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Navajo Tribal Utility Authority

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Final Report Navajo Electrification Demonstration Program

FY2002 and FY2003
Cooperative Agreement
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A consortium consisting of the following partners have also assisted with the implementation of the Navajo Electrification Demonstration Program (NEDP):

= PARTICIPATING ORGANIZATIONS:

- Navajo Tribal Utility Authority
- Navajo Tribal Utility Authority Management Board
- Navajo Tribal Utility Authority – Districts and Sub-Offices
- Navajo Nation Government Offices:
 - Navajo Nation Office of President /Vice President
 - Navajo Nation Council
 - Navajo Nation Land Department
 - Fish and Wildlife
 - Historical Preservation
 - Environmental Protection Service
- Bureau Of Indian Affairs:
 - BIA Real Estates Service
 - BIA Environmental Office
- Jemez Mountains Electric Cooperative Services, Inc.
- Continental Divide Electric Co-op
- City Of Gallup - Electric
- City Of Farmington - Electric

= CONTRIBUTORS:

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- SGS Writer- Legal Survey and Field inspection

= GOVERNMENT PARTNERS:

- U.S. Department of Energy - Golden Field Office
- U.S. Department of Energy - Washington Headquarter Office
- U.S. Department of Energy-Sandia National Labortory
- NM Senator Bingaman's Office
- NM Senator Domenici's Office-
- Rural Utilities Services - USDA, Rural Utilities Electrification, Mr. Larry McGraw

= TECHNOLOGY PARTNERS:

- Rural Utilities Services - USDA
- Sandia National Laboratories

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1. Preface

Under the sponsorship of United States Senators, Jeff Bingaman and Pete Domenici, Congress passed Public Law 106-511, Section 602. P.L. 106-511 passed by the House on October 19, 2000 and by the Senate on October 24, 2000. The legislation authorized the Navajo Electrification Demonstration Program (NEDP) to be funded \$15 million per year for five years. President Clinton signed the Bill into Law on November 13, 2000. Public Law 105-611 allows for rural electrification of homes on the Navajo reservation that lack basic electrical services.

Subsequently, for FY2002 (the first year), Congress appropriated \$2,811,000 dollars for the program. President George W. Bush signed the Energy and Water Appropriations Bill. The grant funds were allocated to two separate eligible programs, a program for *electric line extensions* to homes with a budget in the amount of \$2,011,000 dollars. The remaining \$800,000 dollars was used for *Hybrid Photovoltaic Solar Power Systems*.

The Energy and Water Appropriations Bill for FY 2003 approved \$2,3 million for the NEDP. The second year grant funds were divided equally between electric line extensions and photovoltaic power systems. Each of the eligible programs was allocated \$1,150,000 dollars.

Throughout implementation, NTUA worked with the Department of Energy (DOE) Golden Field Office, Golden Colorado, for electric line extension program. The first year cooperative agreement was signed on May 1, 2002. The budget period was from May 1, 2002 to December 31, 2002. The second year cooperative agreement was from September 1, 2003 to April 30, 2005. The project period was from May 1, 2002 to April 30, 2005.

NTUA provided electric line extensions to seven hundred sixty nine (769) families living throughout the Navajo Nation. For many of these families, electricity was provided for the first time.



NM Senator Jeff Bingaman (far left) and David Garman (DOE), present the first NEDP checks to then Navajo Nation President Kelsey Begay and then NTUA General Manager Randall Medicine Bear.



11. Executive Summary

The Navajo Nation, or *Dine Bi keyah* (Land of the People), extends within the States of Arizona, New Mexico and Utah, covering over 27,000 square miles, including all or parts of 13 counties in those states. *Dine Bi keyah* is larger than 10 of the 50 states in the United States, and is equivalent to the size of West Virginia. Much of *Dine Bi keyah* is extremely remote and isolated, with significant renewable and non-renewable natural resources, including surface and ground water, range lands, forests, mountain regions rich with wildlife, irrigated farmlands, lakes (with various species of fish), as well as substantial reserves of coal, oil and natural gas.

The families provided with NEDP electrical line extensions live in the following states: Arizona, New Mexico, and Utah. The majority of the families served live in Arizona. New Mexico had the next largest number of customers served. A few of the NEDP families in New Mexico live within areas that are served by either municipals or electric cooperatives. NTUA worked with these entities to provide electric line extensions to these families throughout the Four Corners region.

According to the “2000/2001 Comprehensive Economic Development Strategy” report from the Navajo Nation Division of Economic Development, 56.1 percent of Navajo people live below the poverty level with a per capita income of \$6,217, and an unemployment rate at 43.65 percent.

The Navajo Nation is challenged daily by the tasks associated with attracting businesses to a business environment that has little or no infrastructure.

On a regular basis, several businesses explore the possibility of locating to the Navajo Nation before realizing the obstacles of inadequate paved roads and lack of electricity, water, telecommunication, and police and fire protection services.

According to the Navajo Department of Transportation, there are approximately 9,286 miles of public roads, with 78% of those roads being dirt or graveled.

According to the 'Census 2000' report from the Navajo Nation Division of Economic Development, of the 68,744 housing units on the Navajo Nation, 15,279 homes or 31.9 percent, lack complete plumbing; 13,447 homes or 28.1 percent, lack a complete kitchen facility; and 28,740 homes or 60.1 percent, lack basic telephone service.

The number of housing units that lack electrical services is roughly the difference of 33,683 residential accounts that NTUA provides residential electric services and the number of housing units of 68,744. The projected number of housing units not electrified is 34,061. This is according to the reported number of housing unit structures by the Division of Economic Development. The number of residential accounts is according the Navajo Tribal Utility Authority summary of customers served.

The Navajo Nation continues to have a challenge – a long way to go before a majority of all housing units have access to electricity. With the continued funding through the Navajo Electrification Demonstration Program, the Navajo People will have a realistic opportunity to receive affordable electric services.

111. PROJECT MANAGEMENT

Project Manager

The Navajo Tribal Utility Authority (NTUA) assigned a Project Manager to oversee the program. The NEDP Project Manager ensured that facets of the program met the requirements of the contract and developed the Scope of Work, completed progress reports, and worked with the District NEDP team leaders in the execution of new line extensions. Designated employees ensured the program met the necessary oversights to achieve the goals and objectives of the Navajo Electrification Demonstration Program.

Planning

The Project Manager developed overall plans with input from all areas of the organization including business areas such as engineering, executive management, finance and accounting, customer service, public relations, and districts offices. Also, NTUA planners and non-NTUA partners, worked together to insure everyone understood and were committed to plans to expend NEDP funds in the most effective and well-organized process.

Project Schedule

Project schedules were developed and modified as needed to expend the grant funds. A delay in completing the first phase occurred due to an unanticipated business system cutover pertaining to summary of projects expenditures. This has since been resolved and the additional unspent funds were allocated to additional clients. The project schedules were used to manage the implementation of this program. The project schedule, used to track the progress of the program, coordinated the activities of customer service, engineering, and construction. In addition, different departments of NTUA used the schedule to manage their resources as needed to meet crucial timelines. The Project Manager and District Team Leaders were responsible for maintaining and updating the project schedule and keeping all parties properly informed.

Reports

The NTUA Project Manager tracked the overall execution of the project and submitted quarterly reports to the Department of Energy. The reports were shared with NTUA executive managers, the NTUA Management Board, and the Navajo Nation Government. Summary quarterly financial activity reports, which included the numbers of Navajo residents supplied with electric service, were provided to the Department of Energy Project Officer.

The NTUA also provided annual reports to the Department of Energy. The annual report included background information, project objectives, a project plan with key milestones, roles and responsibilities. The report also highlighted the project status, accomplishments, and planned activities (and those that were not completed as planned), and a summary of activities proposed for the remaining project period, including any issues or barriers that may have hindered the project.

1V. CUSTOMER SERVICE

Identify Customer Households

The grant funds allocated for electric line extensions were used to achieve the greatest, positive electrification impact to Navajo Nation homes. To that end, clients living closest to existing power lines were selected for line extensions.

The selection criteria were as follows: The customer must live within one mile of an existing power line; the house must be wired for electrical services and have a signed certification of house wiring; the customer must complete all NTUA service request forms, the house must be lived in as primary residence; the customer must have a Navajo Nation Home Site Lease, and must have completed or be in final process of right of way for utilities. Customers living further away than one mile from a power line were considered if at least three clients could be served.

Subject to Congress appropriating funds in subsequent years for this project, NTUA will build and upgrade power lines and power systems to provide electric services to Navajo Nation households.



