

# Navajo Tribal Utility Authority

An Enterprise of the Navajo Nation



**Utilities:**

Electric  
Natural Gas  
Water  
Wastewater  
Solar

**Regions Served:**

Northern Arizona  
Northwestern New Mexico  
Southeastern Utah

**Service Area:**

26,000 plus square miles





# NTUA Progressing Since 1959

**T**he Navajo Tribal Utility Authority was established in 1959 by the Navajo Nation Council first as a tribal department, then later as a self-sustaining tribal enterprise. NTUA supplies electricity, water, natural gas, wastewater treatment, and solar power services to homes and businesses throughout the 26,000 square mile Navajo Nation and neighboring Indian lands and communities.

**N**TUA purchases electrical power from off the Navajo Nation and transmits that power throughout northwestern New Mexico, northern Arizona, and southeastern Utah. As a non-profit enterprise, NTUA receives federal loans and grants to extend electrical power to rural communities. NTUA also provides assistance to tribal agencies and tribal communities to obtain state and federal grants to help address utility needs. What money NTUA generates is returned to maintain, operate, re-build, and upgrade the multi-utility infrastructure.

**O**verall, progress is our priority. Our crews are working hard throughout the service area to keep the power on, the water and natural gas services flowing. With each project, NTUA seeks to strengthen the partnership with the Navajo Nation, the federal government, and other outside governments and agencies to create a team dedicated to continue providing reliable utility services. NTUA knows the territory and will pledge to continue Building for Progress for a Brighter Future of the Great Navajo Nation.



## Big Boquillas Wind Farm:



*NTUA is actively pursuing renewable energy development on the Navajo Nation.*



*The best part of this plan is that the Navajo Nation, through NTUA, would be a 51 percent owner.*



## Renewable Energy Generation

The Navajo Nation is blessed with abundant natural resources, including coal, oil and natural gas, as well as renewable resources, such as wind and solar. While the Navajo Nation has historically focused on oil and gas operations and the sale of coal, these have resulted in limited financial income and with virtually no power availability for the Navajo people.

NTUA is taking a leadership role in the development of available Renewable Energy resources and embraces a vision to establish an Energy Economy that will bring economic and social progress and sustainability to the Navajo Nation and positively impact the regional economy of the Four Corners states. These efforts will shape a long-term energy strategy for the NTUA and ensure increased energy for the future of the Navajo Nation.

## Big Boquillas Wind Farm

NTUA is actively pursuing renewable energy development on the Navajo Nation. Most recently, the Navajo Nation Council and Office of the Navajo Nation President have given the proposed Big Boquillas Wind Project a breath of life. Work will continue developing the plan which is to build and operate a Wind Farm to generate and sell electricity. The best part of this plan is that the Navajo Nation, through NTUA, would be a 51 percent owner. This means that for once, the Navajo Nation would directly benefit from energy produced on its own land, using clean resources. Additionally, NTUA is actively exploring other potential wind sites throughout the Navajo Nation.

## Solar Generation

The latitude and altitude of the Navajo Nation also make it extremely attractive for solar generation development. To accelerate solar deployment, the NTUA is partnering with the U.S. Environmental Protection Agency to identify and prioritize sites for solar developments.

## Other Technologies

In addition to wind and solar, the NTUA is exploring additional technologies, including Waste-to-Energy, Geothermal and Biomass opportunities available on the Navajo Nation.

## NTUA receives Stimulus Grant for Energy Efficiency and Conservation Program

NTUA received notification on October 14, 2009, that it is the recipient of a \$6.079 million award from the US DOE Energy Efficiency and Conservation Block Grant (EECBG), to implement a program, entitled the "Energy Efficiency and Conservation Program of the Navajo Nation."

The NTUA award is the largest tribal allocation awarded in the United States and will provide a variety of projects, or "activities," that are designed within the scope of the American Recovery and Reinvestment



Act grant objectives:

- *To reduce fossil fuel emissions in a manner that is practical and sustainable and is supportive of local economies*
- *To reduce total energy use*
- *To improve energy efficiency in the building, transportation and other appropriate sectors*

NTUA and other Navajo Nation Divisions and Enterprises designed a program of Energy Efficiency and Conservation projects which will provide a broad range of long-term services and benefits to the Navajo people and help create jobs to help positively affect the economy of the Navajo Nation.

NTUA was selected to be the lead agency for the Navajo Nation application by the Navajo Nation ARRA team and application participants. The Energy Efficiency and Conservation Program of the Navajo Nation will consist of the following activities:

1. Perform Energy Auditing and Weatherization services at tribal-owned buildings
2. Deploy Renewable Energy installation at tribal owned buildings
3. Incorporate Energy Efficient LEED-standard design in newly-constructed tribal-owned buildings
4. Install Energy Star refrigerators for the NTUA's existing off-grid residential program customers
5. Replace standard home appliances with Energy Star appliances in tribal-owned buildings
6. Provide training opportunities in Energy Efficiency and Renewable Energy (EE/RE) for Navajo Nation entities
7. Provide a public information print and media campaign to inform and educate the Navajo Nation about EE/RE best practices
8. Develop a comprehensive EE/RE policy for the Navajo Nation

## **NTUA receives additional Grant funding for Smart Grid Initiative**

NTUA received notification on October 27, 2009, that it is the recipient of a \$4.991 million cost-share award from the US DOE Smart Grid Investment Grant program for the installation of Advanced Metering Infrastructure (AMI) into the NTUA electricity infrastructure.

AMI metering incorporates technology which allows for on-demand sensor data management and provides remote system control capability for utility-owned electricity grids. NTUA, which is one of 100 proposals selected nationwide for funding, must provide 50% cost-sharing funding of the total cost for the initiative.

The Smart Grid effort is established with the dual goal of adding intelligent technology onto the electricity grid and optimizing the supply of electricity for end-user consumption. The NTUA award will allow the utility to upgrade its metering technology from standard meters with Automated



NTUA receives additional Grant funding:

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### Navajo Electrification Demonstration Project:



The ultimate goal is to serve the 18,000 families currently without access to electrical power.

### Community Development Block Grant:



Provides additional funds so we can provide electric service to more families.

### Shiprock Substation #3 & Cudei Substation Upgrade:



Meter Reading (AMR) to AMI meters throughout its 7,200 miles of electricity line infrastructure, which supplies power to 38,000 customers on the Navajo Nation.

The NTUA expects to realize multiple benefits from its Smart Grid initiative, which:

- Provides NTUA with the opportunity to modernize its electricity grid with metering technologies
- Supports the NTUA's Net Metering objectives with intelligent bi-directional meters
- Provides NTUA with the capability of real-time detection and prognosis of system problems and outages from a remote operations center
- Provides an opportunity to upgrade the skills and increase earning potential of current meter reader personnel
- Enables the NTUA to develop a Demand Response initiative to reduce costs to the utility
- Supports the NTUA's Green Initiatives to greatly reduce monthly manual meter reading activities and lower costs for providing services to the NTUA's 27,000 square mile service territory

## Navajo Electrification Demonstration Project

Approximately 18,000 of 48,000 homes on the Navajo reservation do not have access to basic electricity—contributing to the 75% of all Native American households in the U.S. that are without utility service.

The “Navajo Electrification Demonstration Project” (NEDP) was created by the U.S. Congress under Public Law 106-511 and extended by Public Law 108-59 to provide funding for rural electrification of homes on the Navajo Nation. Under the original law, the NEDP funding was authorized at a \$15 million annual level for five years. In 2008 and 2009, NEDP funding was extended with additional annual allocations. Still, to date, only \$14.6 million, including an FY 2011 allocation of \$1.75 million, has been appropriated to the Navajo Tribal Utility Authority (NTUA) out of the original Congressional authorization of \$75 million.

To date, NEDP funding has provided first-time electricity service to 1,337 homes on the Navajo Nation with an additional 352 homes to be served by the end of 2010. The NTUA is elated to learn that it will receive an additional \$1.75 million in funding for additional customers in 2011.

The NEDP initiative provides incremental line extensions to families throughout the Navajo Nation. The NTUA is striving to find better ways to deliver new services to new customers and to make available funding stretch further.

As an example of this focus, the NTUA recently established the Electric Construction Department to dedicate NTUA crews and staff to the preparation

and execution of line extension services on a non-stop year-round project schedule. NTUA has set aside funds, initiated budgets and reallocated equipment to facilitate this effort.



## NEDP Renewable Energy Project

In the first two appropriations of the NEDP award, the NTUA purchased 107 hybrid photovoltaic (PV) and wind power systems for remote homes which are beyond the reach of the electricity infrastructure. This program will be expanded in FY 2010 with an additional 40 hybrid PV and wind power systems which will be larger systems enhanced with off-grid refrigeration.

*Opens doors for system reliability, and economic development possibilities for the community.*

## Community Development Block Grant

The Community Development Block Grant program is another valuable resource for NTUA. It provides additional funds so we can provide electric service to more families of the Great Navajo Nation. NTUA works closely with the tribal offices to ensure each project is construction ready, including rights of way acquisition.



