

# Navajo Tribal Utility Authority

A Proud Enterprise of the Navajo Nation



## 2024 Progress Report

### Utilities:

- Communications
  - Electric
  - Natural Gas
- Renewable Energy Generation
  - Residential Solar
  - Water
  - Wastewater

### Region Served:

- Northern Arizona
- Northwestern New Mexico
- Southeastern Utah

### Service Area:

- 27,000 square miles

## 2024 Major Focus Multi - Utility Construction & Development

Greetings,

I hope you and your families are all doing well and ready for 2025.

We have brought 2024 to a close and the year resulted in considerable progress on multi-utility development.

Construction was our primary focus as we continue to work towards the 2026 deadline for American Rescue Plan Act (APRA) funding. We know how significant this funding has been for the Navajo Nation and the Navajo people.

The Navajo Tribal Utility Authority is working hard to complete the utility projects under legislations approved by Navajo Nation leadership.

In 1959, NTUA was created to meet the multi-utility needs of the Navajo people. I was hired in 2008, and it has been my yearly goal to lead the NTUA team to achieve remarkable results.

This 2024 Progress Report reflects what NTUA has accomplished through the steadfast dedication and commitment of our workforce through demands and challenges, despite every pressure to meet tough deadlines.

Our employee base has grown to over 890 employees and I am very proud to say that they are dedicated and committed to achieving significant progress by making substantial improvements to our multi-utility systems. We have completed multiple utility construction projects that will benefit the people and communities we serve.

I appreciate the support of the Navajo Nation leadership that allowed us to achieve wonderful results through collaborative and collective efforts that continue to give NTUA opportunities to grow and evolve to meet our mission which is to provide safe, reliable, and affordable utility services that exceed our customers' expectations.

On behalf of our Management Board and employees, I send you, your families, friends, relatives, and community members our best wishes for 2025. I am honored to continue serving as the NTUA General Manager. It is my privilege and honor to serve the Great Navajo Nation.

Sincerely,



Walter W. Haase, P.E.  
General Manager - Navajo Tribal Utility Authority





## **NTUA VISION...**

*Enhancing our customers' lives through  
excellent utility services*

## **NTUA MISSION...**

*To provide safe, reliable,  
and affordable utility services  
that exceed our customers' expectations*



## 2024 Utility Infrastructure Development



The Navajo Tribal Utility Authority (NTUA) completed numerous major utility infrastructure projects utilizing funds from the American Rescue Plan Act (ARPA) (Navajo Nation Legislation CJY-41-21 & NN Legislation CJN-29-22 (Defunded CARES Act (DCA), Rural Utilities Services (RUS), grant funding, and other resources.

These were either new projects or upgrades of existing multi-utility infrastructure. NTUA, one of the main employers on the Navajo Nation with a workforce of over 890 employees and 200 to 600 contractor employed staff members, worked hard to meet project goals and schedules to expand and improve multi-utility services provided to the Navajo people.

Overall, NTUA has done its best to stretch the APRA funds, grant funding, and internal resources to complete as many projects as possible - depending on the various approvals for construction workload (Rights of Way), and the construction season. **For expenditures of APRA and DCA funding, please see chart, page 12.**

## Communications Services

NTUA Communication teams successfully constructed and completed a multitude of projects in 2024. One of the most significant accomplishments is augmenting the fiber optic backbone network from 100 Gbps to 900 Gbps. The expansion of the transport electronics' speed on a Native fiber network is a testament to the quality of the Navajo staff of the NTUA communications department.

For comparison, a 900 Gbps transport network is the current standard for most mid-size cities in America.

NTUA in conjunction with our upgraded electronics, accomplished the following in 2024:

- 4 ARPA projects (3 Fiber line buildouts, and 1 new Broadcast tower);
- 15 Education (E-Rate) projects (Fiber lines to Chapter Houses, Head Start Programs and Schools);
- 10 USDA Community Connect projects (1 Fiber line buildout, 1 new Broadcast tower, and

8 fiber to community anchor institutions).

- 13 NTIA projects (4 Fiber line buildouts, (1) 800-Gig bits per second "GBPS" network buildout, Navajo Nation Public Safety Wi-Fi, and SBI installed 7-4G mobile phone and Broad-band Broadcast stations).

In addition, to the 42 major projects listed above, NTUA, in partnership with NTUA-Wireless, launched 37-5G Verizon Wireless Broadcast stations.

In 2025, NTUA Communications will continue moving forward to build towers, fiber lines, wireless equipment to provide and expand internet and mobile phone services throughout Navajo Nation.

At the current pace, NTUA anticipates accomplishing the following goals in 2025: Over 20+ new projects including the following: 6 new towers, 8 Fiber line buildouts, 6 or more Broadcast stations.

## Electric Connections & Services

In 2024, NTUA was responsible for:

- providing electric service to the homes of 407 Navajo families;
- setting up one (1) home with a residential solar off grid unit; and
- extending electricity to 380 homes to the NTUA electric system

NTUA established an alliance with Continental Divide Electric Co-op, Jemez Mountains Electric Co-op, and Arizona Public Service to share the NTUA approved ARPA funding to pay for these utilities to connect 26 homes of Navajo families to their electric systems.

Of the 380 homes, NTUA connected the homes of 263 Navajo

families utilizing ARPA funding and 177 Navajo families were served by funding from other grant programs.

To stretch the NTUA grant resources as far as possible to provide electric service to as many homes as possible, 177 families of the 263 families were connected using ARPA funds under the Light Up Navajo V and Mutual Aid In-Training initiatives, which dramatically reduced the construction costs of providing service to each home.

For 2025, NTUA plans to connect 523 families to the electric grid, complete house wiring for 250 homes, and install 125 off-grid residential solar systems to Navajo homes.

## Work with Contractors

NTUA also worked with qualified electric contractors (Navajo-owned) to finish 232 house wiring projects that prepared the homes for connection to NTUA's or Neighboring electric utility's electric systems.

## Other Major Electric Infrastructure Projects

In addition to residential connections, NTUA installed electric lines to 43 non-residential facilities or structures that support critical water infrastructure, clinics, communication towers, churches, chapter facilities, public safety and other public buildings.

Major electric infrastructure projects are scheduled in 2025 and include new or upgrade of 7 Electric substations, 3 transmission line projects that are in the communities of Nenahnezad, Newcomb, Tohatchi, Cudei, Lechee, Gap, Indian Wells, and Dilkon.

These projects will increase capacity for future growth, provide more reliability to the existing infrastructure while serving to provide electric service to the Navajo Gallup Water Supply Project.

## NTUA received approval to improve regional Wastewater Treatment Plants

In 2024, construction started for 3 Wastewater Treatment Plants (Kayenta, Chinle, and Shiprock communities). On 17 June 2024, NN Legislation CMY-28-24 became law, which allocated an additional \$137 Million to NTUA specifically to address the



shortfall in funds for the Ganado, Chinle, Kayenta, and Shiprock wastewater treatment facilities.

Originally the Ganado Wastewater project was to be a mechanical wastewater treatment facility; however, given the size and projected growth of Ganado, NTUA changed the design to a total retention Lagoon that will better meet the long-term needs of the growing community. NTUA started construction of interim plants wastewater treatment facilities in Chinle, Kayenta, and Tuba City to meet the U.S. EPA enforcement actions that required compliance to improve the present function and long-term reliability of wastewater facilities. However, due to the scarcity of Navajo Nation Fiscal Recovery Funds (NNFRF) available under CJN-29-22, the original Scope of Work for Subrecipient Agreement did not include interim improvements to the three facilities. NTUA worked with Navajo Nation leaders to modify the scope of work to complete the wastewater treatment facilities for these communities which will last more than 20 years.

## Water & Wastewater Services

In 2024, NTUA:

- extended waterlines and septic systems to the homes of 109 Navajo families;
- completed 29 water cistern and septic systems for homes of Navajo families;
- finished 1 major Wastewater project;
- completed 40 major water infrastructure projects (26 water distribution systems were improved serving 26 regional communities);
- replaced 7 water distribution lines that were in danger of being washed out and lowered by utilizing directional drilling equipment to avoid future washouts;
- changed out 3 water valves to provide better pressure control and improve system reliability;
- replaced and upgraded the Dilkon Waterline Booster Station;
- refurbished 2 water storage tanks;
- placed in service the Lower Greasewood Water Treatment Plant; and
- completed a new Aneth water treatment arsenic removal system, a water loading station, and two new deep-water wells in Chilchinbeto and Tsaille.

## In 2025, NTUA plans to:

- provide Water service and Septic systems to the homes of 575 Navajo families;
- install Water Cistern and Septic systems for 201 homes;
- continue with the major construction of 3 wastewater treatment facilities; and
- proceed with the construction of the water treatment plant in Chinle.

## LUN V has higher number of outside electric companies helping to extend electricity to regional homes

In 2024, NTUA welcomed 44 utility companies from 16 different states to work alongside NTUA electric crews to extend electricity to Navajo homes without.

Light Up Navajo is a mutual aid project that was launched in 2019 to connect homes under an expedited time frame. Each year, outside companies send their electric crews to the Navajo Nation (NN) to help build powerlines and connect homes.

The partnership roles are that the outside companies pay for travel to the Navajo Nation and the labor of their crews and that NTUA provides:

- engineering & design, Right of Way acquisition, site & home preparation (house wiring); and
- food/lodging, equipment and material associated with the construction of power poles and distribution lines to connect to NTUA's electric system.