Evaluation of Customer Homes

The identified customer homes were checked for appropriate house wiring, service entrance for electric service, and the distance from existing electric power lines. Site-specific information was collected to complete engineering design for construction coordination. Additionally, the houses were required to have certification of housing wiring by a state-licensed electrician. The certification is necessary to mitigate liability of homeowner's residence wiring.

Non-NTUA Participants

Each household selected for this portion of the project met all the requirements of the Navajo Nation and Federal Laws and Regulations regarding environment and cultural resources. The NTUA Right Of Way Agent worked on the Grant of Easements for all electric power line extension projects. The Right of Way Agent also addressed all requirements concerning environmental or cultural resources.

Customer Service

NTUA worked closely with the District Customer Services personnel, helping to establish a solid rapport between NTUA and its NEDP customers. The District Offices staff and the NTUA Public Affairs department identified avenues to effectively communicate to the public, including relaying information about requirements detailed

under this electrification program, included producing educational material for customers in video, audio or printed formats. The offices prepared information packets and maintained a record of any media-related story regarding NEDP.

Customer Documentation

In addition to acquiring customer data for this portion of the project, NTUA continued gathering customer data and identifying households, which are still not served with electrical power. NTUA worked with and queried with Navajo Nation Chapters. Chapters are local Navajo Nation government offices and are located throughout the Navajo Reservation. Navajo Nation Division Offices under the Navajo Nation Government are also good sources of information.

V. ENGINEERING

NTUA ensured that all pertinent engineering design data and engineering documentation were developed to meet National Electric Safety Code on power lines, as well as the National Electric Code as it applies to residential service entrance. NTUA follows standards set by the Department of Agricultural Rural Utility Services for electric power line construction.

Engineering Documentation

The following specific engineering designs are archived for each of the electric power line extension to customers' houses: Staking Sheets, Line Extension Designs, Service Entrance Inspection, Bill of Materials, Field Data, and Legal Surveys, if it was needed; Grant of Easement for line extensions, Cultural of Environmental Clearances, and Environmental Assessment, if it were required.

Engineering Analyses

Electrical Engineers performed line load analyses on the impact of additional new customer loads on the NTUA electrical distribution system. The conclusion was that all the NEDP projects for line extensions had minimal impact the existing electric power systems.

In future funding years, however, this will not be the case. As more customers are connected to the electric power line grid, the capacity of the power lines may well be impacted and some of the appropriations may be used to upgrade capacity as well as convert electric power lines from single-phase electric lines to three phase electric lines.

Service Line Extension

The Engineering Technicians completed field surveys of the customer and prepared a design of the power line extension. The Engineer plotted proposed power lines routes on quad paper or directly used GPS (Global Position System) Geography Information System to prepare the design showing the location of the customer and line extensions.

Power Line Design

Engineering technicians field staked all pole locations in the field for both environmental clearances and construction. A Bill of Material is prepared showing the quantity of the correct assembly and part numbers. All designs are in accordance with National Electric Safety Code as well as comply with Rural Utility Services Distribution Construction Standards. Service drops will comply with the National Electric Code.

V1. FINANCE AND ACCOUNTING

The Finance Department performs expenditures tracking and completes financial reports to DOE and requested for reimbursement of funds expended on power line projects for clients. Purchase Requisitions and Purchase Orders are used to order materials for construction and other expenditures to support the project.

Business System

NTUA SAP Business System tracked all financial expenditures to support the Navajo Electrification Demonstration Program. The overall budget was set up in SAP so that each of the district offices was allocated a budget to expend for customer connections in operating areas. The district offices were held accountable for their budgets and the Project Manager monitored the expenditures. A monthly financial report was generated to review the expenditures to ensure progress was made and no non-compliant expenditures were made. Upon review, abnormal situations were brought to the attention of NTUA Executive Management. The SAP business system provided detailed financial information to track the project and provided an audit trail for post assessment of expenditures.

The NEDP Projects were set up in SAP to link to one Project identification number identified as NEDP through WBS elements and settlement rules.

Service Order Numbers

Each District NEDP Project Leader managed their service order numbers for their respective district offices. The service order numbers linked to the project identification numbers of each specific WBS elements pertaining to a major task, such as preliminary survey and engineering design, utility right of way acquisition, meter installation, transformer installation, construction, construction as-built, and engineering inspection. The business computer system using WBS elements summarized the cost for each facet of projects.

Material Invoices

The NTUA Central Warehouse purchased all materials and supplies needed for the power line extension projects. The central warehouse provided materials and supplies to other district warehouses. The NTUA Accounting Department paid all the supplier invoices. Enough materials were available to complete line extensions for clients. No problems were encountered because of unavailability of materials and supplies.

Funds

NTUA purchased materials and paid for labor costs and later requested for funds reimbursement, as needed. No advance funds were requested for the duration of the project.

Payment

Construction material costs were paid by NTUA upon delivery of the materials and later reimbursement for the expenditures was processed. NTUA did not have any outstanding invoices to pay related to NEDP projects.

V11. MATERIAL MANAGEMENT

As part of its operations, NTUA manages its construction materials and supplies to the best of its ability. In regards to NEDP projects, NTUA used the same process to account for materials and supplies expended on power line extensions. Materials management by NTUA includes ensuring inventory, issuing materials, and storing materials. The NTUA warehouses handle all materials for construction of power lines.

Materials

The Warehouse Supervisor is responsible for forecasting and ordering the materials needed for the Navajo Electrification Demonstration Project. Engineering reference drawings included picking list of materials used on individual projects. Accounting Department used the list to transfer plant to assets and provide final cost summaries for each power line extensions. The warehouse personnel order the materials by issuing a purchase requisition and purchase order.

Inventory

NTUA provides material inventory control in its normal business operations. Material issued for line extensions was checked for correctness. The construction as built has all the items for a particular line extension. The NTUA business system generates reports showing materials associated with order numbers.

Material issue

The warehouse personnel issued materials to construction personnel for line extensions to houses for electrification. Prior to issuance of materials, warehouse personnel verified quantities and items ordered for the power line extensions. Upon material verification, construction personnel signed out for the material and delivered to job sites.

Storage

All construction materials and supplies were stored following NTUA procedures and processes. The process ensures construction materials are set aside and secured for expedient construction of power line extensions. No loss of material and supplies occurred during construction of projects.

V111. CONSTRUCTION

Qualified NTUA construction personnel performed the construction of the primary and secondary distribution lines to serve the homes of NEDP customers. Qualified personnel included different classified, skilled laborers and engineering personnel. These positions are the following: Journey Linemen, Journeyman Electricians, Field Superintendents, and Engineering Technicians.

Construction Foremen lead the construction of power lines. They were responsible for the coordination and planning of fieldwork and arranging for heavy equipment. The Construction Foremen responsibilities included ensuring adequate materials and appropriate equipment availability for power line extension projects. They also scheduled work crews to build power lines.

NTUA will provide any maintenance for the electric power lines constructed. In the future, if the lines are damaged due to weather, vandalism, or other mishaps, NTUA will repair and resume electric services to consumers. NTUA will provide the operation and maintenance of the line constructed. NTUA will also properly maintain and operate the power lines in accordance with acceptable industry practices. The construction of a distribution line consists of the following tasks:

Power line construction is routine in the tasks involved. The repetitive tasks include pole staking to ensure proper alignment of poles relative to surveyed points for pole locales. Engineering Technicians did the pole staking for construction personnel. The pole staking was performed ahead of the crew.

Primary pole structures were installed according to the construction drawings and specifications provided by engineering, and deviations were reported and approved by engineering. These changes were then incorporated into the construction as built. Each of the power line projects now has a construction record.

If power line construction include a secondary pole for lower voltage, which is at customer utilization levels the installation was installed according to the construction drawings and specifications provided by Engineering Department. Proposed deviations by construction personnel were discussed and approved or disapproved

by Engineering personnel. Secondary meter loops were installed according to the NTUA specification as noted on its engineering drawings and specifications provided by the Engineering Department, and any deviations reported and approved by Engineering.

Under FY2002 and FY2003 funding, NTUA did not do house wiring for houses. In future years, this scope may be necessary for some of the clients that desire electrical service to their homes, and will be installed according to engineering drawings and specifications provided by Engineering Department. The house wiring shall adhere to the latest Navajo Nation, State, Federal, and National Electrical Codes. Any deviations will be reported and approved by Engineering.