## Shiprock Substation # 3 – Cudei Substation Upgrade

The \$6.4 million dollar electrical power improvement has reached the Shiprock community. The newest NTUA substation was completed last fall. It opens doors for system reliability, and economic development possibilities for the community. Customers will notice stronger reliability, less brownouts/outages caused by system overloads. At the same time, NTUA upgraded the Cudei substation, replacing old equipment and increasing reliability at twice the capacity for customers west and south of Shiprock.

Enhanced Customer Service Programs:

## Enhanced Customer Service Programs



NTUA completed its first year of the on-line payment program. The numbers of customers using the on-line payment option increased by the thousands as the year progressed. Many comments were received from thankful customers who said they didn't have to rush to the nearest

NTUA office (often located many miles away from their homes) to make a payment. By the year's end, the on-line payment project proved to be a necessity for NTUA customers. We have also extended our payment window hours. All district offices are open at 7 a.m. and close at 6 p.m., allowing customers to make payments during these extended hours.



*On-line payment project proved to be a necessity for NTUA customers...*

*Payment window hours at all NTUA district offices - open at 7 a.m. and close at 6 p.m.*

## NTUA Increases Scholarships/Internships

In 2009, NTUA offered \$100,000 in college scholarships to students in-







## NTUA Increases Scholarships and Offers Internships:



*In 2009, NTUA offered \$100,000 in college scholarships to students interested in pursuing studies related to the utility industry.*



terested in pursuing studies related to the utility industry, such as engineering, business management, and information technology. Last year, 67 students were eligible and received NTUA scholarships. An internship program was also established to hire college students during the winter and summer breaks. The students are placed in areas of study to allow them hands on experience.

**APPLY FOR A NTUA STUDENT SCHOLARSHIP**  
*Thinking of Engineering? Business? Information Technology?*  
**NTUA may have a College Scholarship for You!**

NTUA is seeking scholarship applicants for fields of study related to the utility industry, including engineering, business management, environmental science, chemistry, information technology, accounting and finance.

Qualified applicants may receive up to \$2,000 per academic year, based on the scholarship funding availability. Up to \$2,500 enhanced scholarships for interns who are employed with NTUA.

Early Application is Strongly Encouraged. Deadline is April 30, 2009

For requirements and eligibility, log on to [www.ntua.com](http://www.ntua.com) or call NTUA at 928-729-5721, ext. 2152.

NAVAJO TRIBAL UTILITY AUTHORITY - Proudly Serving The Navajo Nation Since 1959

## Utility Rates Help Maintain NTUA System

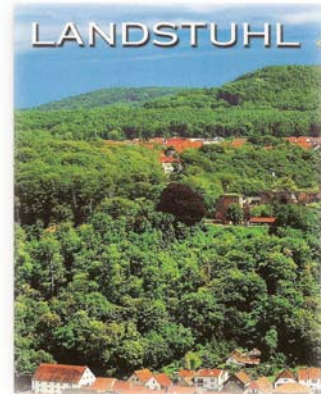
In 2009, NTUA did not increase any utility rates. We have strived very hard to keep utility rates at the lowest cost possible. We will continue to work hard to control internal costs, yet the cost of conducting business is continually affected by the high cost of fuel, materials, equipment and human resources. Even as we work hard to meet this demand, inflation and rising costs continue to impact our operations.

This year, NTUA will be exploring the possibility of adjusting the rates for the water and wastewater utilities. The costs of maintaining, rebuilding, and upgrading our water and wastewater systems have been staggering. We understand that paying more is difficult for everyone. However, the Navajo Nation is developing in many ways and families are expanding; therefore, the need for utility services continues to grow. In order to maintain and upgrade our aging utility systems, we may seek rate adjustments so that we may continue to provide safe and reliable utility services that our customers expect and deserve.

## NTUA CUSTOMER NUMBERS

	Dec-08	Dec-09	New Customers
<b>Electric</b>	38,010	39,156	1,146
<b>Gas</b>	7,646	7,901	255
<b>Water</b>	34,989	36,218	1,229
<b>Wastewater</b>	13,314	13,677	363
<b>PV</b>	185	193	8

# NTUA Knows Community Service



## NTUA sends out Military Care Packages throughout the World during Holidays

What started out as a small fund-raising effort has turned into an annual project. Each holiday season, the Human Resources Division organizes the campaign, and fill the packages of non-perishable supplies to send to military personnel stationed throughout the world. Names are submitted to the department and the packages are sent out during the Holiday Season. In 2009, 140 packages were sent out.

### NTUA receives thankful messages

"(I am) currently deployed in Taji Iraq. This is my 3rd combat tour to this region. I just wanted send my deepest gratitude for all the people that take the time and effort in putting these care packages together for our troops serving overseas in combat and peace time. I do really appreciate the items included, especially the pinions and (Navajo Times) newspaper. Now I can actually take the time and read upon the news back on the rez while I crack the pinions nuts. Thanks for the wonderful thought. You made my day," -- Thank you. SGT D

25 NOV 2009  
To the Fine Folks at NT:U.A. Thank you for the Package, it was an unexpected surprise! I would like to take this opportunity to say thank you for your support of the troops and its efforts. It means a lot to us as soldiers, sailors, marines, and airmen to know that people back home are behind us in this, keep up the good work thank you once again

Very Respectfully,  
SGT Toltsonte  
Deth Battery 1-43 ADA

RAMSTEIN-LANDSTUHL  
Pfalz-Germany  
Das Zentrum von Landstuhl mit der Burgruine Nanstein  
The center of Landstuhl with Nanstein castle.

Happy New Years

I just want to Thank you and the NTUA staff. You all are doing a wonderful job thinking of us who are away from military deployment. Thank you to the Navajo Vet Riders. The pinion nuts and the herbal tea sure hit the spot and a little REZ news. The CD was very thoughtful.

Again Thank-you  
Barbara Yowatcia  
U.S. Navy Reservist  
Will be home soon.

JAN 13 2010

UNITED STATES ARMED FORCES  
OPERATION IRAQI FREEDOM

THANK YOU TO ALL WHO HELP PACKED THE GIFT PACKAGES THAT WE RECEIVED. I KNOW IT TAKES A LOT OF TIME AND DEDICATION TO COMMIT IN SUPPORTING THE TROOPS I JUST LIKE TO THANK YOU GUYS FOR YOUR HARD WORK. I APPRECIATE FOR EVERYTHING AND IT WAS NICE TO RECEIVE A CARE PACKAGE. IT'S NICE TO KNOW THAT THERE ARE PEOPLE WHO STILL CARE. THANK YOU & GOD BLESS

DESIG  
sub:ramsteinfo@oper

"Thanks" For the Care Package. It made my Day! (In Iraq)

Hope your holidays are merry and bright!

- I am from around that area Gallup, Window Rock and Twin Lakes
- This is my E-mail: pinto bean 0113@yahoo.com
- Like to know whats going on back home.

SGT-Pinto







## Employees organize Memorial Educational Fundraising Campaigns:



*Proceeds from motorcycle run Red Thunder Rolling, were given to one of the memorial educational funds*

## Sportsmanship Awards:



*The goal of the NTUA Sportsmanship Award is to enrich athletes, encouraging them to place academics high and be a role model on and off the court.*



## NTUA Employees organize Memorial Educational Fundraising Campaigns

As a lasting tribute, NTUA employees have raised thousands of dollars to set aside for the young children of their former co-workers. The memorial scholarship program will be maintained by NTUA and given to the young children should they decide to pursue college studies. In the past two years, three campaigns raised more than \$75,000. Employees hosted luncheons, tournaments, and raffles, including the regional motorcycle run Red Thunder Rolling, an annual bike run from Gallup to Albuquerque during the Gathering of Nations Powwow. Proceeds from the event were given to one of the memorial educational funds.

## NTUA sponsors Sportsmanship Awards

NTUA districts continue to spell out the meaning of Sportsmanship by honoring regional athletes during the district and regional basketball playoffs. The goal of the NTUA Sportsmanship Award is to enrich athletes, encouraging them to place academics high and be role models on and off the court. Selections are based on teacher/coach nominations. Students must maintain a 3.0 GPA and must demonstrate integrity in their schools and communities. The awards are presented at regional and district play-offs before thousands of basketball fans.

## NTUA donates Book Bags to Exceptional Rodeo

NTUA provided each Exceptional Rodeo participant with a souvenir, a bag with the Exceptional Rodeo logo.

## NTUA hosts Community Blood Drives

Working in conjunction with the United Blood Service, NTUA also became a host site for regional Blood Drives several times a year. Employees and area residents are invited to participate.



## NTUA volunteers with Trash control at the Navajo Nation Fair and Northern Navajo Fair

NTUA provided two dump trucks to help with trash control at the Navajo Nation Fair. The effort was organized by the IHS and NTUA helped by hauling the litter to a regional dump site. The result was visible, as less trash was seen in the Window Rock area after the fair. In Shiprock, district staff set aside the Monday morning after the Northern Navajo Fair to clean up Highway 491, the main stretch along the fairgrounds.

## NTUA helps with Water delivery

In recent years, the Navajo Mountain community has endured major water breaks, causing the community to be without water. This is a private water system and not connected to NTUA's water line. When the community went without water, NTUA donated use of the 5,000 gallon water tanker to allow area residents access to potable water.