For 13 weeks from April to mid-July, the crews arrived and were assigned to work in communities throughout the NN. Most of the teams stayed for one week but some had their teams work on Navajo for up to two weeks.

Overall, in LUNV 2024 – the combined teams connected 170 homes to the electric grid for the very first time. On average, 13 homes and 4.2 miles of new powerlines were completed each week.

LUN V had representation from a cross section of the utility industry in the United States. Public Power utilities, Rural Electric Cooperatives, and Investor-Owned Utilities sent their teams to participate. Traveling teams represented the states of Alabama, Arizona, Califor-

nia, Colorado, Connecticut, Delaware, Massachusetts, New Mexico, North Carolina, Ohio, Oklahoma, Oregon, Utah, Texas, Washington, and Wisconsin.

When they arrived, visiting line workers said they couldn't believe in 2024 there were families in a region of the United States that did not have electricity. This project has made a life-changing impression for the visiting line workers and their communities. Each week, they heard heartfelt comments from Light Up Navajo families.

"We are speechless, there's no word that can describe how happy we are," said NM resident Sheila Brown who had been waiting more

than a decade for electricity. "We really do appreciate and are grateful for the help we received."

"When he hooked up the meter to our house, it was a moment of joy," said AZ resident Arthur Smith. "Now we have electric."

More than 30 outside utilities have signed up for 2025 Light Up Navajo VI (Six). The initiative begins in April and will last through July.



## Donations of Powerline Poles & Equipment for LUN from outside Utilities

The Wisconsin Electric Cooperative Association (WECA) helped organize a donation of valuable equipment to the Light Up Navajo program. WECA worked with other rural cooperatives to consider donating as well.

One of WECA's cooperative principles is "cooperation amongst cooperatives" and with that foundation, two semi-trucks loaded with transformers were sent to the NN. The Chippewa Valley Electric Cooperative donated about 170 transformers to NTUA. The donated transformers are undersized for many of the new services in the CVEC territory but will be a good



fit for the needs of NTUA. Also in 2024, a City Council in Lafayette, Louisiana approved a resolution to donate 130 power line poles to Light Up Navajo.

The Lafayette City Council finalized an ordinance authorizing the donation of the Lafayette Consolidated Government utility poles.

## Mutual Aid In-Training welcomes four outside utilities



The NTUA Mutual Aid In-Training initiative is in its 4th year and was held during the Fall of 2024. Austin Energy returned for two weeks and was joined by United Power and Mountain Parks utilities from Colorado. Today's Power from Arkansas also sent a team of electricians

to help with house wiring projects. This program is slightly different from Light Up Navajo. It is designed for outside utilities to send their crews for field training in power line and electric distribution construction. They say the Navajo Nation provides advantageous training sites with challenging terrain conditions, such as dirt roads and isolated remote worksites. In 2024, the homes of 7 families were connected to the electric grid and 18 homes either received house wiring or had meter loops set. In total, powerlines were extended over 3.2 miles. Once the house wiring was completed, preparations were put in place for electric connection.

NTUA electric line crews were field trainers as they worked with the visiting crews. They demonstrated how to work on a rural electric system and to build power lines from scratch.

The visiting companies paid for their staff time/labor and transportation, including driving their utility trucks to the Navajo Nation. NTUA paid for the design, Right of Way acquisition, materials, equipment, and lodging/meals for the visiting crews. That was how the Mutual Aid In-Training partnership has evolved into mutually beneficial program – outside crews receive valuable field training and families receive electric services for the first time.

## IBEW joins NN electrification programs

In 2024, a new segment was added to the Light Up Navajo (LUN) programs. The International Brotherhood of Electric Workers volunteered to send IBEW electricians to assist with house wiring.

IBEW has a non-profit segment that sends volunteer electricians to help with electric projects throughout the world. This non-profit arm of IBEW is called Electric Workers Without Borders North America (EWWBNA). When they heard about Light Up Navajo, they contacted NTUA asking how they can help.

The EWWBNA group invited NTUA General Manager Walter Haase to join them at a major IBEW membership meeting in Chicago. After hearing about Navajo Nation (NN) electrification challenges, the membership voted to have EWWBNA join the LUN program to help Navajo families receive house wiring.

IBEW EWWBNA teams worked with NTUA electricians from October to mid-November in 2024. The

IBEW crews worked in Tuba City, Dilkon, and Chinle districts. Once the house wiring was completed, the homes were prepared to be connected to NTUA's electric distribution system.

The IBEW (21 electrician volunteers) and NTUA electricians completed 10 house wiring projects and installed 36 meter loops.

The visiting IBEW members were from Local 3 of New York City (NYC), and they were absolutely astounded with the Navajo Nation. They were overwhelmed by the vast open spaces and were excited to work in a region where they knew so little about. Many of them had never been in a tribal community.

Some families showed their gratitude and cooked meals for the visiting NYC electricians while sharing stories of the challenges



of living without electricity. The stories were deeply meaningful and demonstrated the need to continue doing what is necessary to extend multi-utility services to families without.

EWWBNA and NTUA named this newfound partnership Naasgo' - Wiring the Navajo Nation. It was a pilot project, and the hope is that it will continue to grow for years to come. Hence – Naasgo' (here forward).

Because of the success of the Naasgo' – Wiring the Navajo Nation pilot project, IBEW has made a commitment to send more volunteers in April 2025 to help with house wiring.

# NTUA moves forward with Renewable Energy development

Since 2017, NTUA has been working on renewable energy generation with the purpose of meeting the unmet multi-utility needs of the Navajo Nation. With excess proceeds derived from the projects, NTUA's goal is to create new jobs, boost the local economy, keep residential electric rates stable, and extend electricity to the homes without. Once electricity reaches a home, water, wastewater services and broadband internet can be offered to those homes. NTUA created Navajo Generation, Inc. (NGI) to focus on large scale renewable energy development and generation. By creating NGI, NTUA gained the ability to qualify for tax credits. Since its creation, NTUA-NGI has submitted proposals that proved that a Navajo Nation enterprise is qualified to develop and manage a large-scale renewable energy project as proven by the success of the Kayenta Solar I & II and Red Mesa Solar projects.

## NTUA-NGI continues to make progress on Cameron Solar

BACKGROUND: In January 2020, Salt River Project Agricultural Improvement and Power District (SRP) issued a request for proposals for solar energy projects located within the Navajo Nation. NTUA-NGI responded to SRP's request for a proposal for a 200MW solar project in the Cameron Chapter. In December 2020, SRP informed NTUA that its proposal was selected for development. The Cameron Solar Project is designed to export electrical energy. A lease signed in April 2021 for the 200 MW project. A purchase power agreement has been signed with the Salt River Project. Cameron Solar project will utilize 100 MW of

transmission owned by the Navajo Nation (NN). The Cameron Solar Project will bring outside dollars into the NN to help benefit Navajo families and the Navajo Nation government.

In addition, excess proceeds received from the Cameron Solar Project will allow NTUA-NGI:

- Build powerlines in the Cameron community, allowing more homes to be connected to the electric grid
- Extend Water, Wastewater services and Broadband from NTUA water systems to Cameron homes
- Provide Mobile Phone and Internet access

**UPDATE:** NTUA-NGI has procured long lead time items for the project such as transformers. We are currently designing and engineering the substation. NTUA-NGI has completed 10% of the site design for the solar plant and expects to obtain 30% of the site design once the APS interconnection process makes additional progress. Due to delays associated with Arizona Public Service's interconnection process, the anticipated completed has been delayed to 2029.

## LATEST DEVELOPMENTS: NTUA-NGI signs landmark MOU to develop advanced energy manufacturing projects in the Nenahnezad Chapter

NTUA-NGI signed a landmark MOU with its partners, Lion Point Capital, Shijing, and Navajo Sun to develop a solar cell manufacturing plant and solar module assembly plant. The project company, Ne'zaad project, situated in the Nenahnezad Chapter, will not

only bring a state-of-the-art solar cell manufacturing facility, which doesn't in the United States today. The project also includes a solar module assembly plant. Together, these manufacturing plants will bring much-needed economic revitalization to the region which has been negatively impacted by the decline of the coal industry. The name Ne'zaad was selected for its description of distance, long journey, and moving forward. The Nenahnezad Chapter has voiced its strong support through Resolution NZC-036-2024, reflecting a shared vision for progress and prosperity. The projects are expected to generate over 2,000 construction jobs and 2,000 long-term, well-paying jobs for our Navajo people.

Beyond immediate job creation, the Ne'zaad Solar project will provide substantial revenue for the Navajo Nation through taxes and lease payments, enabling the Navajo Nation to invest further in critical community programs. The chapter's intention to use these funds to support scholarships, internships, youth programs, and Veterans services, etc., exemplifies the broader positive impact this project will have on our communities.

## Nenahnezad and San Juan chapters approve separate renewable energy project development

The NTUA-NGI team has made significant progress on additional renewable energy development in Northern Navajo. NTUA-NGI has obtained Nenahnezad and San Juan Chapter supporting resolutions and grazing permittee consents for over 5,000 acres of development on trust lands within



the Nenahnezad and San Juan chapters and on the reclaimed Mine lands. NTUA-NGI is in the process of completing biological and cultural studies of the 700 acres with an estimated lease date of late first Quarter or early 2nd Quarter of 2025. NTUA-NGI intends to begin permitting studies on the other lands in first Quarter of 2025. NTUA-NGI intends to develop at least 500 MW of renewable solar energy.