While the work is in progress, it is the responsibility of the Construction Foremen to ensure the work is being conducted with minimal deviations. Upon completion and closeout, a professional engineer will inspect the project. A Professional Licensed Engineer inspected a number of orders; to ensure construction practices of NTUA met the National Electric Safety Code.

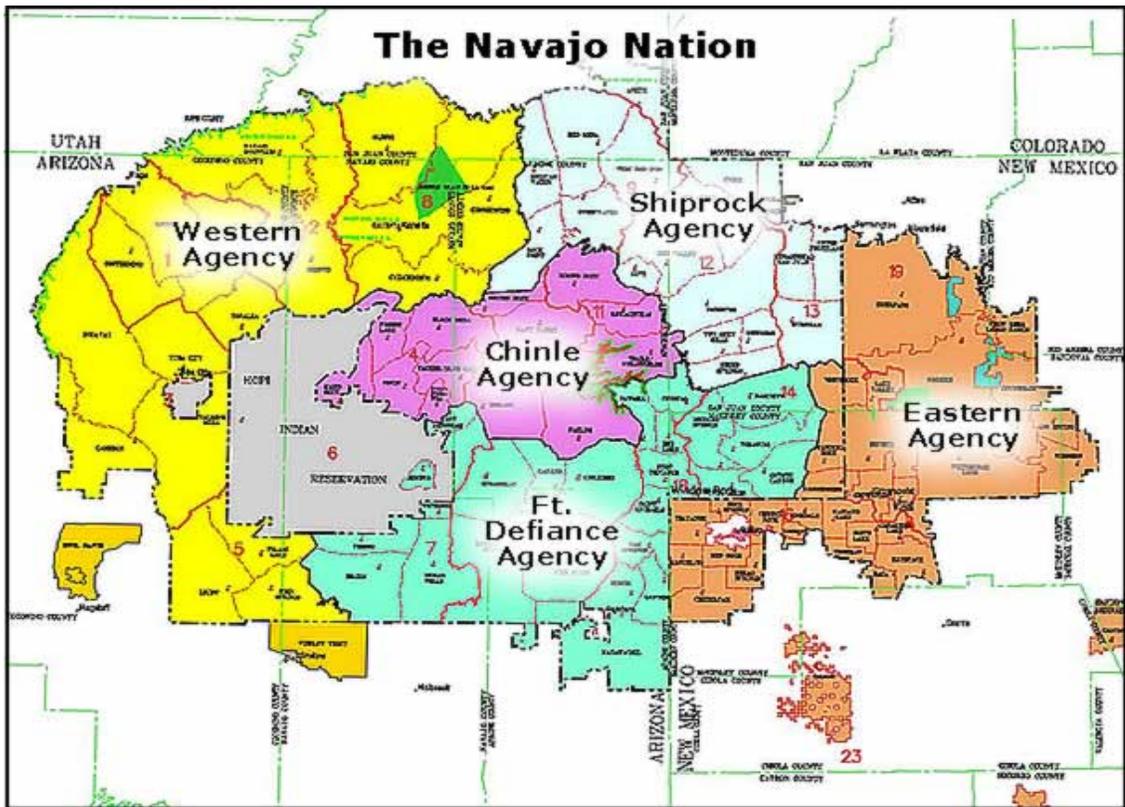
Equipment needed was made available and scheduled for construction crews in advance of construction. If they did not have equipment available, NTUA rented digger derricks. NTUA allows only qualified equipment operators to operate equipment. Equipment Operators must be safety oriented in carrying out their duties. The Construction Foremen must ensure all personnel adhere to safety standards. A tailgate safety session was conducted prior to each day of work.

The Construction Foremen planned and scheduled work to be done well and lead their crews well in the execution of the NEDP construction. They scheduled and arranged for the required equipment for construction activities.

A final phase under the construction of electric power lines extensions is the project close out. All the projects were closed in the business system so that additional charges would cease. The closed out orders then went to Accounting Department for transferring assets to electric plant. The individual orders have detailed financial records that can be accessed for review in the NTUA business systems. The engineering documents are available for review as well.

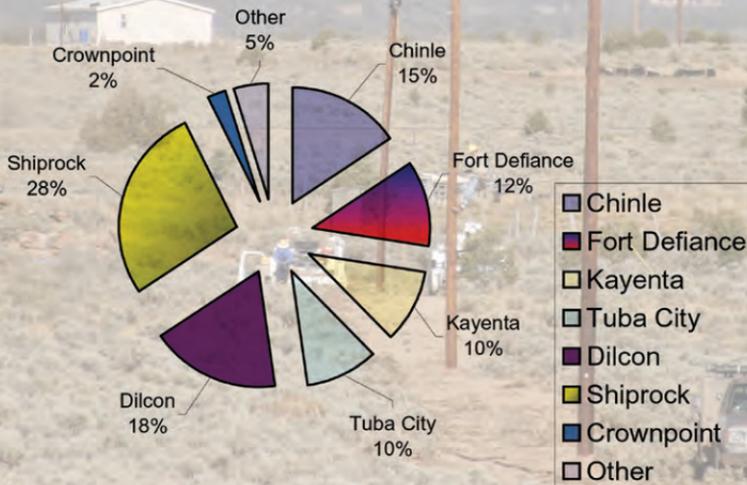
The map shown in the next page shows the boundary of the Navajo Nation. Electric line extension projects were made in these areas.

Map of the Navajo Nation



Navajo Tribal Utility Authority Navajo Electrification Demonstration Program Fiscal Year 2002

District Office	# of Project
Chinle	88
Fort Defiance	69
Kayenta	59
Tuba City	56
Dilcon	101
Shiprock	156
Crownpoint	14
Other	27
Total	570



Note:
For Fiscal Year 2002, NTUA funded 570 projects throughout the Navajo Nation. NTUA also funded 27 electric line extension projects that were outside its territory in New Mexico.