## NTUA answers requests from Health Providers

During the harsh winters, NTUA drivers used the SNOWCAT to transport CHRs and medical personnel to isolated homesteads. The locations were in very remote areas, where the only access to the home was to use the SNOWCAT.

## NTUA offers Energy Efficiency Education Program

NTUA offers a customer educational program to generate and foster a better understanding of NTUA operations, including programs that will be of long-term financial benefit to the customer. Programs include short workshops to further educate customers, such as energy and water conservation, and utility safety, especially for children and the elderly.

## NTUA hosts Customer Appreciation Days

Each year, NTUA districts host a day-long open house, inviting customers to learn more about NTUA. A variety of booths are set up, including how to read your bills, how to apply for electrical service, how to set up a solar energy panel, how electricity works, how to safe proof your homes, and how meters work. The districts also cook hamburgers and hotdogs for guests.

## NTUA visits Classrooms, Health Fairs, and regional Tribal Fairs



NTUA employees often accept school invitations to share information about the utility industry. Engineers, linemen, and chemists are among the presenters. They talk about their career choice, their education, and their daily achievements and challenges. At health fairs, our employees present information related to conservation and the utility industry in general. At regional tribal fairs, customer information booths are set up to generate understanding and support of NTUA programs.

At these events, thousands pass by NTUA booths.



NTUA offers Energy Efficiency Education Program:



*Educational program to generate and foster a better understanding of NTUA operations*





NTUA helps with Water delivery:



Diné chapters still parched

NTUA's water tanker was used to allow area residents of a community access to potable water after a private water system broke.

NTUA takes part in various Community events:



## NTUA takes part in Various Community events

Employees do not hesitate to be a part of community events, including runs, walks, and other fund-raising activities. Sometimes, employees take information from the fund-raising event to share with co-workers. A mini-fundraiser team is formed and NTUA donates time, money and or supplies to the event.

## NTUA assists with Wildfire containment

On several occasions, NTUA answered a call for assistance. Bull dozers were dispatched to sites near the wildfires, where NTUA worked closely with fire officials to help contain the fire.

## NTUA initiates Book-Bag Project for Incoming Students

The Human Resources Records Management department raised money to purchase back-packs for elementary school students. Employees hosted various activities to generate funds. More than 20 back-packs were filled with pencils, paper and basic school supplies.

## NTUA prepares Food Baskets for the Needy

NTUA divisions have assembled food baskets to take to families in need. More than 20 baskets have been delivered each holiday season.

## NTUA hosts Santa Visits every Christmas Season

Every holiday season, each NTUA district makes room for Santa. Each district opens its doors to the public inviting them to pick up a bag of 'oldtime' Keshmish goodies (hard candy, fruit, and nuts). Santa and helpers meet customers and pose for pictures. Upon request, NTUA takes photos with Santa, asking for a one dollar fee. Any proceeds are turned over to a charitable organization. The elders enjoy this day considerably because it allows them to take a picture with Hosteen Santa.

## NTUA becomes Santa for regional Foster Home

NTUA Finance Division employees each year organize a Christmas gift project for children who are at a local foster care home during the holidays.





## NTUA offers Refreshment Wagon



NTUA has participated with Veterans events, serving coffee and light refreshments during activities honoring those in the military service, including Run for the Wall, and the 2009 Navajo Nation Christmas tree donation send off to the White House.

## NTUA Employees chop and haul wood

NTUA district employees volunteer their weekends to chop and haul wood to elderly customers, especially to the elders who live alone.



## NTUA repaints Water Tanks, helps repaint Community buildings



NTUA has worked with the Navajo Nation to tackle the problem of graffiti. In 2009, NTUA helped community efforts to clean water tanks and public buildings as part of Operation Buff. Students from Navajo High School joined NTUA and tribal

employees to cover graffiti on water tanks and well houses in Navajo, Window Rock, Tohatchi, and Ganado. Periodically, with the help of students and community members, NTUA repaints water tanks throughout the year. Volunteers see first-hand the difficulty in maintaining the water tanks and develop an appreciation for tank operation and maintenance.

## NTUA considers and supports contributions requests throughout the Service Area

NTUA is often requested to support individuals or schools and communities with event sponsorship. NTUA considers the requests and donates, depending on the budget. Specialty advertising is also considered, such as school calendars, sports programming, and other charitable events.



*Navajo  
Tribal Utility  
Authority*

*Vision...*

*"To Achieve  
excellence in  
all that we do"*

*Mission...*

*"To provide  
Safe and  
Reliable  
services to our  
customers that  
exceeds their  
expectations"*



# Navajo Tribal Utility Authority

## UTILITY CONSTRUCTION PROJECTS



### **ELECTRIC CHARTS**

- Navajo Electrification Demonstration Project #5 - completed
- Navajo Electrification Demonstration Project #6 - target and completed
  - Navajo Electrification Demonstration Project #7- target
    - 2009 Community Power Line Projects - completed
    - 2010 Community Power Line Projects - target

### **NATURAL GAS CHARTS**

- 2009 Natural Gas Construction Commercial
- 2009 Natural Gas Construction Residential
- 2010 Natural Gas Construction Commercial
- 2010 Natural Gas Construction Residential

### **WATER CHARTS**

- 2009 Water Construction - complete
- 2010 Water Construction - target





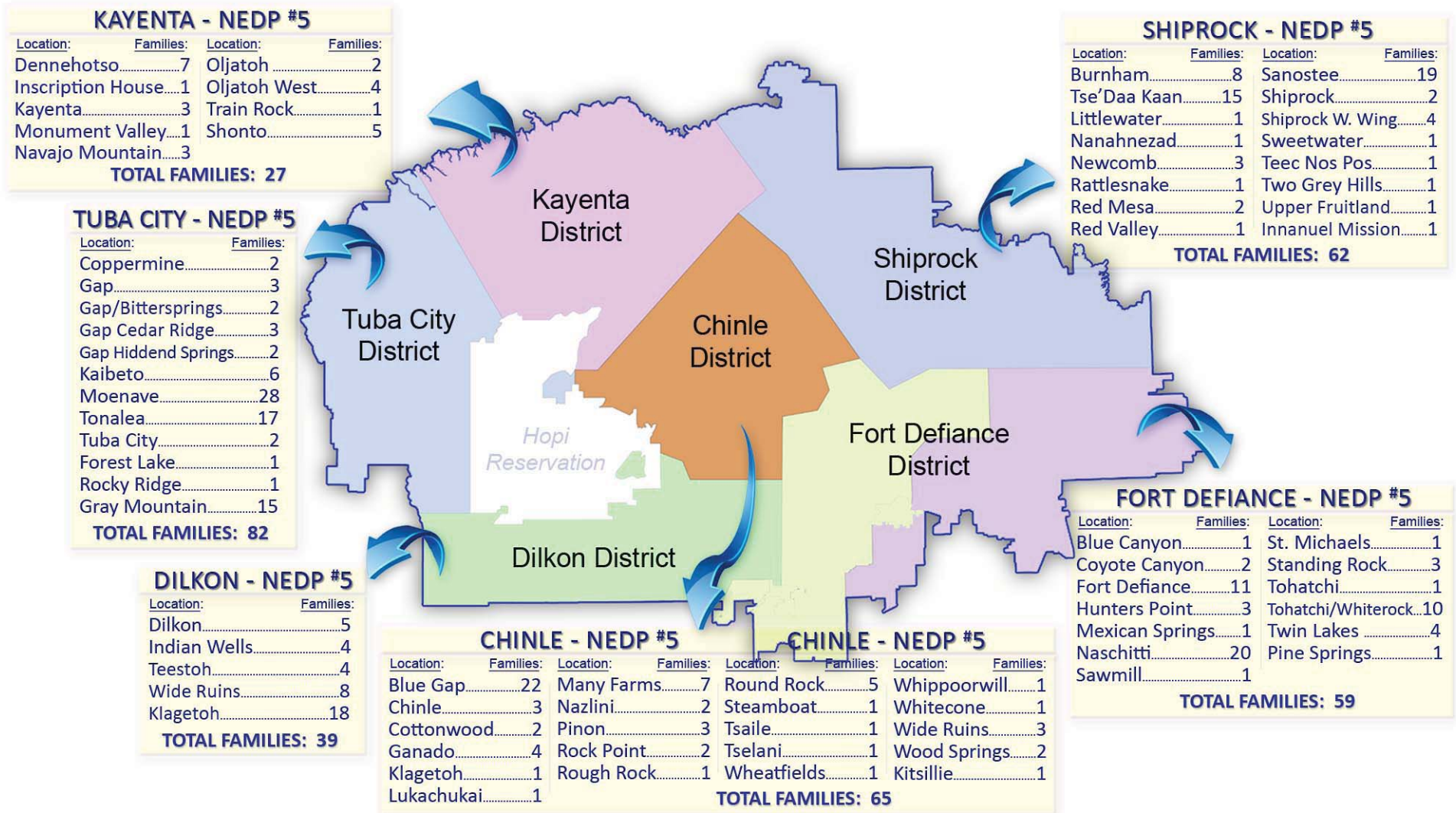
# Navajo Electrification Demonstration Project #5



