96.0
	Valley Tree Service Inc.	Groveland	cordwood	N 103.0
MD	J.V. Wells, Inc.	Sharptown	Mill by products	N 105.5
ME	A.R. Lavalley, Inc.	Sanford	mill residue, chips	Y 106.0
	Andover Wood Products	Andover	sawdust, shavings	Y 107.0
	C. F. Wells Inc.	Buckfield	dust, waste	Y 110.0
	C.B. Cummings & Sons	Norway	sawdust, shavings, brk	Y 111.0
	C.B. Cummings & Sons	Norway	sawdust, shavings, brk	Y 112.0
	Diamond Occidental Corp.	Passadumkeag	bark & sawdust	Y 115.0
	Dirigo Dowels	New Portland	veneer wastes	Y 116.0
	Dirigo Lumber Co.	Greenville Jct.	bark, sawdust, shaving	N 117.0
	Forster Mfg Co.	Strong	mill waste, dust	N 118.0
	Forster Mfg Co.	Wilton	veneer, cores, dust	N 119.0
	Forster Mfg Co.	E. Wilton	mill waste	Y 120.0
	Forster Mfg Co.	Mattawaumkeg	mill waste	N 121.0
	Hardwood Products Co.	Guilford	scraps, sawdust, bark	N 125.0
	Houlton Internat. Corp.	Houlton	dry shavings, sawdust	Y 126.0
	J.R. Mains Co.	Bridgton	sawdust	Y 127.0
	Limington Lumber Co.	E. Baldwin	sawdust, bark	Y 130.0
	M.S. Hancock, Inc.	Casco	scaps, sawdust, bark	N 131.0
	Moosehead Mfg. Company	Monson	bark, chips, hog fuel	Y 133.0
	Moosehead Mfg. Company	Monson	bark chips hogfuel	Y 134.0
	Moosehead Mfg. Company	Dover Foxcroft	hardwood	N 135.0
	Old Town Canoe	Oldtown	sawdust, scrap	N 137.0
	Peavey Mfg. Co.	E. Eddington	sawdust, waste	N 138.0
	S.D. Warren Company	Westbrook	bark, pulp screening	N 139.0
	Saco Mfg. & Woodworking	Saco	residues	N 140.0
	Saunders Brothers	Westbrook	sawdust, bark, waste	N 141.0
	Saunders Brothers	Westbrook	sawdust, bark, waste	N 142.0
	Stowell Wood Products	Bryant Pond	sawdust, shavings	N 144.0
	The Bare Wood Shop	Bangor	scrap	N 145.0
	Wilner Wood Products	Norway	shavings, bark	N 150.0
	Wilner Wood Products	Norway	shavings, bark	151.0
	Wood Structures	Biddeford	scraps, sawdust	N 153.0

State	Index of Firms that Produce or Sell Wood Waste	Wastes Produced	Sell	Page
NH	Anthony Galluzzo Corp.	Derry	kiln dried hardwood	Y 154.0
	Beebe River Wood Products	Beebe River	sawdust,bark	N 155.0
	Blanchflower Lumber	Alstead	wood chips	Y 157.0
	Brentwood Box Company	Freemont	pine blocks	Y 158.0
	Brown Street Furniture	Whitefield	kiln-dried pine	N 159.5
	James River Corp.	Groveton	paper chip screening	N 161.0
	Kearsarge Peg Co., Inc.	Bartlett	sawdust,bark, pieces	Y 162.0
	King Lumber Company	Wentworth	sawdust, bark, chips	Y 164.0
	Monadnock Forest Products	Jaffrey	sawdust bark chips	Y 165.0
	Riley Brothers Lumber	Milford	sawdust, bark	Y 170.0
	Rochester Shoe Tree	Ashland	sawdust/chunks	N 171.0
	Souhegan Wood Prods Inc.	Wilton	prod rejects	173.0
	Timco, Inc.	Ctr. Barnstead	chips and Sawdust	N 174.5
	Tommila Brothers, Inc.	Troy	bark, sawdust	Y 175.0
Yield House Whittier Div.	North Conway	furniture scraps	Y 175.5	
NJ	AFA Pallet Co.	Newark	pallets scrap cutoff	N 176.0
	Door-Master Corp.	Old Bridge	hardwood chunks	N 177.0
	Excel Wood Products	Lakewood	sawdust	N 177.2
	U.S. Components	Berlin	scrap Wood	N 177.7
NY	Adirondack	Dodgeville	residue	179.0
	Ames Handle Co., Inc.	Unadilla	slabs	N 180.0
	B & B Lumber Co., Inc.	Jamesville	sawdust	Y 181.0
	Becker Manufacturing Corp.	E. Durham	scraps,sawdust	N 182.0
	Bernhards Bay Veneer Corp.	Bernards Bay	chips,dust,bark	Y 182.5
	Bohrer Lumber Co.	Lafayette	woodchunks,sawdust	184.0
	C.B. Norton & Son, Inc.	Great Valley	sawdust	N 185.0
	Carlson Wood Products	Sinclairville	mill residue	N 186.0
	Chimney Mtn. Craftsmen Inc.	Indian Lake	wood chunks,scrap	187.0
	Cortland Wood Products	Cortland	sawdust	N 191.0
	Cotton-Hanlon	Cayuta	scraps,shavings,dust	Y 192.0
	Crawford Furniture	Jamestown	sawdust, scrap	N 193.0
	Curtis Lumber	Ballston Spa	sawdust, residue	194.0
	Cyganovich and Andrews	Owego	Blocks & shavings	N 194.5
	Donver Inc.	Killbuck	sawdust, chips	N 195.0
	Ethan Allen	Boonville	sawdust, chips, bark	196.0
	Ethan Allen	Frewsburg	sawdust	N 197.0
	Fancher Furniture Co.	Salamanca	sawdust	N 198.0
	Finch Pruyn & Co.	Glens Falls	mill wastes	199.0
	Finch Pruyn & Co.	Glens Falls	bark	200.0
	Frontier Lumber	Buffalo	wood scraps	N 201.0
	Gold Medal Ladder	Newark Valley	sawdust,scraps	N 202.0
	Gunlocke Company	Wayland	mill residue,sawdust	N 204.0
	Gutchess Lumber Co.	Cortland	wood waste	205.0
	Hallagan Mfg. Co. Inc.	Newark	sawdust	N 206.0
	Harden Furniture	McConnellsville	bark slabs dust	Y 207.0