### **Coalmine Canyon supports NTUA in renewable energy development**

NTUA-NGI obtained a chapter supporting resolution in December 2024 to develop renewable energy in the Coalmine Canyon chapter. The proposed project is expected to create at least 200 construction jobs and 2-3 long-term full-time jobs. In addition to the job opportunities, NTUA-NGI will support the endeavors of the Navajo Nation government through tax and lease payments. As part of the chapter resolution, NTUA-NGI will establish a community benefits fund which may be used to support scholarships, internships, youth programs, Veterans programs, infrastructure projects, and other initiatives to support the quality of life for the Coalmine Canyon members.

## **NTUA receives \$100 million partially forgivable loan from USDA PACE program to construct community solar projects across the Navajo Nation**

In 2024, NTUA-NGI submitted a funding application to United States Department of Agriculture Rural Utilities Services (USDA RUS) to develop various community solar projects across the Navajo Nation, following an announcement that \$1 billion funding was available as part of the Powering Affordable Clean Energy (PACE) program under the President Joe Biden administration to help make clean, affordable, and reliable energy accessible to the people of rural America. In 2025, NTUA-NGI received notice that it has been awarded \$100 million in partially forgivable loans. NTUA-NGI's application focused on developing photovoltaic solar facilities with a battery energy storage system totaling 30.75 megawatts of renewable energy in rural parts of Arizona and New Mexico. This will provide enough locally generated electricity to power nearly 13,000 homes each year.

A key element to this funding relates to utility scale battery storage because it will provide another level of reliability for the electric system, especially in remote areas. It will be the first time that NTUA will be able to operate its battery storage system on the Navajo Nation. Energy from the projects will offset the costs that NTUA electric customers would otherwise bear when NTUA purchases power from a third-party company outside the Navajo Nation. This process can become expensive, especially during high peak times when NTUA must purchase power at a higher price. NTUA plans to build solar generation units at 9 locations within the Navajo Nation, which include 5 large scale utility plants in Cudei, Ganado, Chinle, LeChee,

and Round Rock communities - 4 will have battery storage. NTUA will also replace the small 4 solar generation units at NTUA offices in Fort Defiance, Chinle, Dilkon, and Crownpoint. The projects will be connected to NTUA electric distribution facilities, and all the energy and storage will be used by NTUA's electric customers. NTUA based the site selections of projects on chapters that have already provided supporting resolutions, or chapters that have shown interest in supporting community solar projects within their community. As NTUA builds these facilities, there is a guarantee of new jobs for Navajo workers. NTUA hopes to complete permitting for the sites in 2025, and to begin construction in late 2025/early 2026 for most of the projects.



## **NTUA-NGI receives chapter supporting resolution to construct LeChee Red Antelope Solar and Battery project**

NTUA-NGI obtained a long-awaited LeChee chapter resolution to develop and construct the Red Antelope solar and battery project. The size of the project is 400MW with 1600 MWh battery storage.

NTUA-NGI is partnering with Avantus on the project and has started the permitting process in late 2024. The project will bring in over 400 construction jobs and 10-20 long-term full-time jobs in an area where many jobs were lost from the closure of the Navajo Generating Station.

In addition to the job opportunities, NTUA-NGI endeavors to support the Navajo Nation government through tax and lease payments. As part of the chapter resolution, NTUA-NGI will establish a community benefits fund which can be used to support scholarships, internships, youth programs, Veterans' programs, infrastructure projects, and other initiatives supporting the quality of life for the Coalmine Canyon community members. The expected commercial operation of the project is late 2028.

## **NTUAW mobile service to End; Transition announced**

In September 2024, NTUAW announced that it would no longer offer mobile phone services by the end of December 2025. Letters were sent to NTUAW mobile customers to allow them enough time to sign up with another carrier, giving them a choice of provider.

## **CHOICE NTUA WIRELESS IMPLEMENTS NEW PROGRAMS \$30 Discount program for Broadband/Internet in Lieu of ACP**

The Affordable Connectivity Program (ACP) is a Federal Communications Commission (FCC) benefit program that helped ensure that households can afford broadband for work, school, healthcare and more.

Sixty percent (60%) of NTUAW's customer base qualified and took

steps to apply for the ACP. Unfortunately, the federal government officially ended the ACP in May of 2024. Therefore, in lieu of the ACP, NTUAW provided a discount of \$30 per month toward internet service for eligible households. The offer will remain in effect until May 2025.

## **Next Generation Fixed Wireless Technology (ngFWA)**

Due to continuous network upgrades and infrastructure improvements in the digital footprint, NTUAW has been able to provide scalable and reliable broadband internet services leveraging access to a combination of several licensed wireless spectrum assets, including the widely deployed CBRS / 3.5GHz spectrum.

Choice NTUAW was able to expand its coverage footprint to unreachable locations with ngFWA. ngFWA is an entirely new technology built from the ground up to deliver reliable residential broadband. ngFWA provides affordable internet service

with the deployment ease and scalability of wireless technology. Now these unserved and underserved communities that were limited to 9 Mbps download speeds now can get up to 200 Mbps immediately with speeds up to a gigabit coming soon.

The ngFWA is the first wireless broadband solution to deliver fiber-speed broadband at great distances despite radio interferences or physical obstructions, enabling NTUAW to deploy affordable, quality internet services in hard-to-reach areas.

## **Window Rock Fiber to the Home Program**

As a pilot project in 2023, NTUA and NTUAW connected 28 Navajo Nation Tribal homes in Window Rock which was completed in April 2024. The completion served as a blueprint for future projects allowing

NTUAW to deliver up to 1 Gb symmetrical speeds. The pilot project created a model for future funded projects in Montezuma Creek, UT and the Kayenta Township.

Since then, NTUAW has focused on improving broadband services across the Navajo Nation by enhancing and upgrading our network to provide high-speed broadband services.

Over the years, NTUAW has served tens of thousands of

customers with excellent mobile service and coverage. NTUAW is proud of what it has accomplished regarding mobile phone services. Moving forward, NTUA Choice Broadband pledges to provide the Navajo people with quality and reliable internet service.

## Navajo Nation Consortium

NTUAW was awarded three phases of E-rate projects with the Navajo Nation. NTUAW and the Navajo Nation Broadband Office are excited to announce the completion of the Navajo Nation Consortium Projects Phases 1 and 2 as of July 2024 by connecting 67 Chapter Houses and/or Headstart buildings.

Through collaboration with NTUA and the Navajo Nation Council, NTUAW secured a waiver to these fees. As a result, NTUA Communications completed installing fiber for 67 Chapter Houses and/or Headstart buildings. These facilities now have access to 100 Mbps symmetrical internet service, enabling them to expand services to their communities.

NTUAW identified three Project sites that could not be completed by their respective deadlines to complications in obtaining Rights of Way.

NTUAW appreciates the continued support of the Navajo Nation Broadband Office and looks forward to expand the NTUAW project list as needed in the upcoming funding years.

## USDA Grant extends internet services in Teec Nos Pos

Through a USDA Community Connect Grant Award, NTUAW helped make internet use a reality for hundreds of residents in one of the most unserved communities on the Navajo Nation.

With the assistance of the Community Connect Grant funds, NTUA Communications installed the fiber and NTUAW connected the LTE based fixed-wireless network which provides high-speed internet access to homes and businesses.

NTUAW also set up four (4) computers and two (2) color printers at the Teec Nos Pos Chapter House as part of the Grant. The chapter will also receive two-years of free internet service.

On August 30, 2024, NTUA and NTUAW hosted a ribbon cutting ceremony to commemorate the milestone. USDA Rural Development (USDA-RD) representatives and USDA-RC State Director Charlene Fernandez, NN tribal executives, Teec Nos Pos Chapter officials, and community members were in attendance to celebrate the occasion.

**For 2024 NTUA Wireless & Broadband 2024 goals, please see charts, pages 13.**

## High School Sportsmanship Awards honor student dedication on and off the Basketball court

NTUA and partner Choice NTUA Wireless award regional high school athletes with Sportsmanship Awards. The awards are presented during the regional and district playoffs in New Mexico and Arizona before hundreds of basketball fans. 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 high GPA and must demonstrate integrity at their schools and communities.



## Water Systems Reports issued in July, meeting federal deadline.

In 2024, NTUA met the requirements of the U.S. Safe Drinking Water Act and prepared for public viewing the Consumer Confidence Reports (CCR) of all its water systems. The federal law which mandates water operators give water users an annual report of their water system. NTUA operates and maintains 94 public water systems throughout the Navajo Nation.

These public water systems are monitored to assure drinking water customers data regarding the system design, monitoring, and sampling results for the NTUA water systems. The CCR provides information including but not limited to the type of water source, recent water quality detections, potential health effects, and governing drinking water standards and regulations. These reports are available and can be reviewed on the NTUA website.

## Free NG Pilot Lighting Service

In 2024, NTUA offered a free natural gas pilot lighting service to all NTUA natural gas customers. This service was for natural gas customers and not intended for propane or butane heaters or stoves. NTUA crews practice safe distancing and wore masks before entering homes.

## NTUA Holiday Package sent to Military Personnel

The 2024 NTUA Military Care Packages were sent and arrived at destinations before the Holiday season. Over the years, this heartfelt initiative has been organized by the Human Resources (HR) department. It's a project that extends sincere wishes and deep-felt gratitude to members of our military forces and to let them know that they are in our thoughts and prayers, especially when they are in distant lands during the holiday

season. HR had publicly invited families to submit names and addresses of service men and women stationed throughout the world. The department also hosted fund-raising events to raise money for care package items and postage.