## Completed - 334 Families - 92.32 miles of line

### Total Budget of \$4,464,514 \$4.8 million spent

(\$1,968,000 DOE Grant and 2,832,514 Matching Contribution (\$755,000 NTUA Contribution))







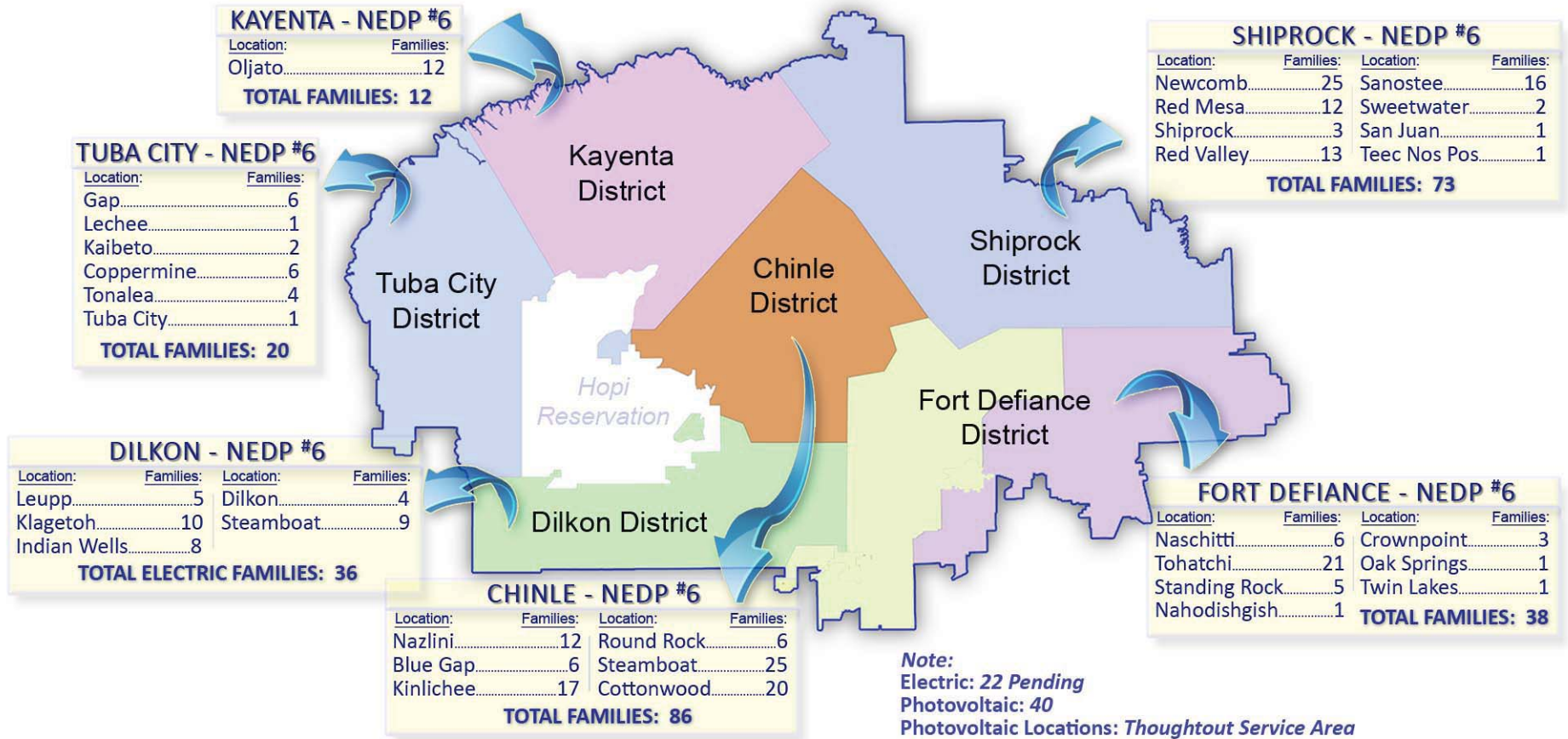
# Navajo Electrification Demonstration Project #6

## Targeted - 284 Electric and 40 Photovoltaic Families



**Total Budget \$5,665,761**

(DOE \$1,903,000 and Matching Contributions \$3,762,761 (\$1,078,533 NTUA Contribution))



# Navajo Electrification Demonstration Project #7



**DOE Grant \$1.75 million**

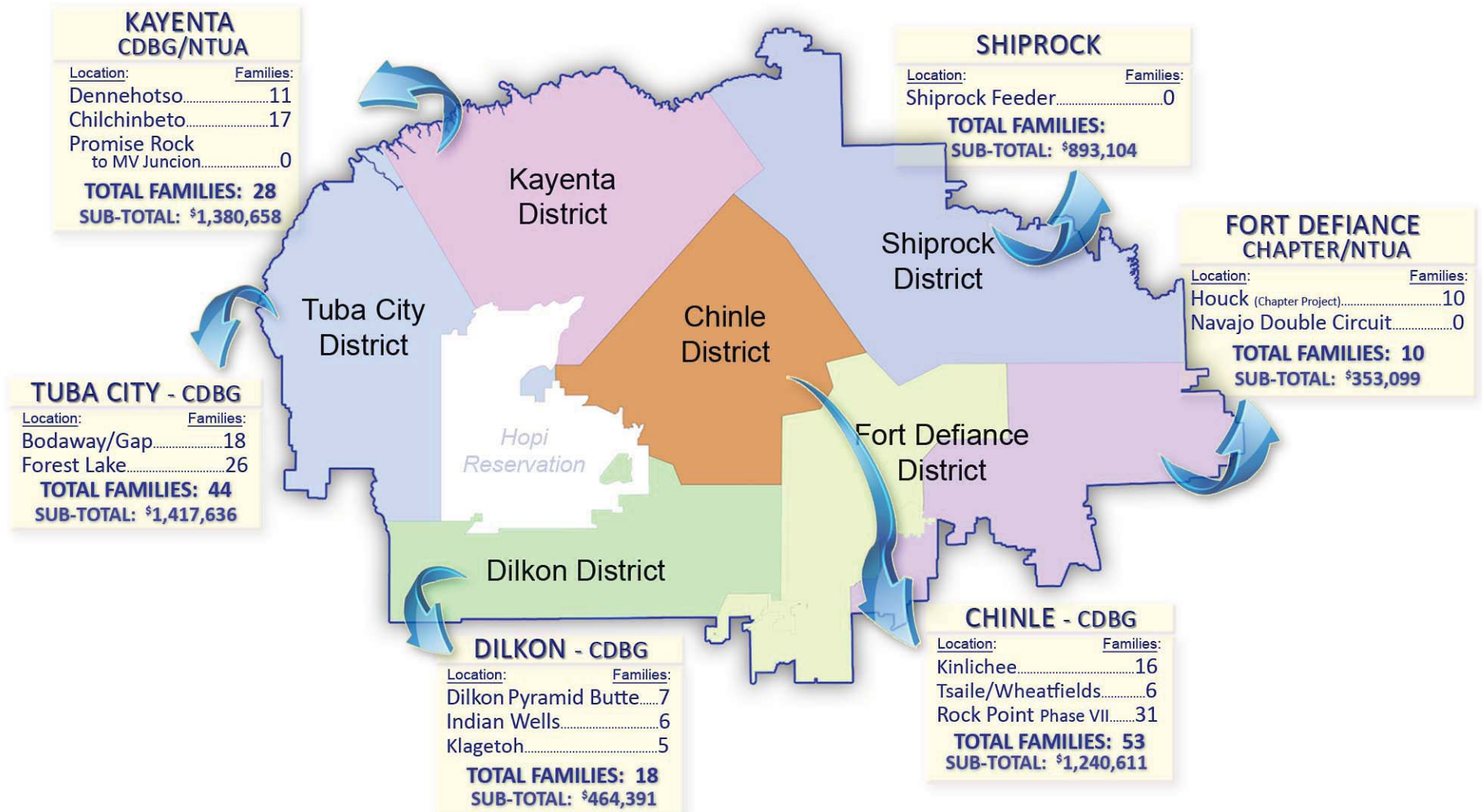
**Total Budget Minimum of \$3.5 million**



# 2009 Community Power Line Projects



**Completed**  
**153 Families Served - 92.66 miles of line**  
**Total Budget \$5,749,499 (\$229,500 NTUA Contribution)**







# 2010 Community Power Line Projects

## Targeted - 394 Families - 208.63 miles of line



**Total Budget \$12,075,618** (\$591,000 NTUA Contribution)

### KAYENTA - CDBG & OTHER FUNDING

Location:	Families:	Location:	Families:
Dennehotso.....	64	Oljato.....	28
* Inscription House.....	46	Shonto.....	23
Mexican Water.....	7		