State	Index of Firms that Produce or Sell Wood Waste	Wastes Produced	Sell	Page	
NY	Harden Furniture	McConnellsville	sawdust, scrap	Y	208.0
	Howland Bros Co. Inc.	Berkshire	sawdust, bark, slabs	N	209.0
	Hunt Country Furniture	Wingdale	mill residue		210.0
	International Paper Co.	Ticonderoga	bark	N	210.5
	Jamestown Plywood	Jamestown	sawdust, residue		211.0
	Jamestown Sterling	Jamestown	hardwood chunks	Y	213.0
	KSI Building Products	Cobleskill	sawdust, residue		215.0
	Kittinger Company	Buffalo	sawdust, scrap	N	216.0
	L. & J.G. Stickley, Inc.	Manlius	hardwood sawdust	N	217.0
	Lewis Mill	Beaver Falls	bark	N	217.5
	Library Bureau Division	Herkimer	sawdust	Y	218.0
	Lyons Falls Pulp	Lyons Falls	sawdust, bark, scrap	N	219.0
	Marsellus Casket Co.	Syracuse	hardwood scraps, dust	Y	221.0
	N. Hudson Woodcraft Corp.	Dolgeville	chunk, edgings	N	223.0
	Randolph Dimension Corp.	Randolph	sawdust	N	227.0
	Stakmore Co., Inc.	Oswego	mill residue		233.0
	Tupper Lake Veneer Corp.	Tupper Lake	sawdust		234.0
	Una Laminated Products	Sidney	sawdust	Y	235.0
	Union-National, Inc.	Jamestown	mill residue	N	236.0
	Whitesville Wood Products	Whitesville	saw dust, residue	N	242.0
PA	Appleton Papers	Roaring Spring	bark	N	243.0
	H.P. McGinley Inc.	McAlisterville	sawdust	N	245.0
	Kane Hardwood Company	Kane	bark	Y	246.0
	Masonite Corp.	Towanda	hdboard, sander dust	N	247.0
	Mastercraft Specialties	Red Lion	chips, sawdust	N	248.0
	Pennsylvania House	Lewisburg	shavings, sawdust	N	249.0
	RAD Woodwork Co. Inc.	Nescopeck	shavings	Y	250.0
	Sensenich Corp.	Lancaster	shavings, hard wood	N	251.0
	Walter H. Weaver Sons Inc.	Lebanon	sawdust	N	252.0
	Wood Mode Cabinetry	Kreamer	waste chips	N	253.0
VT	Basketville Inc.	Putney	scraps	Y	255.0
	Bell Gates Lumber Corp.	Jeffersonville	sawdust, bark	Y	256.0
	Branchwood Inc.	Randolph	all types	N	258.0
	Brattleboro Dry Kiln	Brattleboro	mill residues	N	259.0
	Burlington Electric Dept.	Burlington	N/A		260.0
	Columbia Forest Products	Newport	bark & veneer	Y	261.0
	Ethan Allen Inc.	Beecher Falls	bark, sawdust	Y	263.0
	Ethan Allen Inc.	Beecher Falls	bark, sawdust	Y	264.0
	Haynes Brothers, Inc.	Wilmington	residues	Y	267.0
	North Country Union H.S.	Newport	N/A		270.0
	Peoples Academy	Morrisville	N/A		271.0
	Trading Post	Montpelier	N/A		275.0
	True Temper Corp.	St. Johnsbury	slabs, edgings, dust	Y	276.0
	VT State Capitol Complex	Montpelier	N/A		277.0
Weston Priory	Weston	N/A		279.0	

State	Index of Firms that Produce or Sell Wood Waste	Wastes Produced	Sell	Page
VT	Whimsicality, Inc.	N/A		280.0

INDEX G: FACILITIES SORTED BY INDUSTRY TYPE & BOILER OUTPUT

All Biomass Facilities Sorted By Company

State	Company	Industry Type	Boiler Output (MMBTU)	City	Lon For Pag
CT	Berol U.S.A.	Wood Related Industry	5.0	Danbury	
	Blue Triangle Hardwoods	Wood Related Industry		Higganum	
	Bridge Mfg. Company	Misc.		Enfield	
	Custom Pallets Co.	Wood Related Industry		Wallingford	
	E.E. Dickinson Company	Non-Wood Related Industry		Essex	
	Hitchcock Chair Company	Wood Related Industry	9.0	New Hartford	85.
	Hull Forest Products	Wood Related Industry	4.1	Pomfret Center	86.
	O.F. Mossberg & Sons, Inc.	Wood Related Industry		North Haven	
	Rossi Corporation	Wood Related Industry		Higganum	
	Wm. Pinchbeck Inc.	Greenhouse/Nursery	10.0	Guilford	87.