**Navajo Tribal Utility Authority
NEDP Customer Listing
Fiscal Year 2002**

NNEDP Client	Location	Length (Feet)	District	NNEDP Client	Location	Length (Feet)	District
Jerelynn Begay	Steamboat	600	Chinle	Sandra B. Yazzie	Rough Rock	1,088	Chinle
Rena Tsosie	Tachee/Blue Gap	555	Chinle	Matthew W./Dorothy Thompson (2 c	Ganado	458	Chinle
Alta Y. Curley	Tachee/Blue Gap	906	Chinle	Emily Hot	Rock Point	370	Chinle
Tommy Yellow, Jr.	Kitsillie	855	Chinle	Margaret Etcitty	Ganado	1,582	Chinle
Katherine C. Yazzie	Steamboat	891	Chinle	Edward Gee	Low Mountain		Chinle
Cara Joe	Steamboat	554	Chinle	Gloria Pete	Ganado	3,614	Ganado
Myrtle Curley	Steamboat	1,024	Chinle	Angela Begay	Ganado	476	Ganado
Willie James	Kinlichee	1,501	Chinle	Betty Etcitty	Nahodishgish	138	Crownpoint
Lisa B. Burbank	Tselani/Cottonwood	595	Chinle	Alice McFadden	Nahodishgish	295	Crownpoint
Gladys C. Martinez	Low Mountain	486	Chinle	Edison Johnson	Standing Rock	246	Crownpoint
Rose Marie Brown	Steamboat	422	Chinle	Gilbert Yazzie	Standing Rock	133	Crownpoint
Evangeline Begay	Rock Point	1,314	Chinle	David D. Johnson	Standing Rock	800	Crownpoint
Caroline Haskan	Pinon	300	Chinle	Nancy Tso	Standing Rock	209	Crownpoint
Zonnie Yazzie	Low Mountain	691	Chinle	Jack Willie Jr. & Jennie Bradley	Standing Rock	314	Crownpoint
Cordell Mike	Low Mountain	525	Chinle	Melvin/Lou Ann Badonie (2 custome	Tohatchi	512	Crownpoint
Wallace Descheenie	Chinle	1,136	Chinle	Jerry Elwood	Standing Rock	174	Crownpoint
Ella Mae Singer	Cottonwood	675	Chinle	Patricia Bowman	Coyote Canyon	275	Crownpoint
Willard F. Yazzie	Chinle	993	Chinle	Tony A. Sr./Lucy P. Becenti (2 custo	Becenti	130	Crownpoint
Charlene Gorman	Chinle	1,318	Chinle	George Etcitty, Sr.	Nahodishgish	153	Crownpoint
Theresa Jeffy	Chinle	777	Chinle	Virgil Rogers	Indian Wells	1,033	Dilcon
Joanne A. Hunter	Chinle	440	Chinle	Benjamin Yazzie	Dilcon	1,019	Dilcon
Rosita Dominquez	Chinle	757	Chinle	Calvin Morris	Dilcon	564	Dilcon
Gilbert Yazzie	Nazlini	344	Chinle	Roger Descheenie	Leupp	442	Dilcon
Teddy Draper Jr.	Chinle	499	Chinle	Charlene Billie	Leupp	538	Dilcon
Jerrison Totsoni	Kinlichee	870	Chinle	C.Smith/S.McCabe/C.Curley (3 c	Leupp	1,303	Dilcon
Albert Woody	Nazlini	590	Chinle	Nephew Chee Nez	Dilcon	2,005	Dilcon
Tom Pearl	Nazlini	560	Chinle	Elizabeth J. Dixon	Dilcon	629	Dilcon
Walter Begay	Blue Gap	182	Chinle	Cecil Miles	Dilcon	737	Dilcon
Polley Bitsuie	Tachee/Blue Gap	823	Chinle	Leonard Seaton, Sr.	Dilcon	1,637	Dilcon
Ronald Aaron Begay	Blue Gap	1,022	Chinle	Joyce L. Yazzie	Birdsprings	1,368	Dilcon
Phyllis Begay	Blue Gap	937	Chinle	Ernest Bitsui	Steamboat	210	Dilcon
Barbara Kee	Klagetoh	720	Chinle	Alice Smith	Leupp	1,035	Dilcon
Amos Yazzie	Klagetoh	1,750	Chinle	Alice Store	Leupp	1,445	Dilcon
Irene Parker	Klagetoh	475	Chinle	Lance Frank	Leupp	461	Dilcon
Ella Mae Kaye	Ganado	1,517	Chinle	Bobby J. Russell/Virginia Clay (2 Birdsprings	Birdsprings	1,252	Dilcon
Edison Chee	Pinon	972	Chinle	Jeanette Chee	Leupp	711	Dilcon
Jack Begay	Steamboat	708	Chinle	Cecil J. Wilson, Sr.	Indian Wells	274	Dilcon
Louise Faber	Lukachukai	999	Chinle	Thomas Yellowhair	Whitecone	298	Dilcon
Magdalene R. Thomas	Many Farms	197	Chinle	Carlos/Beverly Chischillie (2 cust	Teesto	1,518	Dilcon
Lori Preston	Wide Ruins	1,100	Chinle	Benson/Mary Yazzie (2 custome	Teesto	720	Dilcon
Travis Lee John	Whippoorwill	306	Chinle	Judy Spencer	Greasewood Spri	1,250	Dilcon
Herman K./Betty M. Nez (2 custome	Whippoorwill	1,232	Chinle	Emerson Joe	Greasewood Spri	2,231	Dilcon
Elmer T./Nellie T. Begay (2 custome	Pinon	1,582	Chinle	Marcia Tapaha	Greasewood Spri	809	Dilcon
Karen Cline	Salina Springs	863	Chinle	Linda Begay	Leupp	880	Dilcon
Zonnie Begay	Rough Rock	546	Chinle	Betty Clow/Marie L. James (2 cu	Greasewood Spri	748	Dilcon
Mary Silversmith	Chinle	625	Chinle	Sadie Joe	Greasewood Spri	201	Dilcon
Dennis Bia	Ganado	364	Chinle	Kenny Long/Shelby Kinlecheenie	Dilcon	312	Dilcon
Tom Burbank	Cottonwood	93	Chinle	Benny Mann Sr.	Indian Wells	1,071	Dilcon
Herman Yazzie	Steamboat	300	Chinle	Terry Singer	Birdsprings	257	Dilcon
Bessie Henry	Chinle	742	Chinle	Maggie Benally	Jeddito	350	Dilcon
Laura Y. Calvin	Low Mountain	724	Chinle	Charley T. Begay & Ruth Begay	Jeddito	2,146	Dilcon
Nita Nez	Rock Point	833	Chinle	Lydia Lee	Jeddito	1,173	Dilcon
Nora Anderson	Lukachukai	1,085	Chinle	Edith Nez	Greasewood Spri	751	Dilcon
Mary Ann Begay	Rough Rock	811	Chinle	Susan Laughlin	Jeddito	727	Dilcon
Alvin Hoskie	Many Farms	750	Chinle	Marie Lester	Indian Wells	696	Dilcon
Shirley A. Yonnie	Pinon	1,766	Chinle	Gerald/Linda Franklin (2 custome	Leupp	509	Dilcon
Theresa Litzin	Wheatfields	332	Chinle	Milton/Eva Benally (2 customers)	Leupp	1,168	Dilcon
Dana Yazzie	Rough Rock	1,121	Chinle	Herman Tso	Leupp	701	Dilcon
Frank Roanhorse	Tsaile/Wheatfields	522	Chinle	Charley Singer, Jr.	Birdsprings	1,433	Dilcon
Nelson Hobb	Tsaile/Wheatfields	234	Chinle	Sarah L. Mitchell	Birdsprings	232	Dilcon
Martha Mata	Lukachukai	540	Chinle	Linda Mitchell	Birdsprings	281	Dilcon
Wilfred D. Brown	Tsaile/Wheatfields	451	Chinle	Cecelia Spencer	Indian Wells	1,778	Dilcon
Davine Yazzie	Pinon	506	Chinle	Melvin Williams	Whitecone	493	Dilcon
Sally E. (Kee) Nez	Cottonwood	913	Chinle	Richard D. Mitchell	Indian Wells	1,039	Dilcon
Valerie Towne-Snyder	Chinle	1,375	Chinle	Ernest Smith	Dilcon	2,495	Dilcon
K.Etsitty,L.Tsosie,& D.VanWinkle (3	Del Muerto	1,855	Chinle	Kee Chee	Jeddito	599	Dilcon
Carmelita Tsosie	Klagetoh	651	Chinle	Johnson/Iva Curley (2 customers)	Jeddito	906	Dilcon
Clara Yazzie	Blue Gap	379	Chinle	Elsie Benally	Leupp	479	Dilcon
David H. Lincoln, Sr.	Ganado	1,050	Chinle	Amos/Bessie Francis (2 custome	Dilcon	155	Dilcon
Yvonne Toledo	Klagetoh	360	Chinle	Rena A. John	Jeddito		Dilcon
Tonita Anderson	Lukachukai	575	Chinle	Mae Chee Benally	Jeddito		Dilcon
Rose Mary Natoni	Blue Gap	995	Chinle	Michael Tsosie/Charlinda Nezzie	Dilcon	583	Dilcon
Carl Steve	Blue Gap	566	Chinle	Curlinda Lake	Indian Wells		Dilcon
Pauline Lee	Pinon	847	Chinle	Kee Sam	Jeddito	1,489	Dilcon
Woodys, Tsosies, & Cleveland (3 cu	Steamboat	4,174	Chinle	H. Kee/G.C. Benally/L.&M. Archi	Jeddito	2,634	Dilcon
Carol Nalwood	Pinon	145	Chinle	Cheryl Dixon	Whitecone	150	Dilcon