In 2024, 94 packages were sent with 39 sent overseas to countries, including Germany, Poland, Japan, Africa, South Korea, Afghanistan, Italy, Iraq, United Kingdom, Qatar,

and Bahrain. The Holiday Care packages included non-perishable food, personal hygiene care items, copies of the Navajo Times, Navajo Nation Council Speaker's report, and additional items donated by the Office of Navajo Nation President & Vice President, Honorable Navajo Nation Delegate Dr. Andy Nez & Legislative District Advisor Amber Benallie, and NTUA Employees company wide.



## NTUA COMMUNITY OUTREACH: Extending helping hands with Ke' teachings



Each year, NTUA Employees help with various community events, following the traditional Navajo teaching of Ke'. As part of the participation, NTUA employees host fund-raising activities. When people say Ahe'hee' to our employees, we understand that it means more than Thank You, it means with Deep Gratitude. We appreciate the expression knowing it's part of our mission to help support communities. At

NTUA we believe in community; therefore, we are community.



## NTUA Lineman Apprentice earns Outstanding Arizona Apprentice of the Year

Jerrod Nez, a Line Maintainer Apprentice from the Dilkon District, received the Arizona Outstanding Apprentice Award in 2024. The award was given by the AZ Department of Economic Security & the AZ Apprenticeship Advisory Committee. NTUA's outstanding apprentice along with other outstanding apprentices represented utilities and companies statewide. At NTUA, there are Apprenticeship programs that are certified with the Arizona Department of Commerce and registered with the United States Department of Labor. The program is designed for employees to continue their education in skilled trades that will enhance their lives, increase their wages, and contribute to maintaining and providing multi-utilities services to the Navajo people and regional communities. Currently there are 50 employees working with the Apprenticeship program, including on-the-job training. The program was established to meet the demands of utility trades with a properly trained workforce.



## Winter Coat & Clothing Drive for regional family Shelters



Over a thousand clothing items were donated by NTUA employees in November 2024. The items collected ranged from Jackets, Sweaters, Sweatpants, Jeans, Scarves, Beanies, Socks, Shoes and Blankets. All donated items were taken to three different locations: Hogan Hozhoni in St. Michaels, Ama Doo Alchini Bighan in Chinle and Toh'de'nasshai Committee Against Family Abuse in Kayenta.



## Making Holidays Brighter for Kids

In December 2024, NTUA held fund-raising drive for a Christmas Toy Drive. Employees were given a wish list and from that 113 wrapped toys were donated to four schools—Window Rock Primary (34), Hunters Point (30), Navajo Pine (21), and Lukachukai Elementary (28). The toys were delivered before the Christmas break, bringing many smiles to regional students.

## Pet Food Drive for Animal Control Facility



In 2024, NTUA employees delivered hundreds of pounds of dog/cat food to the Fort Defiance Animal Control facility. It was brought

to the attention of NTUA that FD animal control staff members were paying out of their own pockets to provide food for the animals in the shelter. The facility had been relying on generous donations to feed the animals. NTUA employees formed a team and organized a raffle to raise funds to purchase dog and cat food for the Fort Defiance Animal Control center. In total the team raised close to \$500 dollars and used it to purchase 652 lbs. of Dog Food, and 181 lbs. of cat food.





2024 PUBLIC POWER LINEMEN'S RODEO  
SAFAYETTE, LOUISIANA | APRIL 5 - 6, 2024



NATIONAL GAS RODEO



SEPTEMBER 11-14, 2024  
FLORENCE, KENTUCKY





# NTUA Approved Allocations: ARPA & DCA Funding

## Navajo Nation Legislations CJN-29-22 & CJY-41-21

Fund	Type	Project Name	Award (\$)	Total Spent (\$)	2024 Spent (Actual)	2025 Spent (Expected)	2026 Spent (Expected)
ARPA	Electric	2.18 Electric Connections and Electric Capacity Projects	\$ 65,652,206	\$ 19,573,088	\$ 8,275,878	\$ 23,009,554	\$ 23,009,554
DCA	Electric	2.18 Housing Support/Other Housing Assistance (*formerly 3.12)	\$ 28,982,874	\$ 15,023,660	\$ 1,020,477	\$ 13,959,214	\$ -
	Subtotal: Electric		\$ 94,635,080	\$ 34,596,758	\$ 9,296,355	\$ 36,968,768	\$ 23,009,554
ARPA	Wastewater	5.1 Centralized Wastewater Treatment Projects	\$ 171,037,681	\$ 96,711,011	\$ 36,550,661	\$ 67,163,335	\$ 67,163,335
	Subtotal: Wastewater		\$ 171,037,681	\$ 96,711,011	\$ 36,550,661	\$ 67,163,335	\$ 67,163,335
ARPA	Water	5.10 Drinking Water Treatment	\$ 10,030,000	\$ 66,282	\$ 66,282	\$ 4,981,859	\$ 4,981,859
ARPA	Water	5.11 Drinking Water Transmission and Distribution	\$ 3,810,000	\$ 178,593	\$ 178,593	\$ 1,815,704	\$ 1,815,704
ARPA	Water	5.13 Drinking Water Storage	\$ 18,500,000	\$ 400,793	\$ 400,793	\$ 9,049,604	\$ 9,049,604
ARPA	Water	5.15 Drinking Water Cistern Projects	\$ 84,000,000	\$ 12,892,130	\$ 5,882,140	\$ 35,553,935	\$ 35,553,935
DCA	Water	5.2 Clean Water: Centralized Wastewater Collection and Conveyance	\$ 3,200,004	\$ 440,536	\$ (83,078)	\$ 2,759,468	\$ -
DCA	Water	5.3 Clean Water: Decentralized Wastewater	\$ 11,105,636	\$ 2,700,589	\$ 572,719	\$ 8,405,037	\$ -
DCA	Water	5.11 Drinking water: Transmission & Distribution	\$ 2,898,372	\$ 2,822,582	\$ 790,753	\$ 75,790	\$ -
DCA	Water	5.14 Drinking water: Storage	\$ 755,486	\$ 561,585	\$ -	\$ 193,891	\$ -
DCA	Water	5.15 Drinking Water: Other water infrastructure	\$ 3,701,881	\$ 901,279	\$ 314,991	\$ 2,800,602	\$ -
	Subtotal: Water		\$ 138,001,379	\$ 20,954,388	\$ 8,123,192	\$ 65,635,689	\$ 51,401,101
DCA	Communication	5.19 Broadband: Last Mile Projects (*formerly 5.16)	\$ 5,370,432	\$ 2,734,660	\$ 1,194,984	\$ 2,635,772	\$ -
DCA	Communication	5.21 Broadband: Other projects (*formerly 5.17 and 5.20)	\$ 9,679,381	\$ 4,109,007	\$ 1,488,366	\$ 5,570,374	\$ -
	Subtotal: Communication		\$ 15,049,813	\$ 6,843,667	\$ 2,683,350	\$ 8,206,146	\$ -
<b>Total</b>			<b>\$ 418,723,554</b>	<b>\$ 99,115,824</b>	<b>\$ 56,653,558</b>	<b>\$ 178,004,139</b>	<b>\$ 141,603,991</b>

\*\* This includes the grant awarded by the Navajo Nation on October 31, 2024: an additional ARPA grant of \$ 137,362,343.17 to address funding shortfalls for wastewater treatment plants (WWTP) in Chinle, Ganado, Kayenta, and Shiprock. This project will ensure compliance with U.S. EPA administrative Orders of Compliance.

# 2024 NTUA/NTUAWireless Goals

Broadband	16,681
Tribal Lifeline	2,283
Mobile Prepaid	<u>329</u>
<b>TOTAL</b>	<b>19,293</b>

- In 2024, the NTUA/NTUAW installed 37 of the 86 Verizon Wireless sites
- After December 31<sup>st</sup> of 2025, NTUAW will be exiting the mobile phone business.



## NTUA Choice Broadband/Wireless 2024 Summary Totals

	as of 10.21.2024	EOY 2023	EOY2022	EOY2021	EOY2020
Broadband	10,038	14,481	11,756	9,116	6,773
Tribal Lifeline	2,532	4,565	7,241	9,034	9,587
Mobile Prepaid	325	658	1,460	2,229	2,970
<b>Total</b>	<b>12,895</b>	<b>19,704</b>	<b>20,457</b>	<b>20,379</b>	<b>19,330</b>





**Navajo Tribal Utility Authority**  
An Enterprise of the Navajo Nation

**2024/2025**  
**Financials**

# NTUA Quarterly Tax payments to Navajo Nation in 2024

## NOT INCLUDING TAXES PAID BY NTUA CONTRACTORS & VENDORS

Year	Construction Tax	Consumption Tax Form 100	Sales Tax - Café Form 100	Junk Food Tax Form 1100	Totals
2024	\$ 2,913,096	10,939,405	35,106	11,702	\$ 13,899,309
2023	3,056,005	11,419,814	28,064	9,355	\$ 14,513,239
2022	5,336,552	10,870,355	24,503	8,168	\$ 16,239,578
2021	2,568,561	9,551,592	20,678	6,893	\$ 12,147,724
2020	3,523,863	8,764,191	17,915	5,972	\$ 12,311,941
2019	2,386,106	8,446,179	10,132	3,377	\$ 10,845,795
2018	3,119,181	5,467,078	-	-	\$ 8,586,259
2017	2,858,672	4,614,430	-	-	\$ 7,473,102
2016	3,629,926	4,066,687	-	-	\$ 7,696,613
2015	761,912	4,083,307	-	-	\$ 4,845,219
2014	541,728	3,899,462	-	-	\$ 4,441,190
		<b>Totals</b>			<b>\$ 112,999,968</b>

As a not-for-profit Navajo Nation enterprise, NTUA abides by the Navajo Nation Procurement/Purchasing Preference and submits tax payments to the Navajo Nation every quarter based on the revenues generated by utility consumption paid by utility customers.