All Biomass Facilities Sorted By Company

State	Company	Industry Type	Boiler Output (MMBTU)	City	Long Form Page
MA	A.C. Lawrence Leather Co.	Non-Wood Related Industry		Danvers	
	Brentwood Furniture Inc.	Wood Related Industry	13.8	Haverhill	88.0
	Conant Ball Co.	Non-Wood Related Industry	11.2	Gardner	
	Cooley Dickinson Hospital	Hospital/Health Care	20.0	Northampton	89.0
	Cummington Mfg. Co.	Wood Related Industry		Cummington	90.0
	Dirth Lumber Home & Center	Wood Related Industry	1.0	Orange	91.0
	E. Norris Browne Co., Inc.	Wood Related Industry	2.0	Whitman	92.0
	Energy Management Inc.	Public/Private Utility		Chestnut Hill	
	F. W. Lombard	Wood Related Industry		S. Ashburnham	
	Forest Products Assoc.	Wood Related Industry	3.3	Greenfield	93.0
	G & S Mill Inc.	Wood Related Industry	1.0	Northborough	94.0
	Hatheway & Patterson	Wood Related Industry	2.0	Mansfield	95.0
	Holt & Bugbee Co.	Wood Related Industry	20.0	Tewksbury	
	Keyes Rose	Greenhouse/Nursery	20.0	Hadley	
	Livingstone Mfg. Co.	Wood Related Industry	1.6	Winchendon	
	M.H. Parks Co.	Wood Related Industry	2.9	Winchendon	96.0
	Mohawk Plastics	Non-Wood Related Industry	15.0	Turner's Falls	97.0
	Montgomery Rose Co, Inc.	Greenhouse/Nursery	48.0	Hadley	98.0
	N. D. Cass Company	Wood Related Industry	2.2	Athol	
	Nichols & Stone Inc.	Wood Related Industry		Gardner	
	Northfield Mt. Hermon	School/College/Univ.	12.0	Northfield	99.0
	Peck Lumber Company	Wood Related Industry		Westfield	
	Plycraft Inc.	Wood Related Industry		Lawrence	
	S. Bent & Brother Inc.	Wood Related Industry	20.0	Gardner	
	Shelburne Center Greenhouse	Greenhouse/Nursery	2.0	Shelburne	100.0
	St. Joseph's Abbey	School/College/Univ.	8.0	Spencer	101.0
	Temple Stuart Co. Inc.	Wood Related Industry		Baldwinville	
	Tiffany Wood Products	Wood Related Industry	7.0	Pembroke	
	Tower Hill Farm	Greenhouse/Nursery	2.0	Brimfield	102.0
	Valley Tree Service Inc.	Wood Related Industry	1.0	Groveland	103.0
	Williams Per. Gardens	Greenhouse/Nursery	0.5	Sherborn	104.0

All Biomass Facilities Sorted By Company

State	Company	Industry Type	Boiler Output (MMBTU)	City	Long Form Page
MD	Chesapeake Plywood, Inc.	Wood Related Industry		Pocomoke City	
	Dorchester Lumber Co.	Wood Related Industry		Linkwood	
	E. Correctional Institute	Public/Private Utility	50.0	Baltimore	105.0
	J.V. Wells, Inc.	Wood Related Industry	24.0	Sharptown	105.5

All Biomass Facilities Sorted By Company

State	Company	Industry Type	Boiler Output (MMBTU)	City	Long Form Page
ME	7th Day Adventist Church	Public Facility		Portland	
	A.R. Lavalley, Inc.	Wood Related Industry	24.0	Sanford	106.0
	Andover Wood Products	Wood Related Industry	7.5	Andover	107.0
	Appleton Village School	School/College/Univ.		Union	
	Babcock Ultrapower	Public/Private Utility	83.6	W. Enfield	108.0
	Babcock Ultrapower	Public/Private Utility		Jonesboro	3.0
	Banton Inc.	Misc.		Newport	
	Bates College	School/College/Univ.	300.0	Lewiston	109.0
	Bates Fabrics	Non-Wood Related Industry		Lewiston	
	Beaverwood Joint Venture	Public/Private Utility	16.5	Lincoln	4.0
	Bethel Furniture Inc.	Wood Related Industry		Bethel	
	Boise Cascade Corp.	Wood Related Industry	165.0	Rumford	
	C. F. Wells Inc.	Wood Related Industry	1.7	Buckfield	110.0
	C.B. Cummings & Sons	Wood Related Industry	11.0	Norway	111.0
	C.B. Cummings & Sons	Wood Related Industry	11.0	Norway	112.0
	Champion International	Wood Related Industry	36.0	Costigan	113.0
	Champion Paper Co.	Non-Wood Related Industry		Bucksport	
	Clover Living Center	Hospital/Health Care		Auburn	
	Colonial Acres Nurs. Home	Hospital/Health Care	0.8	Lincoln	114.0
	Columbia Forest Products	Wood Related Industry		Presque Isle	
	Cousineau Lumber	Wood Related Industry		Strong	
	Diamond International	Wood Related Industry		Dixfield	
	Diamond Match	Wood Related Industry		West Peru	
	Diamond Occidental Corp.	Wood Related Industry	6.0	Passadumkeag	115.0
	Dirigo Dowels	Wood Related Industry	13.0	New Portland	116.0
	Dirigo Lumber Co.	Wood Related Industry	23.0	Greenville Jct.	117.0
	Ellsworth High School	School/College/Univ.		Ellsworth	
	Elm Street School	School/College/Univ.	6.4	Mechanic Falls	117.5
	Fairfield Energy Venture	Public/Private Utility		Fort Fairfield	2.0
	Forster Mfg Co.	Wood Related Industry	5.0	Wilton	119.0
	Forster Mfg Co.	Wood Related Industry	25.0	Strong	118.0
	Forster Mfg Co.	Wood Related Industry	40.0	Mattawaumkeg	121.0
	Forster Mfg Co.	Wood Related Industry	8.0	E. Wilton	120.0
	Georgia Pacific Corp.	Wood Related Industry		Woodland	
	Gilbert Mfg. Corp.	Wood Related Industry	6.0	Locke Mills	
	Gorbell Thermo Electron	Non-Wood Related Industry		Athens	
	Green Lake Fish Hatchery	Non-Wood Related Industry		Ellsworth	122.0
	Greenville Steam Company	Public/Private Utility	52.9	Greenville Jct	123.0
	Guilford Industries	Non-Wood Related Industry	33.5	Guilford	124.0
	Hanover Dowel	Wood Related Industry		Bethel	
	Hardwood Products Co.	Wood Related Industry	5.0	Guilford	125.0
	Hollis Baptist Church	Public Facility		Hollis Center	
	Houlton Internat. Corp.	Wood Related Industry	10.0	Houlton	126.0
	International Paper Co.	Wood Related Industry	15.7	Jay	
	J. Paul Levesque & Sons	Misc.		Ashland	
	J.R. Mains Co.	Wood Related Industry	2.0	Bridgton	127.0
	Jackson Laboratory	Hospital/Health Care	27.0	Bar Harbor	128.0
	James River Corp.	Wood Related Industry		Old Town	