**TOTAL FAMILIES: 168**  
**SUB-TOTAL: \$5,384,113**

### SHIPROCK - CDBG & OTHER FUNDING

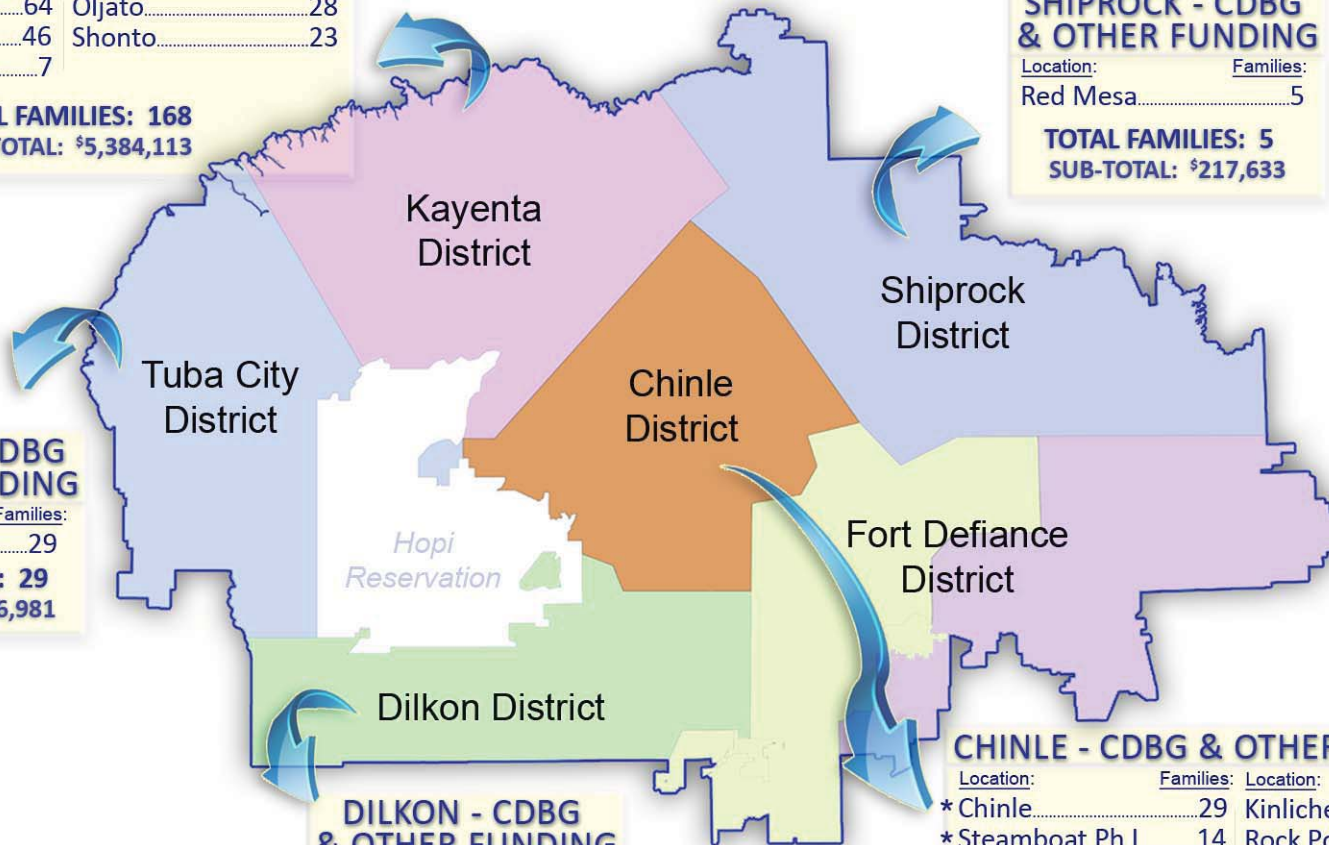
Location:	Families:
Red Mesa.....	5

**TOTAL FAMILIES: 5**  
**SUB-TOTAL: \$217,633**

### TUBA CITY - CDBG & OTHER FUNDING

Location:	Families:
Kaibeto.....	29

**TOTAL FAMILIES: 29**  
**SUB-TOTAL: \$1,256,981**



### CHINLE - CDBG & OTHER FUNDING

Location:	Families:	Location:	Families:
* Chinle.....	29	Kinlichee.....	42
* Steamboat Ph I.....	14	Rock Point.....	34
* Steamboat Ph II.....	15	Tsaile/Wheatfields.....	15

**TOTAL FAMILIES: 149**  
**SUB-TOTAL: \$3,475,402**

### DILKON - CDBG & OTHER FUNDING

Location:	Families:
Cornfields.....	29
Indian Wells.....	7
Leupp.....	7

**TOTAL FAMILIES: 43**  
**SUB-TOTAL: \$1,741,488**

\* Currently Under Construction





# 2009 NATURAL GAS CONSTRUCTION

## Completed - 304 Families Served



**Total Amount \$559,401**

### KY-NATURAL GAS

location:	families:
KUSD#27 2" & 1" Ph II.....	11
KUSD#27 2" & 1" Ph III.....	3
NTUA District Complex.....	12
Elem KUSD Green House.....	1
New BIA School & Dorm.....	1

**TOTAL CUSTOMERS: 27**

### SR-NATURAL GAS

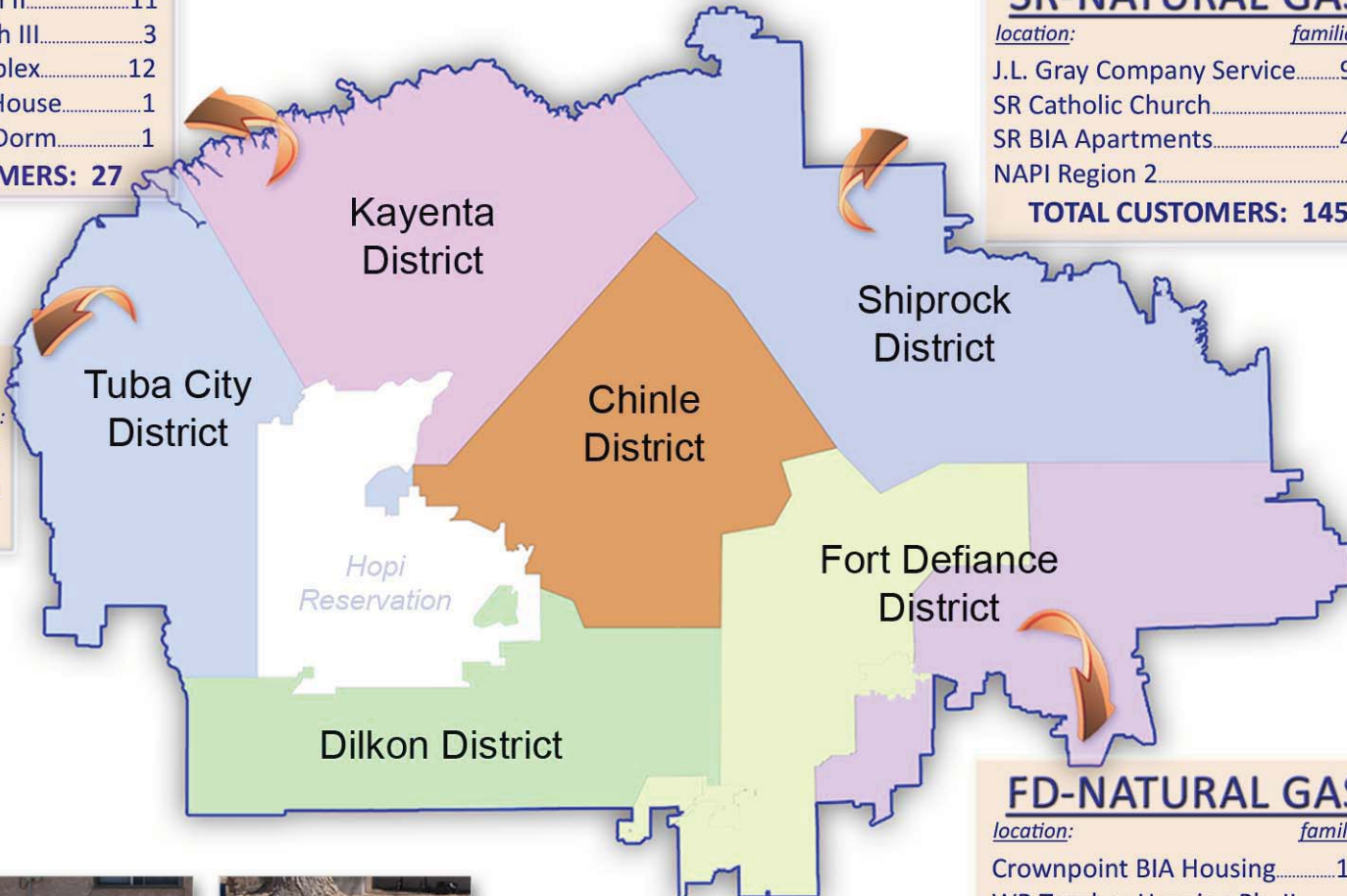
location:	families:
J.L. Gray Company Service.....	96
SR Catholic Church.....	3
SR BIA Apartments.....	45
NAPI Region 2.....	1

**TOTAL CUSTOMERS: 145**

### TC-NATURAL GAS

location:	families:
NTUA District Complex.....	6
Tuba City Customer Ext.....	1

**TOTAL CUSTOMERS: 7**



### FD-NATURAL GAS

location:	families:
Crownpoint BIA Housing.....	111
WR Teacher Housing Ph. II.....	7
WR Teacher Housing Serv.....	7

**TOTAL CUSTOMERS: 125**





# 2009 NATURAL GAS CONSTRUCTION Completed - 51 Commercial Customers



**Total Amount \$775,823**

## KY-NATURAL GAS

<i>location:</i>	<i>commercial:</i>
KUSD#27 4" Main Ph II Main.....	
KUSD#27 2" & 1" Svr. Ph II.....	5
KUSD#27 4" Main Ph III.....	
KUSD#27 2" & 1" Svr. Ph III.....	6
NTUA District Complex.....	1
New BIA School & Dorm.....	2

**TOTAL CUSTOMERS: 14**

## SR-NATURAL GAS

<i>location:</i>	<i>commercial:</i>
J.L. Gray Company Serv.....	1
J.L. Gray Company Main.....	
Catholic Church.....	2
Catholic Church Main.....	