Jim Louie	Lower Greasewo	80	Dilcon	Angela Begay	Ganado	476	Ganado
Billy/Nellie Yazzie Dixon (2 custc	Dilcon	128	Dilcon	Patricia Sonny	Kayenta	353	Kayenta
Ben/Evelyn R. Begay (2 customer	Lower Greasewo	219	Dilcon	Judy Anagal	Kayenta	278	Kayenta
Bessie R. Yazzie & W. Thompso	Lower Greasewo	268	Dilcon	Betty L. Bryant	Shonto	458	Kayenta
Mary L. Dixon	Dilcon	1,840	Dilcon	Norma Smith	Shonto	906	Kayenta
Marlene Chase	Dilcon	422	Dilcon	Leonard/Lula Franklin (2 customer	Kayenta	585	Kayenta
Sam/Eva Billie	Dilcon	244	Dilcon	Evangeline Salt	Kayenta	615	Kayenta
Kathy Williams	Tolani Lake	264	Dilcon	Gilbert/Lorena Kewenvoyouma (2 cu	Inscription House	775	Kayenta
Alvin/Venita Tso (2 customers)	Teesto	1,146	Dilcon	Lori A. Luna-Etsitty	Kayenta	1,445	Kayenta
Tommie Goldtooth, Sr.	Teesto	180	Dilcon	Phillip/Vernita Watson (2 customers)	Cow Springs	925	Kayenta
Wagoners and Ida W. Yazzie	Birdsprings	2,399	Dilcon	Ruth Maloney	Cow Springs	329	Kayenta
Leland/Alvina Yazzie (2 custome	Leupp	3,167	Dilcon	Antonio A./Anna C. Pahe (2 custome	Shonto	527	Kayenta
Joe Curley	Teesto	3,719	Dilcon	Lee/Peggy Barlow	Navajo Mountain	2,031	Kayenta
Stanley Long	Dilcon	702	Dilcon	Nona Isaac	Shonto	966	Kayenta
Theodore David/Madalaine Yazz	Jeddito	1,799	Dilcon	Ben Johnson	Kayenta	255	Kayenta
Marilyn B. Francisco	Indian Wells	1,963	Dilcon	Abraham/Patty Grisham (2 customer	Inscription House	1,239	Kayenta
Leonard Gene	Indian Wells	1,945	Dilcon	Delann Cantrell & Helen Tsosie (2 cu	Inscription House	1,545	Kayenta
Jimmie/Helen Kanuho (2 custom	Dilcon	2,568	Dilcon	Jimmie Lynn Sr./Lisa Mary Jordon (2	Shonto	3,671	Kayenta
Wilfred Paddock	Dilcon	2,748	Dilcon	Robert/Avelina Reed (2 customers)	Inscription House	1,816	Kayenta
Wilbur Dickson	Dilcon	3,039	Dilcon	John Josley	Shonto	1,570	Kayenta
David/Nora J. Keyonnie (2 custo	Dilcon	4,305	Dilcon	Kate L. Charley	Chilchinbeto	2,180	Kayenta
Evelyn M. Gishie & Gilbert T. Gis	Teesto	3,897	Dilcon	Jack Johnson	Shonto	530	Kayenta
Henry Billie, Jr.	Coalmine	68	Ft. Defiance	Elwood/Betty Haycock (2 customers	Oljatoh	1,911	Kayenta
Nelson Wilson, Jr.	Sawmill	600	Ft. Defiance	Ada Navajo	Navajo Mountain	254	Kayenta
Mary L. Shirley-Blackbear	Sawmill	270	Ft. Defiance	Julius/Tina Towne	Chilchinbeto	435	Kayenta
Leonard Thomas Stewart, Jr.	Red Lake	1,850	Ft. Defiance	George Slick/Grace Adson Yazzie (2	Shonto	2,625	Kayenta
Jennifer J. Scott	Hunters Point	190	Ft. Defiance	Daniel/Cindy June (2 customers)	Dennhotso	900	Kayenta
Laverne Gutierrez	Coalmine	1,255	Ft. Defiance	Calvin Luna	Kayenta	407	Kayenta
Lucita Begay	Tohatchi	2,080	Ft. Defiance	Lorenzo Jr./Carletta Ann Isaac (2 cu	Dennhotso	4,805	Kayenta
Felix Pinto	Tohatchi	210	Ft. Defiance	Thomas/Mary Thinn Arviso (2 custor	Shonto	2,184	Kayenta
Leo T. Eagle Elk	Naschitti	460	Ft. Defiance	Shirley Blackmountain	Cane Valley	515	Kayenta
Ervin Spencer	Coyote Canyon	115	Ft. Defiance	Della N. Bitsuie	Mexican Water	161	Kayenta
Kevin Mitchell	Tohatchi	445	Ft. Defiance	Yolanda Thomas	Navajo Mountain	1,140	Kayenta
Dorann Smiley	St. Michaels	475	Ft. Defiance	Paul Sagg	Mexican Water	686	Kayenta
Mildred A. Begay	Twin Lakes	96	Ft. Defiance	Sandra Holiday & Betty Sullivan (2 c	Oljatoh	2,966	Kayenta
Inez Etsitty	Fort Defiance	107	Ft. Defiance	Dineh T./Anna G. Bronston (2 custor	Shonto	2,540	Kayenta
Leonard Nelson Begay	Fort Defiance	255	Ft. Defiance	Eileen Hurley	Dennehotso	579	Kayenta
Jefferson Brown	Twin Lakes		Ft. Defiance	Stanley/Jessie Gray (2 customers)	Mexican Water	1,164	Kayenta
Ivan McKinley	Coyote Canyon	96	Ft. Defiance	William B. Stanley	Dennehotso	967	Kayenta
Frederick Silversmith	Oak Springs	205	Ft. Defiance	Frank Jones	Mexican Water	1,363	Kayenta
Dennison Billy	Naschitti	95	Ft. Defiance	Isaac Blake	Inscription House	835	Kayenta
David Denetclaw	Sheep Springs	48	Ft. Defiance	Rose Austin	Chilchinbeto	1,902	Kayenta
Joe/Sarah Sampson (2 customers)	Hunters Point	87	Ft. Defiance	Leona J. Holiday	Oljatoh	1,235	Kayenta
Yvonne Arviso Gorman	Mexican Springs	990	Ft. Defiance	Peter Laughter	Shonto	1,793	Kayenta
Arnold/Angelene Woodman (2 custo	St. Michaels	270	Ft. Defiance	Helen Salazar	Dennehotso	1,012	Kayenta
Michelle L. Arviso	Rabbit Brush	135	Ft. Defiance	Emily Yellowhair & Elsie Simpson (2	Oljatoh	3,426	Kayenta
Melvin Yazzie	Window Rock	1,253	Ft. Defiance	Sonny Frank	Shiprock	35	Shiprock
Elvin Dooline	Fort Defiance	160	Ft. Defiance	Angelica/Adelphon Haceesa (2 custc	Shiprock	190	Shiprock
Tom L./Cheryl Kee (2 customers)	Twin Lakes	655	Ft. Defiance	Albert/Gayla Benally	Shiprock	139	Shiprock
Geraldine Williams	Oak Springs	563	Ft. Defiance	Harry Shorty, Jr./Alexandria Nakai (2	Nenahnezad	120	Shiprock
Lorene S. Tsosie	Oak Springs	1,210	Ft. Defiance	Jackie Pinto/Janet Bekise (2 custom	Upper Fruitland	40	Shiprock
Ella Mae Hale	Naschitti	541	Ft. Defiance	Lee Kee/Alice M. Williams (2 custom	Sweetwater	121	Shiprock
Herbert L. Yazzie	Twin Lakes	240	Ft. Defiance	Tulley Blackhat	Shiprock	29	Shiprock
Elsie K. Yazzie	Sawmill	368	Ft. Defiance	Earl King	Teec Nos Pos	112	Shiprock
Marie J. Tsosie	St. Michaels	855	Ft. Defiance	Carolyn Tsosie	Newcomb	125	Shiprock
Edison/Mildred K. Blackgoat (2 custc	Coalmine	300	Ft. Defiance	Raymond/Irene Nockai (2 customers)	Red Valley	85	Shiprock
Laura Barney	Twin Lakes	125	Ft. Defiance	Beverly V. Cheschilly	Sheep Springs	220	Shiprock
Doreen R. Brown	Twin Lakes	1,120	Ft. Defiance	Dorothy John	Sheep Springs	133	Shiprock
Pauline C. Curley	Fort Defiance	1,230	Ft. Defiance	Ernest Henderson	Littlewater	100	Shiprock
Colleen Bowman	Tohatchi	880	Ft. Defiance	Jennifer Paul	Sweetwater	145	Shiprock
Duranda Gruber	Twin Lakes	1,220	Ft. Defiance	Marilyn George	Rattlesnake	108	Shiprock
Genevieve Benally	Tohatchi	2,910	Ft. Defiance	Anthony/Delphine Tahe (2 customer:	Nenahnezad	125	Shiprock
H. Billie Sr., A. Scott, & E. Abe (3 cu	Fort Defiance	4,764	Ft. Defiance	Eric Jim/Sangeleta Bigman (2 custor	Shiprock	175	Shiprock
Janet Bizoti	Coyote Canyon	205	Ft. Defiance	Henry/Alice Joe (2 customers)	Shiprock	465	Shiprock
Ben Francis	St. Michaels	100	Ft. Defiance	Paul/Cecelia Begay (2 customers)	Teec Nos Pos	265	Shiprock
Johnny P. Johnson	Twin Lakes	3,940	Ft. Defiance	Leo Watchman	Sheep Springs	1,005	Shiprock
Roger/Sohia M. Peshlakai (2 custom	Fort Defiance	1,345	Ft. Defiance	Lillie Joe Hatathley	Hogback	242	Shiprock
Leon/Janis Stewart	St. Michaels	1,025	Ft. Defiance	Max/Roseanne Kellywood (2 custom	Shiprock	670	Shiprock
Paul A./Betty Yazzie (2 customers)	St. Michaels	1,140	Ft. Defiance	Joe Tom/Betty White (2 customers)	Sanostee	458	Shiprock
Antonio K./Shari Benally (2 custome	Sawmill	3,190	Ft. Defiance	Rita M. Yazzie	Mitten Rock	417	Shiprock
Lawrence Detsoi	Twin Lakes	549	Ft. Defiance	Aaron/Elsie Begay	Mitten Rock	560	Shiprock
Curtis Manygoats	Tohatchi	110	Ft. Defiance	Edmond Thompson/Cynthia M. Eldri	Two Grey Hills	775	Shiprock
Ella Spencer	Coyote Canyon	590	Ft. Defiance	Thomas Jr./Priscilla Blackhorse (2 cu	San Juan Chapter	323	Shiprock
Ernestine Clark	Coyote Canyon	195	Ft. Defiance	Tony/Nellie D. Begay (2 customers)	Sweetwater	271	Shiprock
Margaret Foster	Houck	300	Ft. Defiance	Oliver Silas	Red Mesa	1,189	Shiprock
Dee Silversmith	Houck	855	Ft. Defiance	Nelson Washburn/Alberta Evans (2 c	Newcomb	245	Shiprock
Gary Yazzie	Houck	445	Ft. Defiance	Troy Eldridge	Two Grey Hills	70	Shiprock
Theresa Clyde	Allentown	450	Ft. Defiance	Duane Niel/Jerilynn Tom (2 custome	Mitten Rock	50	Shiprock
Rita A. Lynch	Oak Springs	135	Ft. Defiance	Elvison George/Stacie Tracey (2 cus	Teec Nos Pos	120	Shiprock
Dennis Manuelito, Jr.	Mexican Springs	1,160	Ft. Defiance	Lucille Frank	Littlewater	77	Shiprock
Lucy Zimmerman	Sanders	220	Ft. Defiance	Delbert Joe/Cornellia Begay (2 custc	Sanostee	148	Shiprock
Gloria Pete	Ganado	3,614	Ganado	Johnson Begay	Red Mesa	50	Shiprock