All Biomass Facilities Sorted By Company

State	Company	Industry Type	Boiler Output (MMBTU)	City	Lon For Pag
ME	Keyes Fiber	Wood Related Industry	70.0	Waterville	
	Least Financing Corporation	Public/Private Utility	80.0	Lewiston	129.
	Limington Lumber Co.	Wood Related Industry	2.5	E. Baldwin	130.
	Lufkin Anson	Misc.	10.0	Madison	
	M.S. Hancock, Inc.	Wood Related Industry	6.7	Casco	131.
	ME Woodturning Inc.	Wood Related Industry	9.8	New Vineyard	
	Madison Paper Industries	Wood Related Industry	117.5	Madison	
	Maine Audubon Society	Misc.	0.2	Falmouth	132.
	Moosehead Mfg. Company	Wood Related Industry	2.5	Monson	134.
	Moosehead Mfg. Company	Wood Related Industry		Dover Foxcroft	135.
	Moosehead Mfg. Company	Wood Related Industry	5.0	Monson	133.
	N. Anson Reel Co.	Wood Related Industry	14.5	Anson	
	Natural Res. Cncil of ME	Misc.	1.5	Augusta	136.
	Newton & Tebbets, Inc.	Wood Related Industry	1.7	Bethel	
	Old Town Canoe	Non-Wood Related Industry	10.0	Oldtown	137.
	PH Chadbourne & Co.	Wood Related Industry		Bethel	
	Paris Industries Corp.	Wood Related Industry	16.3	South Paris	
	Peavey Mfg. Co.	Wood Related Industry	1.0	E. Eddington	138.
	Penley Corp.	Wood Related Industry		W. Paris	
	Pinkham Lumber Company	Wood Related Industry	60.0	Ashland	
	Pinkham's Plantation	Misc.		Damariscotta	
	Poland Community School	School/College/Univ.	0.6	Poland	
	Robbins Lumber, Inc.	Wood Related Industry	32.2	Searsmont	
	S.D. Warren Company	Wood Related Industry	650.0	Westbrook	139.
	S.D. Warren Company	Wood Related Industry		Skowhegan	
	Saco Mfg. & Woodworking	Wood Related Industry		Saco	140.
	Saunders Brothers	Wood Related Industry	11.0	Westbrook	142.
	Saunders Brothers	Wood Related Industry	4.0	Westbrook	141.
	Scott Paper Company	Non-Wood Related Industry		Winslow	
	Skillins Greenhouse	Greenhouse/Nursery		Falmouth	
	Sprowl Bros. Inc.	Wood Related Industry	13.4	Searsmont	
	St. Joseph's School	School/College/Univ.		Lewiston	
	Stowell Wood Products	Wood Related Industry		Bryant Pond	144.
	Strong Wood Turning Corp.	Wood Related Industry		Strong	
	The Bare Wood Shop	Wood Related Industry	0.4	Bangor	145.
	Thomaston Grammar School	School/College/Univ.	1.5	Thomaston	146.
	U.S. Energy Corporation	Public/Private/Utility		Ft. Fairfield	149.
	United Timber	Wood Related Industry		Dixfield	
	Univ. of Maine	School/College/Univ.	1.0	Bangor	148.
	Univ. of Maine Farmington	School/College/Univ.	3.0	Bangor	147.
	Univ. of Maine Orono	School/College/Univ.	1.0	Orono	149.
	Wheelabrator -formerly Sherman	Wood Related Industry	62.0	Sherman Station	143.
	Wilner Wood Products	Wood Related Industry	32.0	Norway	151.
	Wilner Wood Products	Wood Related Industry	10.0	Norway	150.
	Winthrop St. Univ. Church	Public Facility	1.0	Augusta	152.
	Wood Structures	Wood Related Industry	2.0	Biddeford	153.

All Biomass Facilities Sorted By Company

State	Company	Industry Type	Boiler Output (MMBTU)	City	Long Form Page
NH	A.F. Walker & Son, Inc.	Wood Related Industry		New Ipswich	
	Alexandria Power Assoc.	Public/Private Utility		Bristol	1.0
	Allen Rogers Corp.	Wood Related Industry		Andover	
	Allen Rogers Corp.	Wood Related Industry	5.0	Wentworth	
	Anthony Galluzzo Corp.	Wood Related Industry	2.5	Derry	154.0
	Beaman Lumber Company	Wood Related Industry	8.4	Winchester	
	Beebe River Wood Products	Wood Related Industry	4.0	Beebe River	155.0
	Bingham Lumber Company	Wood Related Industry	5.0	Brookline	
	Bioenergy Corporation	Public/Private Utility	125.0	W. Hopkinton	156.0
	Blanchflower Lumber	Wood Related Industry	2.2	Alstead	157.0
	Breezy Hill Mfg. Co.	Wood Related Industry		Bradford	
	Brentwood Box Company	Wood Related Industry	0.7	Freemont	158.0
	Bridgewater Power Co.	Public/Private Utility	135.0	Ashland	159.0
	Brown Street Furniture	Wood Related Industry	3.6	Whitefield	159.5
	C.L. Lane Company	Misc.		E. Swanzey	
	City of Keene H'way Dept.	Public Facility		Keene	
	Concord Steam Corp.	Public/Private Utility		Concord	
	Diamond International	Wood Related Industry		Groveton	
	Doubleday Woodworking	Wood Related Industry		Tilton	
	Dublin School	School/College/Univ.		Dublin	160.0
	Durgin & Crowell Lumber	Wood Related Industry	40.0	New London	
	Elmendorf Board Corp.	Wood Related Industry		Claremont	
	Franklin Business Center	Non-Wood Related Industry		Franklin	
	Frazier Furniture Co.	Wood Related Industry		Keene	
	Hemphill Power and Light	Public/Private Utility	130.0	Georges Mills	160.5
	Henniker Hardwood Pallet	Wood Related Industry		Henniker	
	Indep. Power of America	Public/Private Utility		Manchester	
	International Paper Co.	Wood Related Industry		W. Ossipee	
	International Paper Co.	Wood Related Industry		North Stratford	
	James River Corp.	Wood Related Industry	165.0	Groveton	161.0
	John F. Chick & Son Inc.	Misc.		Silver Lake	
	John Kilburn	Misc.		Lebanon	
	Kearsarge Peg Co., Inc.	Wood Related Industry	2.5	Bartlett	162.0
	Keene State College	School/College/Univ.	14.0	Keene	163.0
	King Lumber Company	Wood Related Industry	4.3	Wentworth	164.0
	Monadnock Forest Products	Wood Related Industry	6.0	Jaffrey	165.0
	Murray Farms Greenhouse	Greenhouse/Nursery	1.0	Penacook	166.0
	Murray Farms Greenhouse	Greenhouse/Nursery	1.0	Penacook	167.0
	NH Flakeboard, Inc.	Wood Related Industry	1.5	Antrim	168.0
	Nuroco Woodwork	Wood Related Industry		Whitefield	
	Penn. Box Company	Wood Related Industry		Plaistow	
	Peterboro Basket Co.	Non-Wood Related Industry		Peterboro	
	Pinetree Power-Tamworth	Public/Private Utility	404.0	West Ossipee	169.5
	Pinetree Resource Systems Inc.	Public/Private Utility	289.4	Bethlehem	169.0
	Plymouth Mfg. Inc.	Misc.		Plymouth	
	Plywood Technology	Wood Related Industry		Manchester	
	R.P. Williams & Sons Inc.	Misc.		Bristol	
	Riley Brothers Lumber	Wood Related Industry	1.5	Milford	170.0