The taxes that NTUA pays cover the 6 percent of Navajo Nation sales tax and the applicable certified Chapter/Township tax rates.

NTUA also pays the 6 percent on any construction project and mandates that the materials and equipment be delivered to locations on Navajo so that the applicable Navajo Nation sales tax is paid on material and equipment.

The table to the right shows the various taxes that NTUA has paid to the Navajo Nation in 2024.

**NAVAJO TRIBAL UTILITY AUTHORITY**  
(A Navajo Nation Enterprise)

Statements of Revenues, Expenses, and Changes in Net Position

Years ended December 31, 2023 and 2022

	<b>2023</b>	<b>2022</b>
Operating revenues:		
Electric	\$ 127,197,535	118,648,617
Gas	15,305,149	25,536,127
Water	22,675,898	22,431,334
Other	18,548,675	19,611,775
Wastewater	5,129,711	4,944,116
Photovoltaic	488,478	432,655
Gross operating revenues	189,345,446	191,604,624
Less provision for bad debts	404,805	184,963
Total operating revenues, net	188,940,641	191,419,661
Operating expenses:		
Electricity, gas, and water purchased for resale	75,565,086	84,500,419
Operation and maintenance	34,389,713	32,124,339
Administrative and general	32,860,092	28,188,987
Customer accounts and sales	3,789,240	3,125,006
Provision for depreciation and amortization	36,064,221	32,106,741
Total operating expenses	182,668,352	180,045,492
Operating income	6,272,289	11,374,169
Nonoperating revenues (expenses):		
Interest expense	(17,234,636)	(8,696,393)
(Decrease) increase in fair value of investments	1,059,268	(1,713,632)
Allowance for funds used during construction	3,131,078	—
Merchandising, jobbing, and contract work, net	(131,621)	193,456
Other, net	(1,838,574)	8,017,052
Investment and interest income	7,597,730	3,664,207
(Loss) income from investment in joint venture	(221,443)	(3,709,868)
Total nonoperating revenues	(7,638,198)	(2,245,178)
Income before contributions	(1,365,909)	9,128,991
Contributed Capital	—	25,000,000
Change in net position	(1,365,909)	34,128,991
Net position at beginning of year	330,268,191	296,139,200
Net position at end of year	\$ 328,902,282	330,268,191

See accompanying notes to basic financial statements.

**NAVAJO TRIBAL UTILITY AUTHORITY**  
(A Navajo Nation Enterprise)

Revenues, Expenses, and Changes in Net Position Data by Type of Service

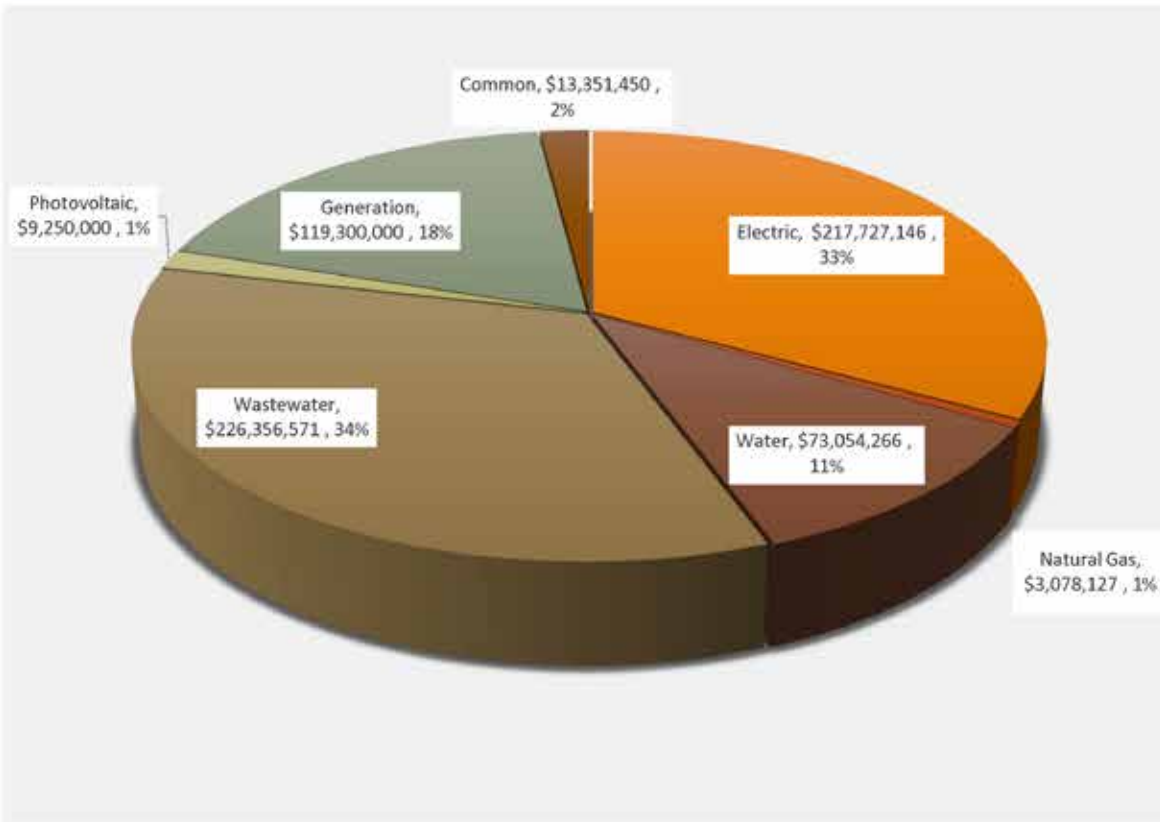
Year ended December 31, 2023

	<u>Electric</u>	<u>Gas</u>	<u>Water</u>	<u>Wastewater</u>	<u>PV</u>	<u>Total</u>
Gross operating revenues	\$ 145,746,210	15,305,149	22,675,898	5,129,711	488,478	189,345,446
Recovery of bad debt	224,667	32,384	110,998	32,465	4,291	404,805
<b>Total operating revenues, net</b>	<b>145,521,543</b>	<b>15,272,765</b>	<b>22,564,900</b>	<b>5,097,246</b>	<b>484,187</b>	<b>188,940,641</b>
Operating expenses:						
Electricity, gas, and water purchased for resale	65,644,473	7,986,604	1,934,009	—	—	75,565,086
Operation and maintenance	7,462,158	3,498,181	18,329,424	4,096,493	1,003,457	34,389,713
Administrative and general	19,534,855	2,444,965	8,376,561	2,234,864	268,847	32,860,092
Customer accounts and sales	1,834,287	299,832	1,253,954	372,002	29,165	3,789,240
Provision for depreciation and amortization	25,312,130	1,925,644	5,689,066	1,877,573	1,259,808	36,064,221
<b>Total operating expenses</b>	<b>119,787,903</b>	<b>16,155,226</b>	<b>35,583,014</b>	<b>8,580,932</b>	<b>2,561,277</b>	<b>182,668,352</b>
<b>Operating income (loss)</b>	<b>25,733,640</b>	<b>(882,461)</b>	<b>(13,018,114)</b>	<b>(3,483,686)</b>	<b>(2,077,090)</b>	<b>6,272,289</b>
Nonoperating revenues (expenses):						
Interest expense	(14,253,294)	(51,956)	(796,263)	(2,126,239)	(6,884)	(17,234,636)
Increase in fair value of investments	53,193	4,621	492,082	509,282	90	1,059,268
Allowance for funds used during construction	3,131,078	—	—	—	—	3,131,078
Merchandising, jobbing, and contract work, net	(235,973)	25,387	(349,106)	404,211	23,860	(131,621)
Other, net	(1,530,928)	(42,769)	(165,654)	(87,023)	(12,200)	(1,838,574)
Investment and interest income	3,739,094	109,406	2,501,712	1,239,270	8,248	7,597,730
Income from investment in joint venture	(221,443)	—	—	—	—	(221,443)
<b>Total nonoperating revenues</b>	<b>(9,318,273)</b>	<b>44,689</b>	<b>1,682,771</b>	<b>(60,499)</b>	<b>13,114</b>	<b>(7,638,198)</b>
<b>Change in net position</b>	<b>16,415,367</b>	<b>(837,772)</b>	<b>(11,335,343)</b>	<b>(3,544,185)</b>	<b>(2,063,976)</b>	<b>(1,365,909)</b>
Net position at beginning of year	206,996,706	18,525,923	82,564,321	21,243,501	937,740	330,268,191
Change in working capital provided by (to) other services	(17,143,748)	(3,204,353)	40,660,600	(29,059,377)	8,746,878	—
<b>Net position at end of year</b>	<b>\$ 206,268,325</b>	<b>14,483,798</b>	<b>111,889,578</b>	<b>(11,360,061)</b>	<b>7,620,642</b>	<b>328,902,282</b>

See basis of presentation – schedules 1 through 4.