**TOTAL CUSTOMERS: 3**

## TC-NATURAL GAS

<i>location:</i>	<i>commercial:</i>
NTUA District Complex.....	1
Tuba City IHS.....	1
Moenkopy 4".....	1

**TOTAL CUSTOMERS: 3**

## DK-NATURAL GAS

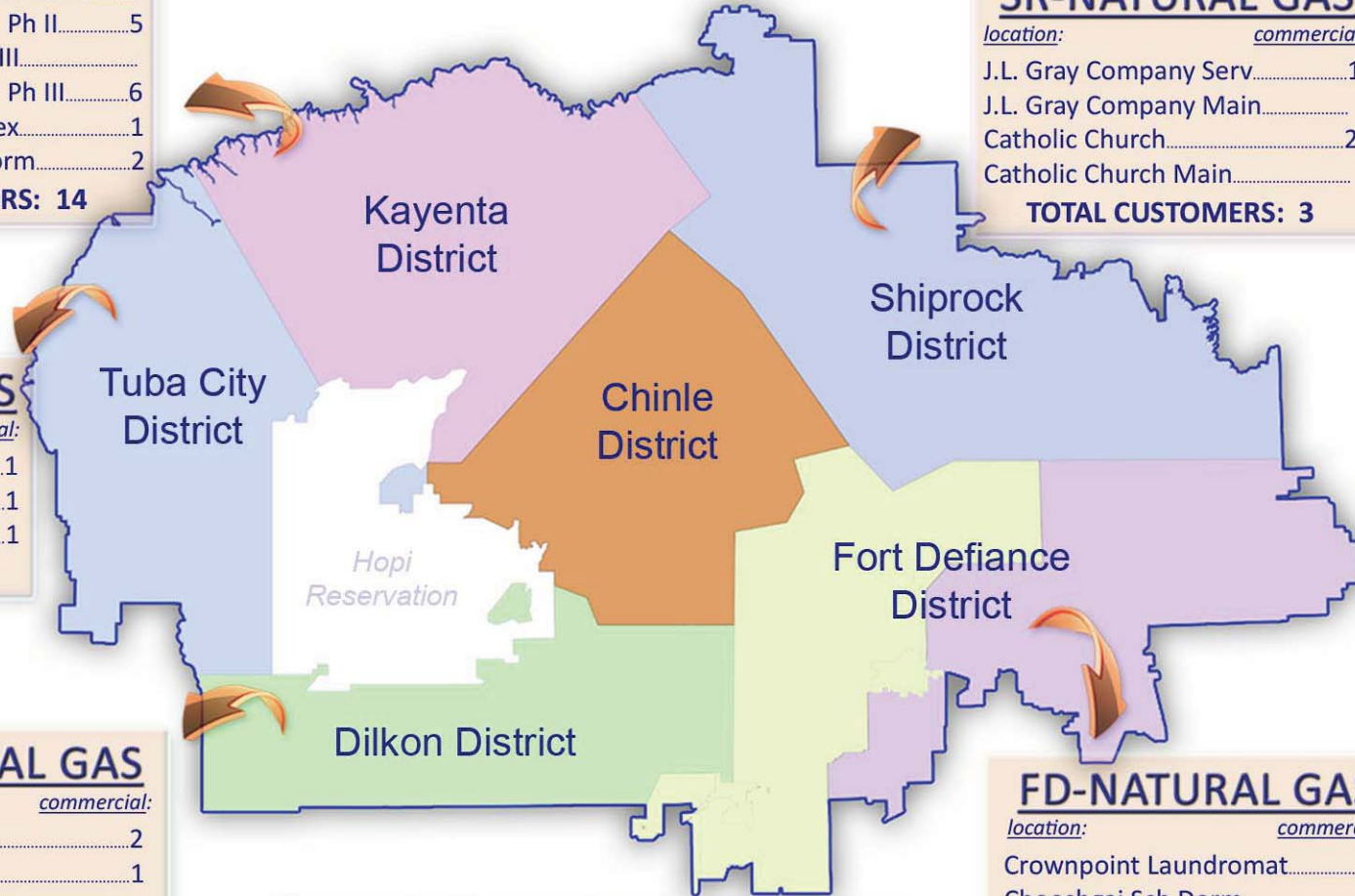
<i>location:</i>	<i>commercial:</i>
Dilkon Sch & Dorm.....	2
Dilkon Dist. Court.....	1

**TOTAL CUSTOMERS: 3**

## FD-NATURAL GAS

<i>location:</i>	<i>commercial:</i>
Crownpoint Laundromat.....	1
Chooshgai Sch Dorm.....	1
Tohatchi Elem School.....	1
Navajo Townsite.....	25

**TOTAL CUSTOMERS: 28**







# 2010 NATURAL GAS CONSTRUCTION

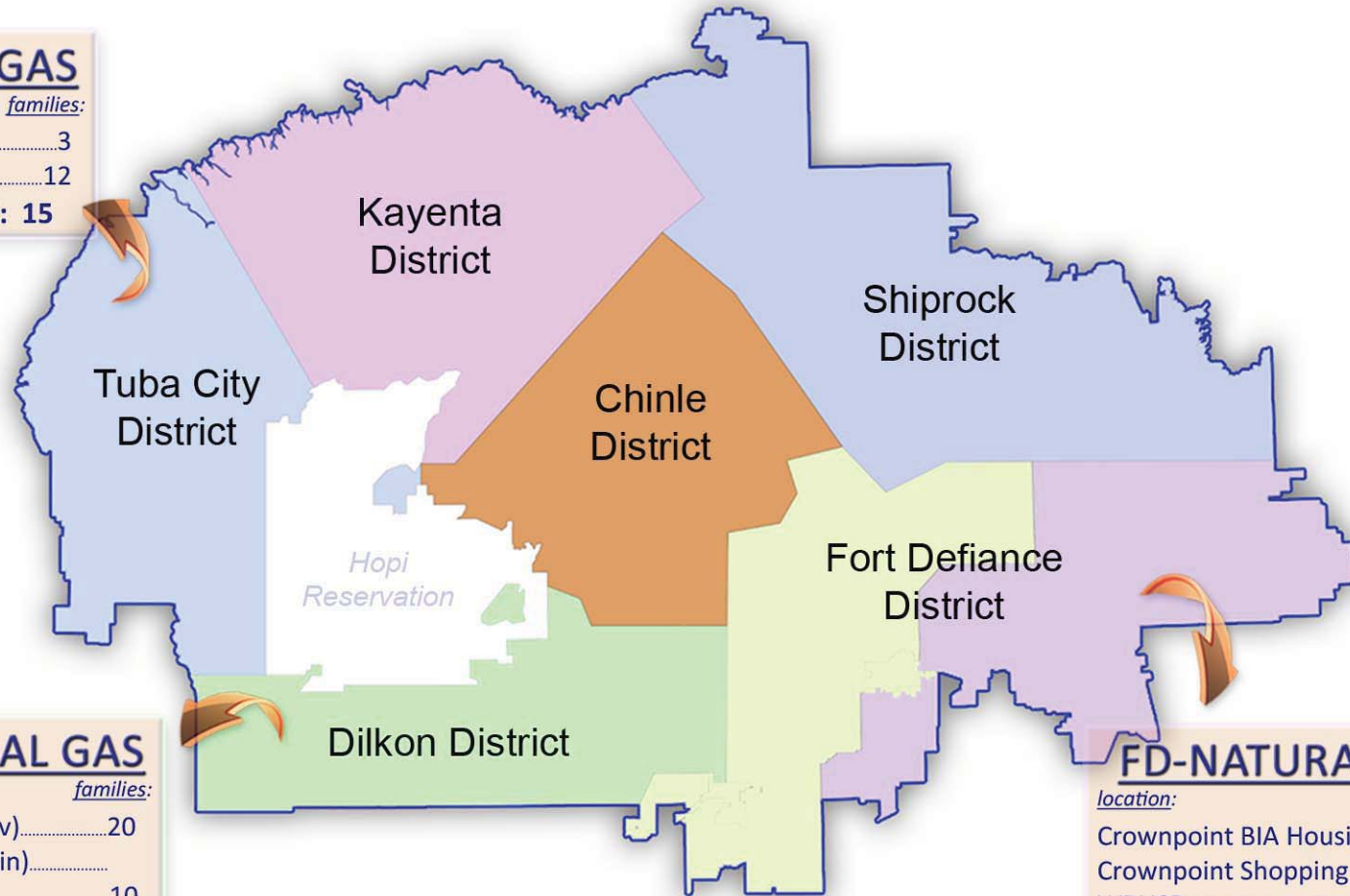


## Target - 133 Families

### Total Proposed Budget \$222,099

**TC-NATURAL GAS**

location:	families:
Basha's.....	3
St. Jude Trailer Court.....	12
<b>TOTAL CUSTOMERS: 15</b>	