All Biomass Facilities Sorted By Company

State	Company	Industry Type	Boiler Output (MMBTU)	City	Lon For Pag
NH	Rochester Shoe Tree	Wood Related Industry	3.4	Ashland	171.
	Rockwell Int'l Draper Div.	Non-Wood Related Industry		Beebe River	
	Ruger, Sturm & Co.	Misc.		Newport	
	Sargent Camp	School/College/Univ.	0.3	Hancock	
	Soc. for Prot. of NH For.	Misc.	0.2	Concord	172.
	Souhegan Wood Prods Inc.	Wood Related Industry		Wilton	173.
	Sprague & Carlton Co.	Misc.	6.7	Keene	
	Tillotson Rubber Co Inc.	Non-Wood Related Industry	30.0	Dixville Notch	174.
	Timco, Inc.	Wood Related Industry	90.0	Ctr. Barnstead	174.
	Tommila Brothers, Inc.	Wood Related Industry	6.0	Troy	175.
	Washburn Lumber Co.	Wood Related Industry		N. Stratford	
	Westville Homes Corp.	Non-Wood Related Industry		Plaistow	
	White Mountain Regional High	School/College/Univ.	0.5	Whitefield	
	Whitefield Power & Light	Public/Private/Utility	220.7	Whitefield	175.
	Yankee Barn Homes	Wood Related Industry	0.2	Grantham	
	Yield House Whittier Div.	Wood Related Industry	6.0	North Conway	175.

All Biomass Facilities Sorted By Company

State	Company	Industry Type	Boiler Output (MMBTU)	City	Long Form Page
NJ	AFA Pallet Co.	Wood Related Industry	2.0	Newark	176.0
	C & C Industries	Misc.		Riverton	
	Component Technology, Inc.	Wood Related Industry		Summerville	177.0
	Country Workshop, Inc.	Wood Related Industry		Newark	
	Door-Master Corp.	Wood Related Industry		Old Bridge	
	Dorwood Industries	Wood Related Industry		Denville	177.2
	Excel Wood Products	Wood Related Industry	13.0	Lakewood	
	Guardsmen	Wood Related Industry	2.0	Mays Landing	177.5
	Jersey Millwork	Wood Related Industry	2.0	Newark	
	Noeller Industries	Wood Related Industry		Totowa	177.7
	Rex Lumber Co.	Wood Related Industry		Englishtown	
	S. Diehm & Co., Inc.	Misc.		Westwood	
	Somerset Wood Products Co.	Wood Related Industry		Somerville	177.9
	U.S. Components	Misc.	1.0	Berlin	
	Viking Yacht Company	Non-Wood Related Industry	6.0	New Gretna	177.9
	Wood Artisans Inc.	Wood Related Industry		Norwood	

All Biomass Facilities Sorted By Company

State	Company	Industry Type	Boiler Output (MMBTU)	City	Longitude Form Page
NY	Acme United Corp.	Wood Related Industry	4.0	Seneca Falls	178.0
	Adirondack	Misc.	2.0	Dodgeville	179.0
	Altoona Correctional Fac.	Public Facility	5.8	Altoona	190.0
	Ames Handle Co., Inc.	Wood Related Industry	0.2	Unadilla	180.0
	B & B Lumber Co., Inc.	Wood Related Industry	6.0	Jamesville	181.0
	Becker Manufacturing Corp.	Wood Related Industry	6.0	E. Durham	182.0
	Bernhards Bay Veneer Corp.	Wood Related Industry	20.0	Bernhards Bay	182.5
	Binghamton Psych. Center	School/College/Univ.	13.8	Binghamton	183.0
	Bohrer Lumber Co.	Wood Related Industry	4.0	Lafayette	184.0
	C.B. Norton & Son, Inc.	Wood Related Industry	4.0	Great Valley	185.0
	Camp Gabriels Corr. Fac.	Public Facility		Gabriels	185.5
	Carlson Wood Products	Wood Related Industry	5.0	Sinclairville	186.0
	Catskill Craftsmen	Wood Related Industry	4.0	Stamford	
	Chimney Mtn. Craftsmen Inc.	Wood Related Industry	2.5	Indian Lake	187.0
	Clarkson University	School/College/Univ.	10.0	Potsdam	188.0
	Colgate University	School/College/Univ.	25.0	Hamilton	189.0
	Cortland Wood Products	Wood Related Industry	15.0	Cortland	191.0
	Cotton-Hanlon	Wood Related Industry	12.0	Cayuta	192.0
	Crawford Furniture	Wood Related Industry	6.0	Jamestown	193.0
	Curtis Lumber	Wood Related Industry	8.2	Ballston Spa	194.0
	Cyganovich and Andrews	Wood Related Industry	3.3	Owego	194.5
	Donver Inc.	Wood Related Industry	6.6	Killbuck	195.0
	Ethan Allen	Wood Related Industry	13.0	Frewsburg	197.0
	Ethan Allen	Wood Related Industry	25.0	Boonville	196.0
	Fancher Furniture Co.	Wood Related Industry	6.0	Salamanca	198.0
	Finch Pruyn & Co.	Wood Related Industry	14.0	Glens Falls	200.0
	Finch Pruyn & Co.	Wood Related Industry	210.0	Glens Falls	199.0
	Frontier Lumber	Wood Related Industry	4.0	Buffalo	201.0
	Gold Medal Ladder	Wood Related Industry	2.6	Newark Valley	202.0
	Gowanda Psych. Center	Hospital/Health Care	30.0	Helmuth	203.0
	Gunlocke Company	Wood Related Industry	21.0	Wayland	204.0
	Gunlocke Company	Wood Related Industry	22.0	Wayland	
	Gutchess Lumber Co.	Wood Related Industry	2.0	Cortland	205.0
	Hallagan Mfg. Co. Inc.	Wood Related Industry	5.0	Newark	206.0
	Harden Furniture	Wood Related Industry	15.0	McConnellsville	208.0
	Harden Furniture	Wood Related Industry	25.0	McConnellsville	207.0
	Heuvelton Whey Co. Inc.	Non-Wood Related Industry		Heuvelton	208.5
	Howland Bros Co. Inc.	Wood Related Industry	3.2	Berkshire	209.0
	Hunt Country Furniture	Wood Related Industry	8.0	Wingdale	210.0
	International Paper Co.	Wood Related Industry	600.0	Ticonderoga	210.0
	Jamestown Plywood	Wood Related Industry	8.0	Jamestown	211.0
	Jamestown Plywood	Wood Related Industry	8.0	Jamestown	212.0
	Jamestown Sterling	Non-Wood Related Industry	9.0	Jamestown	213.0
	Joseph C. Klein, Inc.	Misc.	11.0	Schenectady	214.0
	KSI Building Products	Wood Related Industry	5.0	Cobleskill	215.0
	Kittinger Company	Wood Related Industry	5.2	Buffalo	216.0
	L. & J.G. Stickley, Inc.	Wood Related Industry	5.7	Manlius	217.0
	Lewis Mill	Wood Related Industry	46.9	Beaver Falls	217.0