See accompanying independent auditors' report.

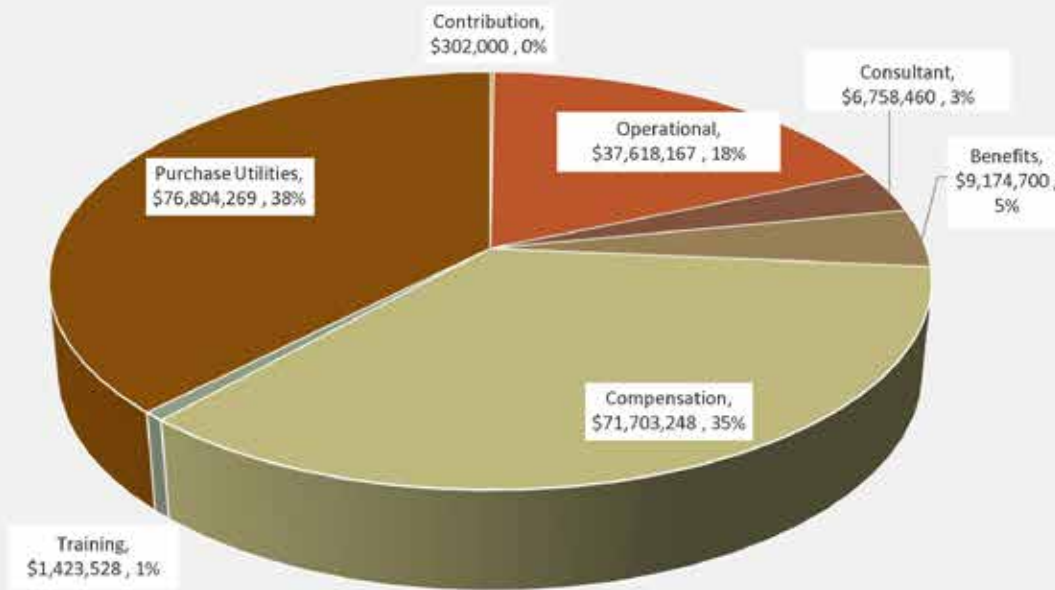
# Approved 2025 NTUA Capital Budget



Electric	\$ 217,727,146
Natural Gas	\$ 3,078,127
Water	\$ 73,054,266
Wastewater	\$ 226,356,571
Photovoltaic	\$ 9,250,000
Generation	\$ 119,300,000
Common	\$ 13,351,450
<b>Total Capital Budget</b>	<b>\$ 662,117,560</b>



# Approved 2025 Budget NTUA Operations & Maintenance



Contribution	\$ 302,000
Operational	\$ 37,618,167
Consultant	\$ 6,758,460
Benefits	\$ 9,174,700
Compensation	\$ 71,703,248
Training	\$ 1,423,528
Purchase Utilities	\$ 76,804,269
<b>Total O&amp;M Budget</b>	<b>\$ 203,784,372</b>



# NTUA Rate Comparison as of June 2024

		Residential						
Average NTUA Usage		Electric Summer	Electric Winter	Gas Summer	Gas Winter	Water	Waste Wtr	Tax Rates
		390 kWh	580 kWh	20 Therms	65 Therms	4400 Gallons 5/8" Meter	4400 Gallons 5/8" Meter	
NTUA	\$	34.61	\$ 48.67	\$ 16.63	\$ 37.72	\$ 35.34	\$ 18.44	6.0%
Page		39.87	55.64	16.87	32.32	17.42	28.58	9.9%
Farmington		54.31	74.20	19.06	34.06	37.76	35.02	8.2%
Gallup		59.71	88.08	19.06	34.06	31.60	41.33	8.1%
Flagstaff		61.27	85.83	16.87	32.32	38.54	23.54	9.2%
Winslow		61.27	85.83	16.87	32.32	28.03	35.89	9.4%
Blanding, UT		47.89	65.87	40.27	103.89	26.53	27.50	6.8%
Jemez Mountain		62.85	82.76					6.3%
Continental Divide		74.77	94.63					6.5%
RMP - Utah		45.21	60.63					7.0%

Average Rates      \$      54.18    \$      74.21    \$      20.80    \$      43.81    \$      30.75    \$      30.04

For Comparison:

An average City's Electric system has about 500 customers per mile of line. NTUA's Electric system has 4.06 customers per mile of line.

Also please note that Tuba City and Cameron residents pay the same amount of utility rates as Flagstaff and Winslow.

**\*\* NTUA has not increased electric rates for more than 16 years.**

# NTUA: The Costs of Utilities & Comparison to Neighboring Utilities

In comparison to any other utility company in the Arizona, New Mexico, and Utah, NTUA is very flexible with supporting our customers' needs and looks for a solution to benefit all parties. The NTUA base electric rates have not changed in over 16 years.

Like all utility customers, NTUA does receive a utility bill. In 2023, NTUA paid over \$69 Million for electricity, water, and natural gas. NTUA must pay for these utilities or risk being disconnected, thereby disconnecting every home and business on the Navajo Nation.

NTUA purchases these utilities from off the Navajo Nation and distributes to homes and business throughout the region.

Among the key aspects we explain to customers are Power Cost Adjustment (PCA) and Power Gas Adjustment (PGA). PCA refers to electricity, whereas PGA refers to natural gas. In addition to electricity and natural gas, NTUA also purchases water from off the Navajo Nation to distribute within the Northern agency. PGA/PCA changes monthly because of shifting costs of fuel, including coal, natural gas, and solar, used to generate electricity and gas. Like gasoline prices at gas stations, these adjustments reflect the dynamic cost of fuel sources.

Further variability exists because NTUA purchases electricity and gas through both long-term contracts and monthly purchases on the national marketplace. This national marketplace is subject to constant change and contributes to utility cost fluctuations. PCA/PGA items on bills pass these costs directly on to customers without any additional markup. As a result of these monthly calculations all customers are billed according to their individual meter usage.

NTUA does not make extra revenue from PCA/PGA; instead, it passes these costs onto its customers directly. A PGA/PCA variation is like a fuel price change at the gas station, where prices can change up or down.

Here's a chart showing NTUA's utility rates in comparison to neighboring utilities. Please note that the cities, such as Farmington, Gallup, Flagstaff, and Page provide services to a limited region serving hundreds of customers per square mile. NTUA has a lower customer density of approximately 5 customers per square mile; yet, the rates of neighboring utilities are higher than NTUA.







In the past 16 years, NTUA has awarded over 1,000 scholarship and has offered 197 internships.

In 2024, NTUA awarded 80 scholarships and employed 6 interns. NTUA created the scholarship program for students interested in fields of study related to the utility industry, including engineering, business, chemistry, information technology, and accounting/finance.

NTUA does encourage students to apply each year with the hope that they consider returning to the Navajo Nation.

## 2008-2024/25 NTUA Scholarship Awards

**NTUA provided over \$3 Million dollars to fund Navajo students  
Helping to build future of the NN w/Scholarships G Internships**

**Total Scholarship Awards 2008-2025: 1,201 students = \$ 2,148,200**

**Internships 2024: 6 students = \$32,640**

**Total Internships 2008-2024: 167 students = \$1,061,625\***

**\* No Internship Program for 2020, 2021, and 2022 due to the Covid-19 Pandemic**

### **2024 | \$200,000 for 80 students awarded for the 2024/2025 academic year**

2023	\$144,000 for 72 students	2015	\$110,450 for 82 students
2022	\$190,000 for 95 students	2014	\$67,750 for 43 students
2021	\$190,000 for 95 students	2013	\$80,000 for 46 students
2020	\$190,000 for 67 students	2012	\$87,750 for 55 students
2019	\$178,500 for 90 Student	2011	\$89,250 for 80 students
2018	\$137,250 for 73 students	2010	\$118,500 for 81 students
2017	\$139,250 for 73 students	2009	\$74,500 for 70 students
2016	\$143,500 for 83 students	2008	\$7,500 for 15 students