Charleen Benally	Upper Fruitland	67	Shiprock
Mary Ann BlueEyes	Lower Fruitland	105	Shiprock
Harrison Manygoats/Joanne Hunt (2	Toadlena	122	Shiprock
Larena Washburn	Sanostee	105	Shiprock
Mae B. Brown	Sanostee	133	Shiprock
Jonah/Elvira Wood (2 customers)	Hogback	220	Shiprock
Julia Lansing	Shiprock	575	Shiprock
E. White, Daniel/Marian K. Augustin	Upper Fruitland	748	Shiprock
Eugene Sr./Marie Begay (2 custome	Sheep Springs	820	Shiprock
Betsy Simpson	Shiprock	498	Shiprock
Clarence Chavez/Miranda Rentz (2	Red Valley	350	Shiprock
Eugene Phillips/Jacqueline James (2	Shiprock	740	Shiprock
Marietta Barber	Table Mesa	228	Shiprock
Leander/Bertina Nathaniel (2 custorr	Sanostee	34	Shiprock
Chester Sr./Lucy B. Begay (2 custon	Newcomb	115	Shiprock
Teddy Mescale/Berlinda Dickson (2	Sanostee	906	Shiprock
Elden/Bertha A. Jim (2 customers)	Shiprock	180	Shiprock
Larry/Maylene Benally (2 customers)	Red Mesa	815	Shiprock
Jason Wilson/Belinda Simpson (2 cu	Upper Fruitland	540	Shiprock
Alice Burton & Shana Yellowman (2	Upper Fruitland	1,180	Shiprock
John/Alice Mae Lee (2 customers)	Shiprock	188	Shiprock
Jude S./Vivian R. Smith (2 customer	Shiprock	137	Shiprock
Royce Begaye/Marcella Tyler (2 cus	Sanostee	80	Shiprock
Keith Dempsey	Sheep Springs	50	Shiprock
Herbert Jackson Jr./Victoria Matche	Two Grey Hills	105	Shiprock
Sophina L. Brown	Two Grey Hills	75	Shiprock
Posey H./Lucy Woody McRoy (2 cus	Sweetwater	79	Shiprock
Lorraine Baldwin	Littlewater	59	Shiprock
Emma Bedah	Sanostee	280	Shiprock
Lena P. George	Red Valley	214	Shiprock
Phillip/Janice Tso (2 customers)	Rattlesnake	386	Shiprock
Wilfred/Cecelia Garcia (2 customers)	Teec Nos Pos	174	Shiprock
Gordon/Evelyn Martin (2 customers)	Newcomb	485	Shiprock
Kenneth/Marcia Barber (2 customers)	Littlewater	276	Shiprock
Maggie Joe	Shiprock	159	Shiprock
Erma N. Yazzie	Shiprock	220	Shiprock
Helen J. Yazzie	Sanostee	478	Shiprock
Leroy Begay, Jr.	Shiprock	107	Shiprock
Alexander T./Theresa A. George (2	San Juan Chapter	150	Shiprock
Betty W. Nakai	Red Mesa	565	Shiprock
Roger Etsitty, Sr./Priscilla Pinto (2	Shiprock	400	Shiprock
Fannie Harry	Sanostee	220	Shiprock
Kester Bylilly/Wanda Scott (2 custon	Shiprock	225	Shiprock
Jimmy Woody	Fruitland	232	Shiprock
Arletta R. Miller	Upper Fruitland	400	Shiprock
Virginia A. Mason	Upper Fruitland	205	Shiprock
Phyllis B. Begay	Shiprock	550	Shiprock
Robert Harrison, Sr.	Shiprock	776	Shiprock
Aaron S. Badonie	Nenahnezad	335	Shiprock
Charlotte Toney	Red Mesa	232	Shiprock
Jerry P. Tsosie & Richard Tsosie (2	Newcomb	1,204	Shiprock
F. Clark, E. Goldtooth, & R. Castillo	Shiprock	1,202	Shiprock
Leo L./Carlene Dan (2 customers)	Cudei	576	Shiprock
Tovina Yazzie	Sweetwater	460	Shiprock
Roderick/Delores A. Bitsilly (2 custor	Two Grey Hills	300	Shiprock
Sampson/Lillian M. McDonald (2 cus	Newcomb	700	Shiprock
Davis Benally	Red Valley	390	Shiprock
Christopher/Orlinda Bitsuie (2 custor	Shiprock	157	Shiprock
Roslyn Burr	Red Valley	275	Shiprock
Gloryanan Manuelito	Hogback	702	Shiprock
Jimmy/Sarah Redhouse (2 customer	Teec Nos Pos	1,790	Shiprock
Christine Charley	Rattlesnake	3,890	Shiprock
Paul A. Johnson/Sandra L. Navaho	Cudei	4,054	Shiprock
F. King & Andrew/Nelda Brewster (2	Hogback	1,668	Shiprock
Johnny/Gloria A. Nelson (2 custome	Burnham	2,226	Shiprock
Jimmy/Sadie Burns (2 customers)	Carson	1,050	Shiprock

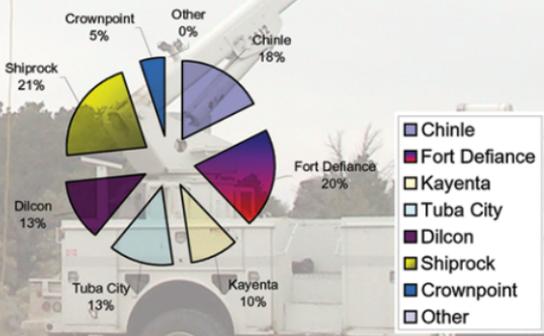
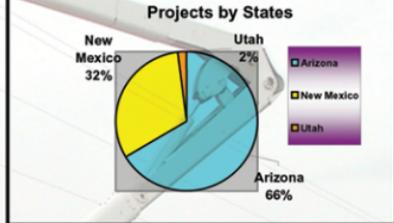
Other Utility Companies Fiscal Year 2002