All Biomass Facilities Sorted By Company

State	Company	Industry Type	Boiler Output (MMBTU)	City	Long Form Page
NY	Library Bureau Division	Wood Related Industry	20.7	Herkimer	218.0
	Lyons Falls Pulp	Wood Related Industry	120.0	Lyons Falls	219.0
	MDF Technology, Inc.	Misc.	32.0	Deposit	
	Margaretville Mem. Hosp.	Hospital/Health Care	4.0	Margaretville	220.0
	Marsellus Casket Co.	Wood Related Industry	6.0	Syracuse	221.0
	Mt. McGregor Corr. Facil.	Public Facility	37.0	Wilton	222.0
	N. Hudson Woodcraft Corp.	Wood Related Industry	5.2	Dolgeville	223.0
	Odessa Montour Central	School/College/Univ.	5.0	Odessa	224.0
	Proctor & Gamble	Non-Wood Related Industry	240.0	Staten Island	225.0
	Pulaski Wood Co., Inc.	Wood Related Industry	10.0	Smyrna	226.0
	Randolph Dimension Corp.	Wood Related Industry	2.0	Randolph	227.0
	Remington Arms Co.	Wood Related Industry	43.0	Ilion	228.0
	Remington Arms Co.	Wood Related Industry	37.0	Ilion	229.0
	Reynolds Metal Company	Non-Wood Related Industry	40.0	Massena	229.5
	SUNY- Binghamton	School/College/Univ.	50.0	Binghamton	231.0
	SUNY- Binghamton	School/College/Univ.	50.0	Binghamton	230.0
	St. Bonaventure Univ.	School/College/Univ.	25.0	Allegany	232.0
	Stakmore Co., Inc.	Wood Related Industry	5.0	Oswego	233.0
	Tupper Lake Veneer Corp.	Wood Related Industry	14.0	Tupper Lake	234.0
	Una Laminated Products	Wood Related Industry	8.0	Sidney	235.0
	Union-National, Inc.	Wood Related Industry	4.0	Jamestown	236.0
	Vochamp Lumber-Dry Kiln	Wood Related Industry	4.2	Medina	237.0
	W.J. Cowee, Inc.	Wood Related Industry	14.0	Berlin	238.0
	W.J. Cowee, Inc.	Wood Related Industry	14.0	Berlin	239.0
	W.J. Cowee, Inc.	Wood Related Industry	140.0	Berlin	240.0
	W.W. Babcock Co.	Wood Related Industry		Bath	241.0
	Whitesville Wood Products	Wood Related Industry	3.0	Whitesville	242.0