**DK-NATURAL GAS**

location:	families:
Leupp LSI/NHA (Serv).....	20
Leupp LSI/NHA (Main).....	
Leupp Housing.....	10
<b>TOTAL CUSTOMERS: 30</b>	

**FD-NATURAL GAS**

location:	families:
Crownpoint BIA Housing.....	61
Crownpoint Shopping Center.....	5
WRUSD Teacher Trailer Housing.....	22
<b>TOTAL CUSTOMERS: 88</b>	







# 2010 NATURAL GAS CONSTRUCTION



## Target - 35 Commercial

### Total Proposed Budget \$1,310,317

### KY-Commercial NG

*location:*    *commercial:*    *location:*    *commercial:*  
Kayenta

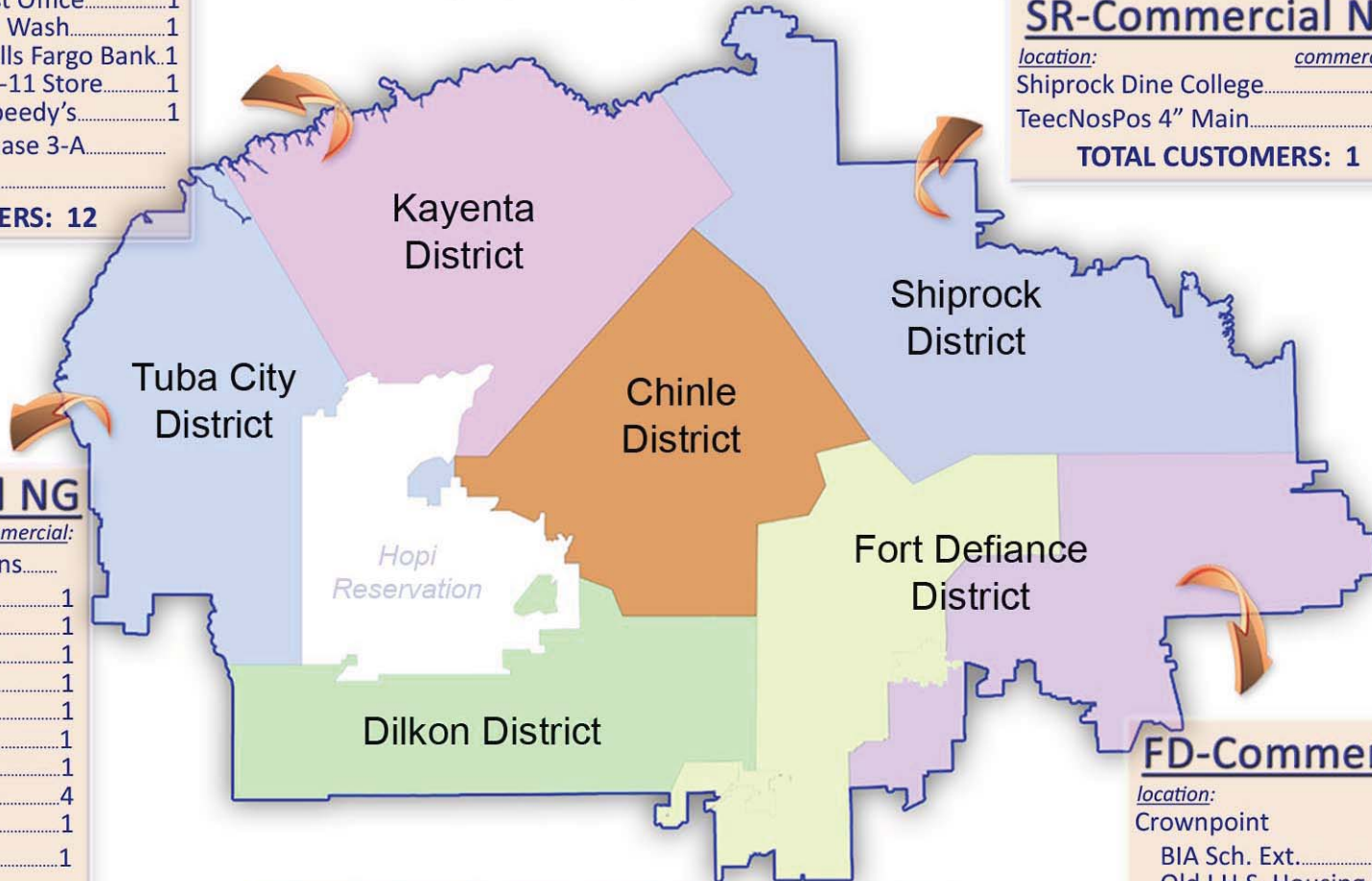
Fire Station.....1	Pizza Edge.....1
Hampton Inn.....1	Post Office.....1
Holiday Inn.....1	Car Wash.....1
Sonic.....1	Wells Fargo Bank.1
Court Building.....1	7-2-11 Store.....1
Police Station.....1	Sppeedy's.....1
Kayenta I.H.S. Hospital Phase 3-A.....	
Dennehotso 4" Main.....	

**TOTAL CUSTOMERS: 12**

### SR-Commercial NG

*location:*    *commercial:*  
Shiprock Dine College.....1  
TeecNosPos 4" Main.....

**TOTAL CUSTOMERS: 1**



### TC-Commercial NG

*location:*    *commercial:*  
Tuba City Service Ententions.....

Chevron.....1
Post Office.....1
Sonic.....1
Dine Inn.....1
Thiftway.....1
Car Wash.....1
Government Building.....1
Basha's.....4
Alco.....1
Moenkopi Gas Main.....1
Tuba City 4" Main.....
Tuba City Hospital Phase II.....2

**TOTAL CUSTOMERS: 16**

### FD-Commercial NG

*location:*    *commercial:*  
Crownpoint  
BIA Sch. Ext.....1  
Old I.H.S. Housing Qrts. Main....  
NN Shopping Center Main.....  
NN Shopping Center Ext.....4  
NN Department of Youth.....1