**Navajo Tribal Utility Authority**  
An Enterprise of the Navajo Nation

**2024**

**• NTUA**

**Service Territory**

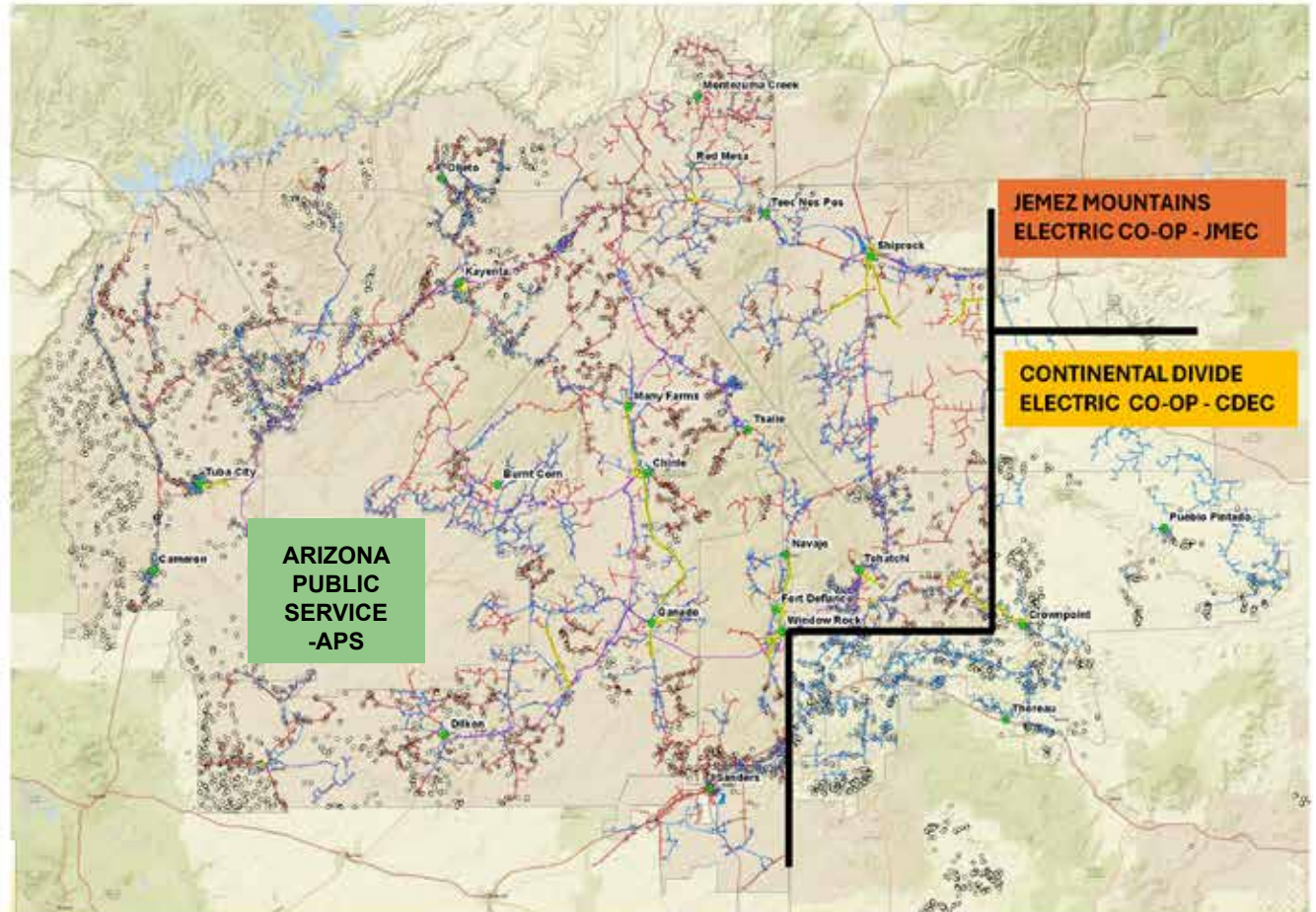
**• NTUA Workforce**

**• Apprenticeship  
Training Program  
& History**

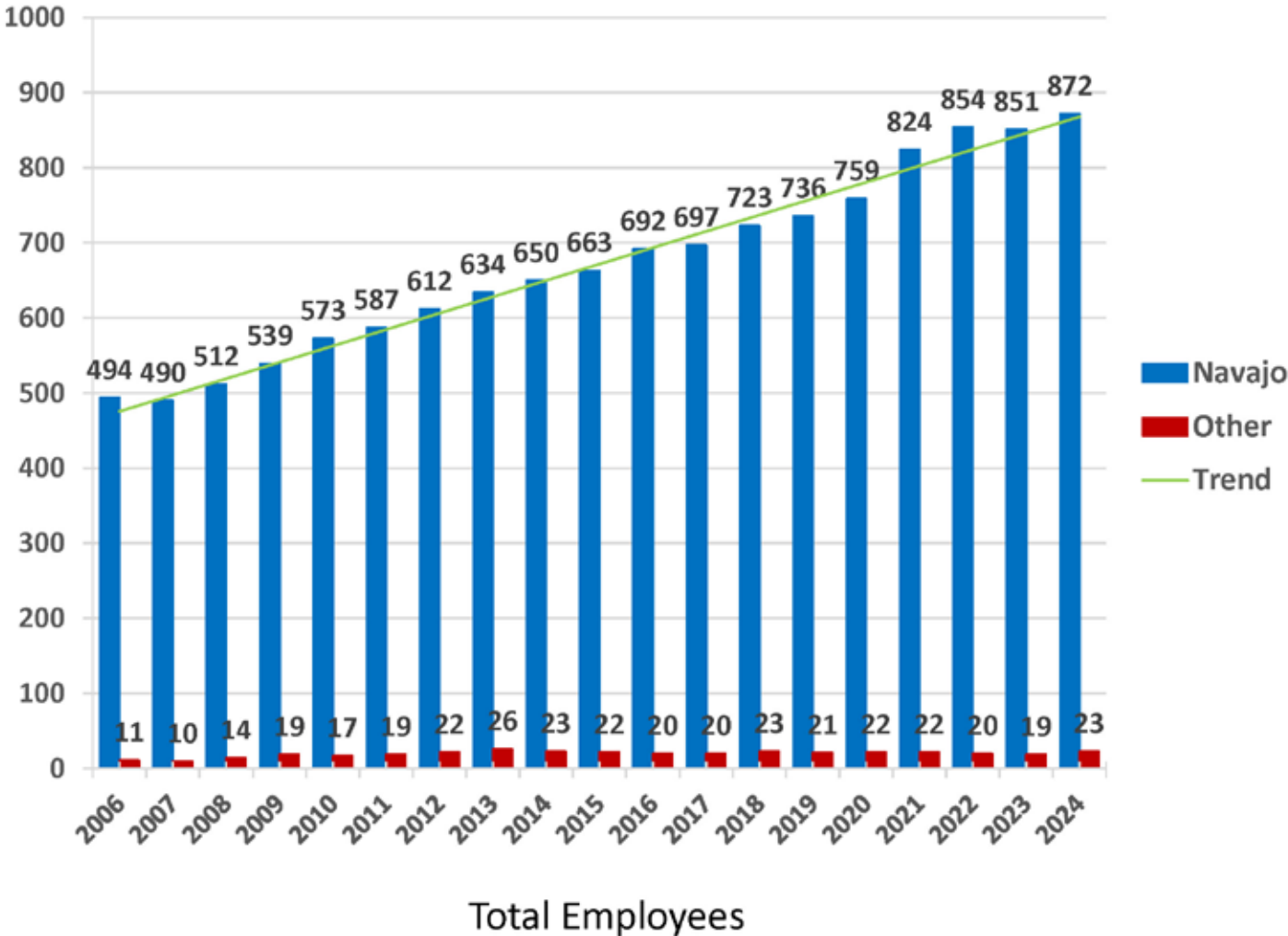
# NTUA Utilities Service Territory

Communications,  
Electric,  
Natural Gas,  
Residential Solar,  
Water & Wastewater  
Services

Red lines – NTUA Electric  
Blue lines – NTUA Water  
Yellow lines – NTUA Natural Gas  
Purple lines – NTUA Fiber



# NTUA Workforce - 18 Year Trend (2006 – 2024)



**895 Employees of which 97% are of Navajo Descent (872 employees)  
23 employees – other native or non-native**

## NTUA Apprenticeship & Training Program

- At NTUA, there are Apprenticeship programs that are certified with the Arizona Department of Commerce and registered with the United States Department of Labor. NTUA also has additional training programs in Water/Wastewater departments
- Each program is designed for employees to continue their education in skilled trades that will enhance their lives, increase their wages, and contribute to maintaining and providing multi-utilities services to the Navajo people and regional communities



## NTUA Apprenticeship Program

Auto Mechanic	5
Electrician	10
Substation Operator	2
Transformer Repair	2
Line Maintainer	29
<u>Materials Coordinator</u>	<u>2</u>
<b>TOTAL</b>	<b>50</b>

## Additional NTUA Training Programs

- 74 water/wastewater operators of varying levels in water and wastewater certification levels - working towards advancing their certification levels with State agencies
- 49 Natural Gas trainees enrolled in the CFR 192 compliant Operator Qualification program
- Call center offers short-term on-the-job training , moderate-term on-the-job training, and up to 12 months, of combined on-the-job experience and informal training. After this period, the trainee is prepared to handle calls independently. There are 22 employees who were trained with this model.