All Biomass Facilities Sorted By Company

State	Company	Industry Type	Boiler Output (MMBTU)	City	Longitude	Form	Page
PA	Alexandria Wood Products	Wood Related Industry		Alexandria			
	Appleton Papers	Wood Related Industry	240.0	Roaring Spring	243.0		
	Babcock Lumber Company	Wood Related Industry		Champion			
	Boyertown Casket Company	Wood Related Industry		Boyertown			
	Bradford Hospital	Hospital/Health Care	20.7	Bradford	244.0		
	Buehler Lumber Company	Wood Related Industry		Ridgeway			
	C. C. Smith Lumber Company	Wood Related Industry		Sumerhill			
	C.A. Walker Lumber	Wood Related Industry		Bigler			
	Cumberland Woodcraft Co.	Wood Related Industry		Carlisle			
	Danco Products	Misc.		Greencastle			
	Davidson McNair Prod.	Misc.		Oil City			
	Del-Wood Kitchens	Non-Wood Related Industry		Hanover			
	Donald Dean & Sons Inc.	Wood Related Industry	8.0	Montrose			
	Eastern Woods Products	Wood Related Industry		Williamsport			
	Endeavor Lumber Co.	Wood Related Industry		Endeavor			
	H.P. McGinley Inc.	Wood Related Industry		McAlisterville	245.0		
	Ivy Hill Plant Corp.	Greenhouse/Nursery		Pittsburgh			
	J.F. Rohrbaugh & Co.	Misc.		Hanover			
	K & F Wood Products	Wood Related Industry		Beccaria			
	Kane Hardwood Company	Wood Related Industry	25.0	Kane	246.0		
	Kitko Wood Products	Wood Related Industry		Glen Hope			
	Knouse Foods Corporation	Non-Wood Related Industry		Chambersburg			
	Koppers Sawmill, Inc.	Wood Related Industry		Marble			
	Lafferty & Co., Inc.	Misc.		Lemoyne			
	Latsha Lumber	Wood Related Industry		Harrisburg			
	Lumberman's Assoc. Inc.	Wood Related Industry		Philadelphia			
	Marietta Ceiling Plant	Non-Wood Related Industry		Marietta			
	Masonite Corp.	Wood Related Industry	80.0	Towanda	247.0		
	Mastercraft Specialties	Wood Related Industry	3.0	Red Lion	248.0		
	Matson Lumber Company	Wood Related Industry		Brookville			
	Mellott Wood Preserving	Wood Related Industry		Needmore			
	Monarch Pallet Corp.	Wood Related Industry		Carbondale			
	Northway Industries Inc.	Wood Related Industry		Middleburg			
	P. H. Gladfelter Company	Wood Related Industry		Spring Grove			
	PA Hardwood Products Inc.	Wood Related Industry		Picture Rocks			
	Patterson Lumber Company	Wood Related Industry		Wellsboro			
	Pennsylvania House	Wood Related Industry	30.0	Lewisburg	249.0		
	Phillip Stofanack, Inc.	Wood Related Industry		Bethlehem			
	RAD Woodwork Co. Inc.	Wood Related Industry	5.2	Nescopeck	250.0		
	SSK Company	Wood Related Industry		York			
	Sbenshade Greenhouse, Inc.	Greenhouse/Nursery		Lititz			
	Seneca Hardwood Lbr. Co.	Wood Related Industry		Cranberry			
	Sensenich Corp.	Wood Related Industry		Lancaster	251.0		
	Union Fork & Hoe Company	Wood Related Industry		Shippensburg			
	Walter H. Weaber Sons Inc.	Wood Related Industry	30.0	Lebanon	252.0		
	Weyerhaeuser Company	Wood Related Industry		Jefferson			
	Weyerhaeuser Company	Wood Related Industry		New Freedom			
	Wood Mode Cabinetry	Wood Related Industry		Kreamer	253.0		

All Biomass Facilities Sorted By Company

State Company	Industry Type	Boiler Output (MMBTU) City	Long Form Page
PA Woodlore Builders Studio York Casket Company	Wood Related Industry Wood Related Industry	Harrisburg York	

All Biomass Facilities Sorted By Company

State	Company	Industry Type	Boiler Output (MMBTU)	City	Long Form Page
VT	A. Johnson Company	Wood Related Industry		Bristol	
	A.R. Foss, Inc.	Wood Related Industry		Morrisville	
	Ames Electric	Non-Wood Related Industry	0.8	Newport	254.0
	Basketville Inc.	Wood Related Industry	4.2	Putney	255.0
	Bell Gates Lumber Corp.	Wood Related Industry	5.2	Jeffersonville	256.0
	Bostwick Farm	Non-Wood Related Industry	2.1	Shelburne	257.0
	Bradford Veneer & Panel	Wood Related Industry	5.0	Bradford	
	Branchwood Inc.	Wood Related Industry	17.2	Randolph	258.0
	Brattleboro Dry Kiln	Wood Related Industry	8.0	Brattleboro	259.0
	Bravakis's Maple Syrup	Non-Wood Related Industry	1.5	Worcester	
	Burlington Electric Dept.	Public/Private Utility	725.0	Burlington	260.0
	Calais Elementary School	School/College/Univ.	0.5	Calais	260.0
	Cantwell Greenhouses	Non-Wood Related Industry	1.0	Plainfield	260.0
	Carpenter Maple Syrup	Non-Wood Related Industry	0.5	Derby	
	Carris Reels	Wood Related Industry	17.0	Rutland	
	Cersosimo Lumber Co.	Wood Related Industry	40.0	Brattleboro	
	Claire Lathrop Band Mill	Wood Related Industry	9.1	Bristol	
	Columbia Forest Products	Wood Related Industry	8.0	Newport	261.0
	Decker Energy International	Public/Private Utility	85.0	E. Ryegate	262.0
	Dixie Bobbin Co.	Wood Related Industry		Barre	
	Ethan Allen Inc.	Wood Related Industry	38.0	Beecher Falls	264.0
	Ethan Allen Inc.	Wood Related Industry	27.0	Beecher Falls	263.0
	Ethan Allen Inc.	Wood Related Industry	25.0	Orleans	
	Ethan Allen, Inc.	Wood Related Industry		Randolph	
	Flood Brook Union School	School/College/Univ.	1.0	Londonderry	265.0
	George F. Adams Co.	Wood Related Industry	1.7	Moscow	
	Georgia Pacific Corp.	Wood Related Industry	100.0	Gilman	266.0
	Granville Mfg. Co., Inc.	Wood Related Industry	0.5	Granville	
	Green Mountain Log Homes	Wood Related Industry		Chester	266.0
	Green Mountain Pellet Inc.	Wood Related Industry	66.6	Burlington	266.0
	H.P. Kiln Corporation	Wood Related Industry	2.5	Chester	
	Hale Company	Wood Related Industry	8.6	E. Arlington	
	Haynes Brothers, Inc.	Wood Related Industry	12.1	Wilmington	267.0
	Hillsboro Sugarworks	Non-Wood Related Industry	3.0	Bristol	
	Lamell Lumber Corporation	Wood Related Industry	5.0	Essex Jct.	
	Lyndon Woodworking, Inc.	Wood Related Industry		Lyndon	267.0
	Manchester Wood	Wood Related Industry		Manchester	267.0
	Marty Moore Greenhouses	Greenhouse/Nursery	3.4	Bennington	268.0
	Montgomery Schoolhouse	Wood Related Industry		Montgomery	
	Montpelier H'way Garage	Public Facility	0.2	Montpelier	269.0
	National Clothespin Co.	Wood Related Industry	1.1	Montpelier	
	North Country Union H.S.	School/College/Univ.	3.0	Newport	270.0
	Northfield Wood Products	Wood Related Industry	1.2	Northfield	
	Northland Products, Inc.	Wood Related Industry	1.5	Richford	270.0
	Ox-Yoke Farm	Non-Wood Related Industry	2.5	Enosburg Falls	
	Peoples Academy	School/College/Univ.	2.3	Morrisville	271.0
	Pompanoosuc Mills, Inc.	Wood Related Industry		East Thetford	
	Pratt Read & Co.	Wood Related Industry	8.6	Morrisville	