**TOTAL CUSTOMERS: 6**

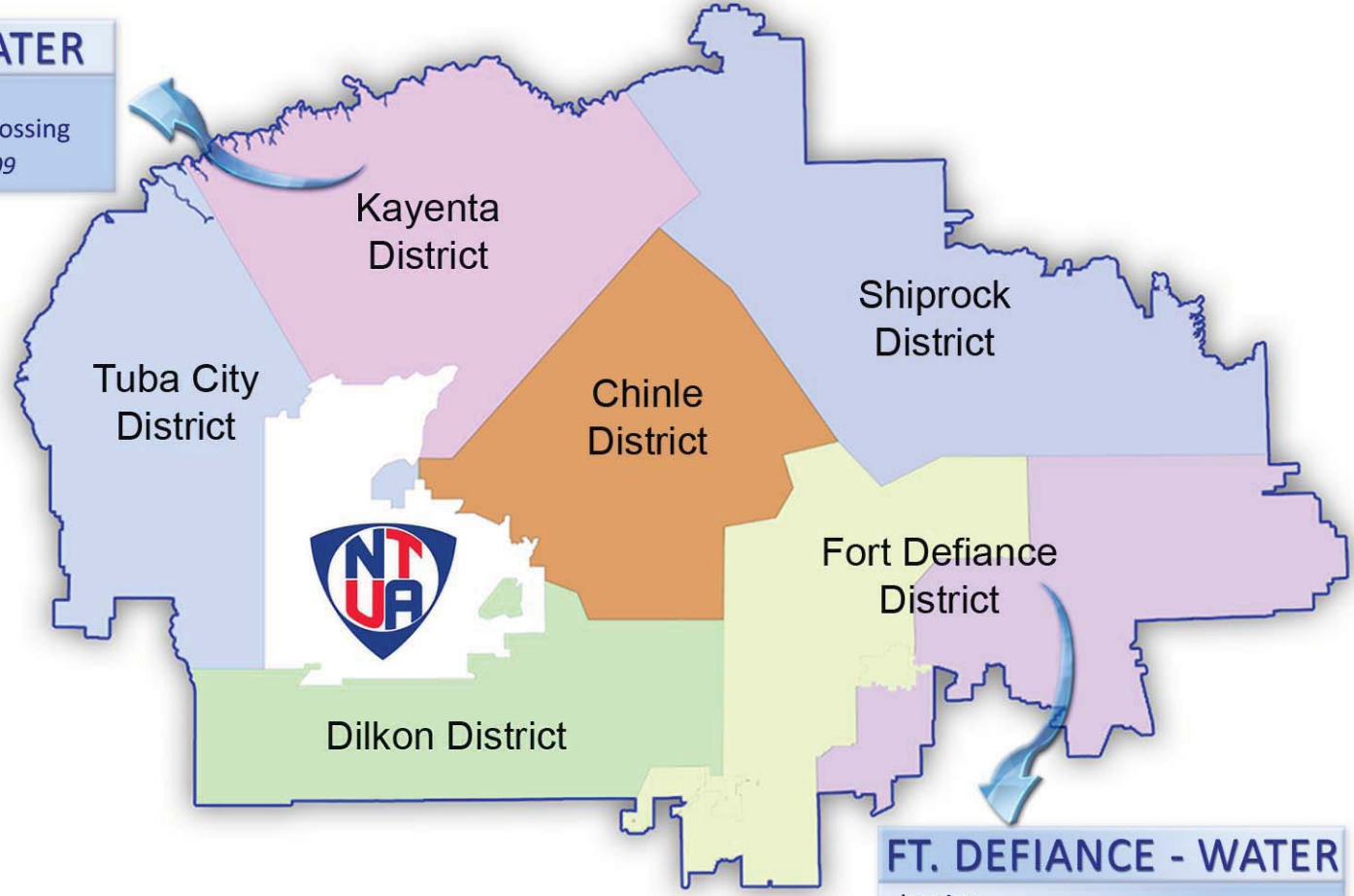


# Temporary Water Construction Department

## **2009 Water Construction Completed Projects**

**Total Amount \$292,448.00**

**KAYENTA - WATER**  
location:  
Black Mesa - BIA Road Crossing  
*Completed 12/23/09*

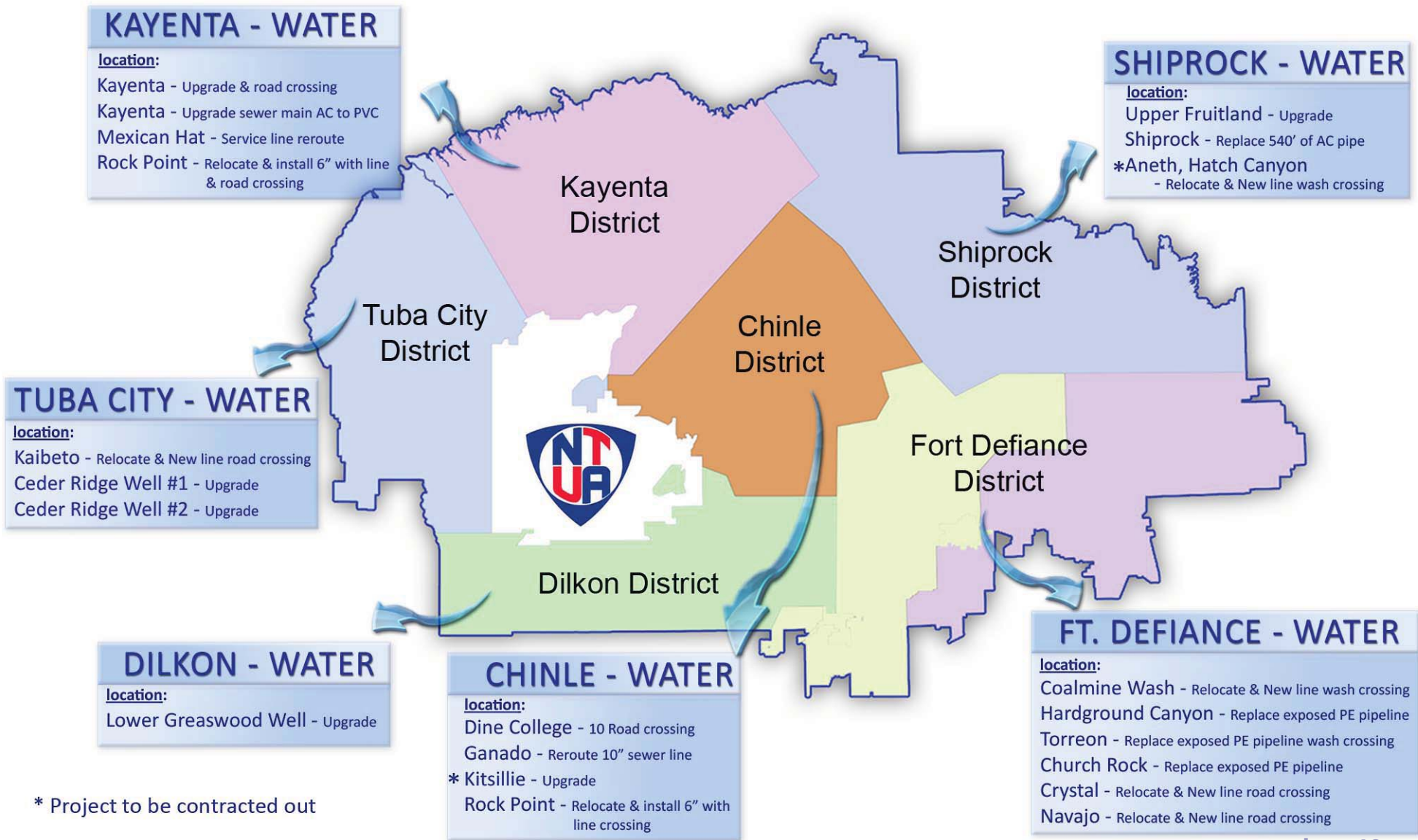


**FT. DEFIANCE - WATER**  
location:  
Naschitti - Road Crossing  
*Completed 1/19/10*



# Temporary Water Construction Department 2010 Water Construction

Total Amount \$2,865,042



\* Project to be contracted out



# Navajo Tribal Utility Authority

## Headquarters

P.O. Box 170, Fort Defiance, Arizona 86504

Telephone number: 928-729-5721

Fax number: 928-729-2135

[www.ntua.com](http://www.ntua.com)

- General Manager ..... *Walter W. Haase, PE*
- Deputy General Manager ..... *Rex Kontz*
- Chief Financial Officer ..... *Tom Nelson*
- Human Resources Manager ..... *Paul Bemore, Sr.*
- Information Technology Manager ..... *Monroe Keedo*
- Engineering & Technical Services Manager ..... *Wally Chief*

## Chinle District Office

P.O. Box 549, Chinle, Arizona 86503

Telephone number: 928-674-5470

Fax number: 928-729-6293

- Acting District Manager ..... *Alfred Dugi*
- Office Supervisor ..... *Velena Tsosie*
- Acting Field Superintendent ..... *Alfred Guy*
- Acting Customer Service Supervisor ..... *Wallace Yazzie*

## Dilkon District Office

HC 63 Box D, Winslow, Arizona 86047

Telephone number: 928-657-3258

Fax number: 928-729-6298

- Dilkon District Manager ..... *Rubianne Dugi*
- Office Supervisor ..... *Isabelle Begay*
- Field Superintendent ..... *Anthony Lee*
- Customer Service Supervisor ..... *Annelita Spencer*

## Fort Defiance District Office

P.O. Box 587, Fort Defiance, Arizona 86504

Telephone number: 928-729-5727

Fax number: 928-729-6291

- District Manager ..... *Philemon Allison*
- Office Supervisor ..... *Eunice George*
- Field Superintendent ..... *Art McCabe*
- Customer Service Supervisor ..... *Laura Sloan*

## Crownpoint Sub Office

P.O. Box 1825, Crownpoint, New Mexico 87313

Telephone number: 505-786-5566

Fax number: 928-729-6295

- District Manager ..... *Philemon Allison*
- Office Supervisor ..... *Lucy Cayatineto*
- Customer Service Supervisor ..... *Mitchell Capitan*

## Kayenta District Office

P.O. Box 37, Kayenta, Arizona 86033

Telephone number: 928-697-3574

Fax number: 928-729-6296

- District Manager ..... *Patricia Watchman*
- Office Supervisor ..... *Sadie Crank*
- Field Superintendent ..... *Vircyntia Charley*
- Customer Service Supervisor ..... *Harve Holiday*

## Shiprock District Office

P.O. Box 1749, Shiprock, New Mexico 87420

Telephone number: 505-368-4634

Fax number: 928-6292

- District Manager ..... *Eugene John*
- Office Supervisor ..... *Elizabeth Yazzie*
- Field Superintendent ..... *Herbert Beyale, Jr.*
- Customer Service Supervisor ..... *Dale George*

## Red Mesa Sub Office

P.O. Box 1749, Shiprock, New Mexico 87420

Telephone number: 928-656-3212

Fax number: 928-656-3403

- District Manager ..... *Eugene John*
- Customer Service Supervisor ..... *Dale George*

## Nageezi Sub Office

P.O. Box 1749, Shiprock, New Mexico 87420

Telephone number: 505-960-8022

- District Manager ..... *Eugene John*
- Customer Service Supervisor ..... *Dale George*

## Tuba City District Office

P.O. Box 398, Tuba City, Arizona 86045

Telephone number: 928-283-5421

Fax number: 928-729-6294

- Tuba City District Manager ..... *Dale Luna*
- Office Supervisor ..... *Fannie George*
- Field Superintendent ..... *Dennison G. Young*
- Customer Service Supervisor ..... *Delaine M. Billy*



[www.ntua.com](http://www.ntua.com)

**Navajo Tribal Utility Authority  
PO Box 170,  
Fort Defiance, Arizona 86504**



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