Darlene Yazzie	Thoreau, N.M.	CDEC
Rose M. John	Pinedale N.M.	CDEC
Tom Desiderio	Baca, N.M.	CDEC
Gilbert John	Pinedale N.M.	CDEC
Sam Thompson	Little Water, N.M.	CDEC
Etta G. Begay	Smith Lake, N.M.	CDEC
Benjamin Chee	Vanderwagon, N.M.	CDEC
Martha Johnson	Yahtahey, N.M.	CDEC
Wilsonia King	Yahtahey, N.M.	CDEC
Matilda Mike	Yahtahey N.M.	CDEC
Mary D. Begay	Red Rock, N.M.	CDEC
Thomas and Rita James	Churchrock, N.M.	CDEC
Leroy Skeets	Vanderwagon, N.M.	CDEC
Jake Yazzie	Breadsprings, N.M.	CDEC
Jimmy Burns	Huerfano N.M.	City of Farmington
Ester Draper	Churchrock, N.M.	City of Gallup
Chester Jr & Pauline Tsinnajinnie	Torreon, N.M.	Jemez Mt.
Leonard Begaii	Huerfano, N.M.	Jemez Mt.
Bertha Keetso	Counselor, N.M.	Jemez Mt.
Emma Sandoval	Ojo Encino, N.M.	Jemez Mt.
Kenson Castillo	Torreon, N.M.	Jemez Mt.
Nellie Sandoval	Torreon, N.M.	Jemez Mt.
Myra Trujillo & Mervin Yazzie	Torreon, N.M.	Jemez Mt.
Wallace & Debra Charley	Twin Pines, N.M.	Jemez Mt.
Wilson & Betty Yazzie	Ojo Encino, N.M.	Jemez Mt.
Elizabeth Stoney	Pueblo Pintado	Jemez Mt.
Dorothy Bitsuie (Castillo)	Counselor, N.M.	Jemez Mt.

Navajo Tribal Utility Authority Navajo Electrification Demonstration Program Fiscal Year 2003

District Office	# of Project
Chinle	35
Fort Defiance	41
Kayenta	19
Tuba City	26
Dilcon	25
Shiprock	43
Crownpoint	10
Other	0
Total	199

States	# of Projects
Arizona	132
New Mexico	63
Utah	4



Note:
For Fiscal Year 2003, NTUA funded 199 projects throughout the Navajo Nation. Due to funding, NTUA elected to serve only within its service territory.

**Navajo Tribal Utility Authority
NEDP Customer Listing
Fiscal Year 2003**

Name	District	Chapter	State	AZ	NM	UT
Ashih, Glen	Chinle	Rock Point	AZ	1		
Begay, Creighton	Chinle	Chinle	AZ	1		
Begay, Jason	Chinle	Wide Ruins	AZ	1		
Begay, Mary R.	Chinle	Forest Lake	AZ	1		
Begay, Raymond & Addie	Chinle	Chinle	AZ	1		
Begay, Rena	Chinle	Whippoorwill	AZ	1		
Begay, Roselyn	Chinle	Chinle	AZ	1		
Begay, Verona	Chinle	Steamboat	AZ	1		
Bizadi, Alva	Chinle	Chinle	AZ	1		
Brown, Nelson T.	Chinle	Chinle	AZ	1		
Castilla, Darlene	Chinle	Steamboat	AZ	1		
Charley, Marie A.	Chinle	Rock Point	AZ	1		
Charley, Steven	Chinle	Whippoorwill	AZ	1		
Clitso, Ronald	Chinle	Rough Rock	AZ	1		
Francis, Joe W.	Chinle	Blue Gap/Tachee	AZ	1		
Hale, Ronald	Chinle	Klagetoh	AZ	1		
Harvey, Caroline	Chinle	Low Mountain	AZ	1		
James, Lucretia K.	Chinle	Cottonwood	AZ	1		
Jones, Chavez	Chinle	Blue Gap/Tachee	AZ	1		
Jones, Elaine	Chinle	Blue Gap/Tachee	AZ	1		
Judy, Ellen	Chinle	Rock Point	AZ	1		
Kee, Freida	Chinle	Pinon	AZ	1		
Littleben, Darnell	Chinle	Rock Point	AZ	1		
McCabe, Alice Carroll	Chinle	Chinle	AZ	1		
McCabe, Lillie	Chinle	Kinlichee	AZ	1		
Mescal, Lee	Chinle	Chinle	AZ	1		
Sanisa, Angelina	Chinle	Chinle	AZ	1		
Silver, Ben & Lucille	Chinle	Forest Lake	AZ	1		
Tahnazani, Maebelle	Chinle	Chinle	AZ	1		
Taylor, Mary E.	Chinle	Many Farms	AZ	1		
Tsosie, Habah G.	Chinle	Chinle	AZ	1		
Tsosie, Lorraine	Chinle	Blue Gap/Tachee	AZ	1		
Wallace, Margaret	Chinle	Klagetoh	AZ	1		
Watchman, Albert	Chinle	Forest Lake	AZ	1		
Yellowhair, Jennifer	Chinle	Rock Point	AZ	1		
Begaye, Vania Bertha	Chinle	Lukachukai	AZ	1		
Begay, Margaret W.	Crownpoint	Standing Rock	NM		1	
Charlie, Sammie S.	Crownpoint	Whiterock	NM		1	
Gruber, Evelyn E.	Crownpoint	Standing Rock	NM		1	
Largo, Herbert	Crownpoint	Standing Rock	NM		1	
Largo, Sharon	Crownpoint	Standing Rock	NM		1	
Matthew Martin	Crownpoint	Nahodishgish	NM		1	
Peril Nez	Crownpoint	Nahodishgish	NM		1	
Berlinda Martin	Crownpoint	Nahodishgish	NM		1	
Willie, Billie H.	Crownpoint	Standing Rock	NM		1	
Norma Begaye	Crownpoint	Standing Rock	NM		1	
Ashley, Irene	Dilcon	Indian Wells	AZ	1		
Begay, Helena	Dilcon	Leupp	AZ	1		
Begay, Virgil T. & Sandra B.	Dilcon	Teesto	AZ	1		
Begaye, Johnson D.	Dilcon	L. Greasewood	AZ	1		
Belin, Billy	Dilcon	Indian Wells	AZ	1		
Brown Irvin & Saltwater Kathy	Dilcon	Jeddito	AZ	1		
Clark, Raymond	Dilcon	Teesto	AZ	1		
Cody, Dorothy & Maybelle	Dilcon	Leupp	AZ	1		
Cody, Jack	Dilcon	Leupp	AZ	1		
Dan, Maybelle Cody	Dilcon	Leupp	AZ	1		
Dick, Yazzie & Gladys	Dilcon	Birdsprings	AZ	1		
Eddie, Casey C. & Marjorie	Dilcon	Tolani Lake	AZ	1		
Eddie, Nathaniel	Dilcon	Tolani Lake	AZ	1		
Jackson, David	Dilcon	Teesto	AZ	1		
James, Carol	Dilcon	Teesto	AZ	1		
Long, Jerry & Nellie Ann	Dilcon	Leupp	AZ	1		
Mitchell, Edison & Yolanda	Dilcon	Birdsprings	AZ	1		
Nez, Helen M.	Dilcon	Tolani Lake	AZ	1		
Riggs, Alvin & Elaine M.	Dilcon	Leupp	AZ	1		
Russell, Susie J.	Dilcon	Leupp	AZ	1		
Slowtalker, Kee C. & Susie C.	Dilcon	Leupp	AZ	1		
Spencer, Sr., Henry	Dilcon	L. Greasewood	AZ	1		
Thompson, Dolly	Dilcon	Leupp	AZ	1		
Yazzie, Nelbert	Dilcon	Teesto	AZ	1		
Madelina Begay	Dilcon	Dilcon	AZ	1		
Ashley, Genevieve & Alexander, Sr.	Fort Defiance	Houck	AZ	1		
Atcity, George	Fort Defiance	Fort Defiance	NM		1	
Bahe, Lorenzo	Fort Defiance	Mexican Springs	NM		1	
Baldwin, Brandon	Fort Defiance	Sanders	AZ	1		
Barber, Erwin/Edith	Fort Defiance	Fort Defiance	AZ	1		
Begay, Harrison & Mary Chee	Fort Defiance	St. Michaels	AZ	1		
Calabaza, Stephanie	Fort Defiance	Fort Defiance	NM		1	
Charles, Sylvia	Fort Defiance	Red Lake	NM		1	
Cook, Jean	Fort Defiance	Fort Defiance	NM		1	
Damon, Edison	Fort Defiance	Twin Lakes	NM		1	
Damon, Lorraine	Fort Defiance	Fort Defiance	NM		1	
Dennison, Doris A.	Fort Defiance	Tohatchi	NM		1	
Dennison, Frank H.	Fort Defiance	Tohatchi	NM		1	
Kee, Dwayne and Sharole Jean	Fort Defiance	Houck	AZ	1		
Hardy, Billy	Fort Defiance	St. Michaels	AZ	1		