All Biomass Facilities Sorted By Company

State	Company	Industry Type	Boiler Output (MMBTU)	City	Long Form Page
VT	Roadside Marine	Misc.	1.5	Williston	271.5
	Smith Inc.	Misc.	6.3	Londonderry	
	Spartan Industries	Wood Related Industry	5.1	Fairfield	
	Spate's Business Complex	Non-Wood Related Industry	3.0	Newport	272.0
	St. Francis Xavier School	School/College/Univ.	1.0	Winooski	273.0
	St. Johnsbury Corr. Center	Public Facility	2.0	St. Johnsbury	274.0
	Stanley Tools	Wood Related Industry	10.0	Pittsfield	
	Sweat-Comings Company	Wood Related Industry	8.6	Richford	
	Townshend Furniture Co.	Wood Related Industry		Townshend	
	Trading Post	Non-Wood Related Industry	1.0	Montpelier	275.0
	True Temper Corp.	Wood Related Industry	8.6	Wallingford	
	True Temper Corp.	Wood Related Industry	4.2	St. Johnsbury	276.0
	VT State Capitol Complex	Public Facility	10.0	Montpelier	277.0
	Vermont Chairs, Inc.	Wood Related Industry		Readsboro	
	Vermont State Hospital	Hospital/Health Care	10.0	Waterbury	278.0
	Vermont Wood Industries	Wood Related Industry		Bristol	278.5
	Weston Priory	School/College/University	1.0	Weston	279.0
	Weyerhaeuser Company	Wood Related Industry		Hancock	
	Whimsicality, Inc.	Non-Wood Related Industry	0.2	Barre	280.0
	Windsor Correc. Facility	Public Facility		Windsor	

INDEX H: FACILITIES THAT COGENERATE ELECTRICITY

State	Index of Firms that Generate Electricity	Annual Generation (KWH)	Annual Power Sold (KWH)	Capacity (MW)	P
CT	Wm. Pinchbeck Inc.	112,300			8
MA	Montgomery Rose Co, Inc.	1,250,000	750,000		9
ME	A.R. Lavalley, Inc.	4,800,000	2,400,000	6.4	10
	Babcock Ultrapower 2 of 2			24.5	10
	Babcock Ultrapower 1 of 2			24.5	10
	Beaverwood Joint Venture			17.0	
	Dirigo Dowels	800			11
	Fairfield Energy Venture			30.0	
	Forster Mfg Co. 1 of 4	7,000,000			11
	Forster Mfg Co. 2 of 4	2,000			11
	Forster Mfg Co. 4 of 4	5,200,000			12
	Greenville Steam Company	75,000,000	75,000,000	16.0	12
	Least Financing Corporation	40,000,000		11.5	12
	Robbins Lumber, Inc.	6,021,000	3,621,000		
	S.D. Warren Company 1 of 2			50.0	13
	U.S. Energy Corporation	31,000,000	27,000,000	35.0	14
	Wheelabrator -formerly Sherman	127,000,000		17.5	14
NH	Alexandria Power Assoc.			13.0	
	Bioenergy Corporation			12.0	15
	Bridgewater Power Co.			17.0	15
	Hemphill Power and Light			16.0	16
	Pinetree Power-Tamworth			20.0	16
	Pinetree Resource Systems Inc.			17.0	16
	Tillotson Rubber Co Inc.	3,500,000		0.8	17
	Timco, Inc.	29,000,000	29,000,000	3.5	17
	Whitefield Power & Light			16.0	17
NY	Harden Furniture 1 of 2	3,000,000	3,000,000		20
	International Paper Co. 4 of 4	30,000,000			21
	Lyons Falls Pulp			18.0	21
	Proctor & Gamble			20.0	22
PA	Wood Mode Cabinetry	1,590,899	1,590,899		25
VT	Burlington Electric Dept.	100,426,500	100,426,500	50.0	26
	Decker Energy International			25.0	26
	Ethan Allen Inc. 4 of 6			0.5	26
	Georgia Pacific Corp. 1 of 2	6,300,000	6,300,000	4.0	26

Section Five:

Resources for Further Information

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State Wood Energy Contacts in the Northeast

CONNECTICUT:

William Quigg
Office of Policy and Management
Energy Division
80 Washington Street
Hartford, CT 06106
(203) 566-2800

DELAWARE:

James Charney
Bureau of Forestry
Department of Agriculture
2320 S. Dupont Highway
Dover, DE 19901
(302) 736-5644

MAINE:

Bruce White
Maine Office of Energy Resources
State House Station #53
Augusta, ME 04333
(207) 289-3811

MARYLAND:

Allan Moon
Dept. of Natural Resources
Maryland Forest Park and Wildlife
Taves State Office Building
Annapolis, MD 21401
(301) 974-3776

MASSACHUSETTS:

Irving Sacks
Executive Office of Energy Resources
100 Cambridge Street, Room 1500
Boston, MA 02202
(617) 727-4732

NEW HAMPSHIRE:

Richard Schondelmeier
Governor's Energy Office
2 1/2 Beacon Street
Concord, NH 03301
(603) 271-2711

NEW JERSEY:

Ed Lempicki
Principal Forester
Division of Forestry
Department of Environmental Protection
John Fitchway Plaza
Trenton, NJ 08625
(609) 984-3861

NEW YORK:

Jeffrey Peterson
NYSERDA
2 Rockefeller Plaza
Albany, NY 12223
(518) 465-6251

PENNSYLVANIA:

Paul Szabara
Forest Advisory Service
P.O. Box 1467
Harrisburg, PA 17120
(717) 787-2105

RHODE ISLAND:

Rodger Buck
Governor's Energy Office
295 Westminster Mall
Providence, RI 02903
(401) 277-3370

VERMONT:

Norm Hudson
Vermont State Energy Office
State Office Building
Montpelier, VT 05602
(802) 828-2393

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