Name	District	Chapter	State	AZ	NM	UT
Hardy, Carletta L.	Fort Defiance	Tohatchi	NM		1	
Hardy, Katherine	Fort Defiance	St. Michaels	AZ	1		
Lee, Gloria & Laate, Cellester	Fort Defiance	Tohatchi	NM		1	
Livingston, Helen S.	Fort Defiance	Twin Lakes	NM		1	
Livingston, Orlinda	Fort Defiance	Twin Lakes	NM		1	
James, Sr., Ryan	Fort Defiance	Houck	AZ	1		
Kenny, Roy L. Jr	Fort Defiance	Red Lake	AZ	1		
Sage, Sophie A.	Fort Defiance	St. Michaels	AZ	1		
Scott, Julia	Fort Defiance	St. Michaels	AZ	1		
Scott, Laura W.	Fort Defiance	St. Michaels	AZ	1		
Scott, Reah C.	Fort Defiance	Fort Defiance	NM		1	
Scott, Veronica	Fort Defiance	St. Michaels	AZ	1		
Six, Dorothy Ann	Fort Defiance	Houck	AZ	1		
Spencer, Chee	Fort Defiance	Twin Lakes	NM		1	
Thompson, Darlene	Fort Defiance	Red Lake	NM		1	
Tom, Danny	Fort Defiance	Coyote Canyon	NM		1	
Tom, Valerie L.	Fort Defiance	Tohatchi	NM		1	
Tsosie, Rena	Fort Defiance	Fort Defiance	AZ	1		
Watchman, Anna	Fort Defiance	St. Michaels	AZ	1		
Paul Chischilly	Fort Defiance	St. Michaels	AZ	1		
Ethel Sam	Fort Defiance	Houck	AZ	1		
Dennis Blackgoat	Fort Defiance	Fort Defiance	NM		1	
Atene, Louise	Kayenta	Ojato	UT			1
Austin, Rose T.	Kayenta	Shonto	AZ	1		
Barlow, Lorita J.	Kayenta	Dennehotso	AZ	1		
Barney, Evans & Carrie	Kayenta	Inscription House	AZ	1		
Begay, Helen Mae	Kayenta	Mexican Water	AZ	1		
Charley, Jr., Billy	Kayenta	Chilchinbeto	AZ	1		
Drake, Clarita	Kayenta	Navajo Mountain	UT			1
Greyeyes, Elaine M.	Kayenta	Inscription House	AZ	1		
Haycock, Tano	Kayenta	Ojato	UT			1
Holiday, Lucy B.	Kayenta	Ojato	AZ	1		
Josley, Sophia	Kayenta	Inscription House	AZ	1		
Laughter, Lucinda	Kayenta	Shonto	AZ	1		
Parrish, Gloria	Kayenta	Kayenta	AZ	1		
Sagboy, Martin	Kayenta	Mexican Water	AZ	1		
Singer, Clinton	Kayenta	Ojato	AZ	1		
Stanley, Pauline	Kayenta	Kayenta	AZ	1		
Yazzie, Cheryllyn	Kayenta	Tonalea	AZ	1		
Yazzie, Kelsey	Kayenta	Shonto	AZ	1		
Yellowhair, Freida	Kayenta	Shonto	AZ	1		
Atcity, Vera	Shiprock	Cudei	NM		1	
Begay, Arlene	Shiprock	Sweetwater	AZ	1		
Begay, Bruce & James, Valencia	Shiprock	Burnham	NM		1	
Begay, Michael Paul	Shiprock	Shiprock	NM		1	
Benally, Gary H. & Theresa M.	Shiprock	Red Valley	AZ	1		
Benally, Martinez & Beverly	Shiprock	San Juan	NM		1	
Bileen, Jimmy & George, Glena	Shiprock	Sweetwater	AZ	1		
Billy, Albert & Wauneka, Emily	Shiprock	Sheepsprings	NM		1	
Burton, Eddy	Shiprock	Upper Fruitland	NM		1	
Charley, Harry T.	Shiprock	Sanostee	NM		1	
Chavez, Anna M.	Shiprock	Shiprock	NM		1	
Clyde, Tommy & Johnson, Brenda	Shiprock	Sweetwater	AZ	1		
Cody, Roy & Marjorie J.	Shiprock	Red Mesa	AZ	1		
Dale, Lloyd	Shiprock	Cudei	NM		1	
Etcitty, Edward & Laura M.	Shiprock	Cudei	NM		1	
Frank, Dennison	Shiprock	Upper Fruitland	NM		1	
Hanley, Bobby	Shiprock	Sheepsprings	NM		1	
Harrison, Nathaniel	Shiprock	Red Valley	NM		1	
Lee, Victoria	Shiprock	Upper Fruitland	NM		1	
McCabe, Leo, Jr. & Diane	Shiprock	Shiprock	NM		1	
McRoy, Ronnie & Juanita Nakai	Shiprock	Red Mesa	UT			1
Manygoats, Denise	Shiprock	Sanostee	NM		1	
Mike, Regina	Shiprock	Neناهnezad	NM		1	
Moon, John & Anna	Shiprock	Teec Nos Pos	AZ	1		
Pete, John & Peshlakai, Treva	Shiprock	San Juan	NM		1	
Pettigrew, Randy L & Charles, Alex	Shiprock	Hogback	NM		1	
Shorthair, Paul & Martha	Shiprock	Shiprock	NM		1	
Smith, Rick	Shiprock	Hogback	NM		1	
Tso, Laine L. & Ernestine	Shiprock	Shiprock	NM		1	
Tyler, Casey & Gloria	Shiprock	Cudei	NM		1	
Williams, Zandrilyn	Shiprock	Shiprock	NM		1	
Yazzie, John H. & Della H.	Shiprock	Sweetwater	AZ	1		
Yazzie, Richard J. Elsie	Shiprock	Newcomb	NM		1	
Harold Begay	Shiprock	Shiprock	NM		1	
Alvylena Benally	Shiprock	Red Valley	AZ	1		
Martin Begai	Shiprock	Sanostee	NM		1	
Deilliah C. Dennison	Shiprock	Upper Fruitland	NM		1	
Debbie K. Begay	Shiprock	Sanostee	NM		1	
Marilyn Gould	Shiprock	Newcomb	NM		1	
Bronson Yazzie	Shiprock	Cove	AZ	1		
Alan Maxwell	Shiprock	Shiprock	NM		1	
Keith Bigman	Shiprock	Newcomb	NM		1	
Davis Manuelito	Shiprock	Newcomb	NM		1	
Begay, Gervern J.	Tuba City	Bodaway/Gap	AZ	1		
Begay, Isreal & Priscilla	Tuba City	Tonalea	AZ	1		
Begay, Richard & Rae L. Haskan	Tuba City	Hardrock	AZ	1		
Betoney, George/Annie M.	Tuba City	Tonalea	AZ	1		

**Navajo Tribal Utility Authority
NEDP Customer Listing
Fiscal Year 2003**

Name	District	Chapter	State	AZ	NM	UT
Blackhat, Alfred/Marietta	Tuba City	Bodaway/Gap	AZ	1		
Brown, Alice K.	Tuba City	Tonalea	AZ	1		
Betonney, Bonnie Anna	Tuba City	Tonalea	AZ	1		
Bizardi, Linda L.	Tuba City	Kaibeto	AZ	1		
Phillip, Ira, Sr. and Rosie	Tuba City	Tonalea	AZ	1		
Simonson, Germaine	Tuba City	Hardrock	AZ	1		
Sloan, Phillip	Tuba City	Bodaway/Gap	AZ	1		
Smith, Jerry & Dorothy Leora	Tuba City	Tonalea	AZ	1		
Smith, Lori	Tuba City	Tonalea	AZ	1		
Walters, Glenn	Tuba City	Tonalea	AZ	1		
Yazzie, Frank & Virginia	Tuba City	Kaibeto	AZ	1		
Yazzie, Harry L. & Mavis	Tuba City	Kaibeto	AZ	1		
Yellowman, Alma Lee	Tuba City	Lechee	AZ	1		
Lorraine Blacksmith	Tuba City	Kaibeto	AZ	1		
Arlinda Bennett	Tuba City	Kaibeto	AZ	1		
George, Veron/Lynette Kaye	Tuba City	Tonalea	AZ	1		
Grey, Sam & Effie	Tuba City	Kaibeto	AZ	1		
Jones, Loretta Inez	Tuba City	Forest Lake	AZ	1		