**Total of Employees currently in Training - 173**



**Raquel Morris**  
**Auto Mechanic Journeyman**

<b>2014</b>	<b>Hired as Auto Mechanic Helper</b>
<b>2015</b>	<b>Entered into the Apprenticeship Program</b>
<b>2019</b>	<b>Graduated as a Journeyman</b>

## History NTUA Apprenticeship Program:

On December 20, 1968, the State of Arizona and U.S. Department of Labor approved Navajo Tribal Utility Authority's (NTUA) Apprenticeship Program as a registered apprenticeship program

1. Material Coordinator Journeyman	32
2. Master System Operator	109
3. Line Maintainer Journeyman	133
4. Meter Electrician Journeyman	4
5. Auto Mechanic Journeyman	43
6. Electric Substation Journeyman	9
7. Electrician Journeyman	37
8. Gas Main Fitter Journeyman	7
9. Gas Meter Mechanic Journeyman	2
10. Transformer Repairer Journeyman	4

**Total Journeymen that have graduated from NTUA Apprenticeship Program**

**380**



## Renewable Energy Jobs Creating RE Workforce

From the onset of NTUA large-scale solar facility development, the initial plan was to create a workforce team to travel from one construction site to another

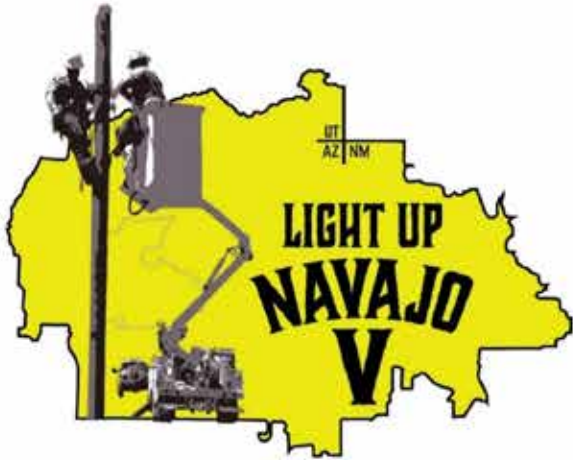
Employees with no experience were trained on-the-job and had the opportunity to advance based on new skills

Some employees had worked on solar facility job sites in different states

They traveled home to the Navajo Nation to work close to home







**As of July 19, 2024**

**170 Homes connected  
54.81 Miles Powerline built**



## 16-year NTUA Residential Electric Connections 8,158 families

Year	Families	Year	Families
<b>2024</b>	<b>380</b>	2015	256
2023	373	2014	308
2022	475	2013	407
2021	446	2012	509
2020	811	2011	782
2019	460	2010	748
2018	335	2009	677
2017	409	2008	460
2016	322		

**10,470 Families living without electric power**

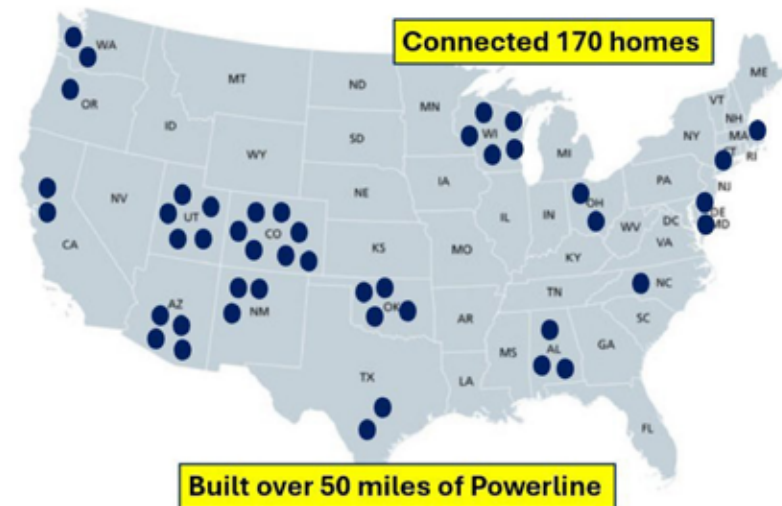
# 2024 Light Up Navajo V – April 7<sup>th</sup> – July 20<sup>th</sup>

## 44 - Utilities – **highlighted in Red returned**

- Alabama Rural Electric Association - AL
- **Arizona Public Service - AZ**
- **Austin Energy - TX**
- Central Wisconsin Electric Co-op - WI
- City of Cuyahoga Falls Electric - OH
- Columbus Electric Co-op - NM
- CPS Energy - TX
- **Delta-Montrose Electric Association - CO**
- Dixie Electric Cooperative - AL
- Eau Claire Energy Co-op - WI
- **Edmond Electric - OK**
- **Fayetteville Public Utilities - NC**
- **Farmington Electric Utility System - NM**
- **Grand River Dam Authority - OK**
- Gunnison County Colorado Rural Electric - CO
- Joe Wheeler EMC - AL
- Lakeview Light & Power - WA
- Merrimac Municipal Light Dept. - MA
- Mountain Parks Electric - CO
- Mountain View Rural Electric - CO
- **Murray City Power - UT**
- National Powerline - AZ
- **Northcentral Tech College - WI**
- **Norwich Public Utilities - CT**
- **Oklahoma Municipal Power Authority- OK**
- Parkland Light & Water Company - WA
- **Provo Power - UT**
- Poudre Valley REA- CO
- **Public Service Company of NM**
- Riverland Energy Cooperative - WI
- **Roseville Electric Utility - CA**
- **Sacramento Municipal Utilities District - CA**
- **Salt River Project - AZ**
- Sangre de Cristo Electric - CO
- **Santa Clara City Power - UT**
- Sulphur Springs Valley Electric Co-op - WI
- Tahlequah Public Works - OK
- Tillamook People's Utility District - OR
- Town of Middletown - DE
- **Town of Smyrna - DE**
- Tucson Electric Power - AZ
- **Trico Electric Cooperative, Inc. - AZ**
- United Power - CO
- Village of Yellow Springs - OH

### 16 - States

- Alabama
- Arizona
- California
- Colorado
- Connecticut
- Delaware
- Massachusetts
- New Mexico
- North Carolina
- Ohio
- Oklahoma
- Oregon
- Utah
- Texas
- Washington
- Wisconsin



## LUN V Electric Connections – Chinle District

Visiting Utility/State	Community	#Families	Ft of Line
Week 04 LUN V - Northcentral Technical College – Wisconsin	Lukachukai	1	191
	Tsaile-Wheatfields	1	39
	Many Farms	1	178
	Tselani-Cottonwood	1	699
	Chinle	1	252
	Ganado	1	400
	Kinlichee (Kin Dah Lichii)	1	692
Week 04 / 05 Northcentral Technical College - Wisconsin	Nazlini	1	5475
Week 05 Northcentral Technical College - Wisconsin	Many Farms	1	100
Week 06 Tahlequah Public Works – Oklahoma	Round Rock	1	750
	Tsaile-Wheatfields	1	182
	Nazlini	1	613
	Tselani-Cottonwood	1	2153
Week 07 Lakeview Light & Power – Washington state	Rock Point	1	803
	Blue Gap-Tachee	1	511
	Whippoorwill	1	1040
Week 07 Lakeview Light & Power / Parkland Light & Water Company Washington state / Colorado	Low Mountain	1	541
Week 07 Parkland Light & Water Company – Colorado	Blue Gap-Tachee	1	294

**Total # of families**  
**32**

**Total # of Feet**  
**37986**

**Total # of Miles**  
**7.19**

## Con'd LUN V Electric Connections – Chinle District

Visiting Utility/State	Community	#Families	Ft of Line
Week 07/08    Parkland Light & Water Company / Norwich Public Utilities Washington State, Connecticut	Lukachukai	1	3728
Week 08        Mountain Parks Rural Electric – Colorado	Rock Point	1	1367
	Black Mesa (Kits'iili)	1	496
	Chinle	1	657
	Kinlichee (Kin Dah Lichii)	1	546
Week 08        Norwich Public Utilities – Connecticut	Pinon	2	1755
	Steamboat	1	2220
Week 09        Gunnison County Electric Association - Colorado	Lukachukai	1	4943
	Tsaile-Wheatfields	1	156
Week 09        Norwich Public Utilities - Connecticut	Lukachukai	2	1,770
	Chinle	1	1155
Week 09/Week 12 Gunnison County Electric Association / Oklahoma Municipal Power Authority Colorado / Oklahoma	Tselani-Cottonwood	1	4280
<b>OVERALL TOTAL</b>		<b>32</b>	<b>37986</b>

## LUN V Electric Connections - Dilkon District

Visiting Utility/State	Communities	# Families	Feet of Line
Week 01 SRP Crew 1 Phoenix, Arizona	Cornfields	1	660
Week 01 - SRP Crew 1 / 2	Dilkon	1	1058
Week 01 - SRP Crew 2	Indian Wells	1	163
Week 02 - SRP Crew 1	Cornfields	1	480
	Leupp	1	645
	Cornfields	1	1124
Week 02 - SRP Crew 1 / 2	Jeddito	1	801
Week 02 - SRP Crew 2	Leupp	1	9521
	Birdsprings (Tsidii To'ii)	1	1116
	Whitecone	1	187
	Jeddito	1	157
Week 03 - DEMEC	Leupp	1	152
Town of Middletown, Town of Smyrna, Delaware	Dilkon	1	425
	Wide Ruins	1	134
Week 07 - Sulphur Springs Valley Electric Coop – Ohio	Leupp	2	8742
	Greasewood Springs	1	4475
Week 08 - Fayetteville Public Works Crew 1 – North Carolina	Teesto	1	426
	Whitecone	1	945
Week 08 - Fayetteville Public Works Crew 2	Jeddito	1	1196
Week 09 - Fayetteville Public Works Crew 1	Dilkon	1	2363
Week 09 - Fayetteville Public Works Crew 2	Birdsprings (Tsidii To'ii)	1	1211
	Wide Ruins	1	1336
<b>OVERALL TOTAL</b>		<b>24</b>	<b>40,252</b>

**Total # of families**  
24

**Total # of Feet**  
40,252

**Total # of Miles**  
7.62

## LUN V Electric Connections – Fort Defiance District

Visiting Utility/State	Communities	# of Families	Ft of Line
Week 01 - Grand River Dam Authority Crew 1 – Oklahoma	St. Michael	1	110
	Twin Lakes (Bahastl' ah')	1	135
Week 01 - Grand River Dam Authority Crew 1 / 2	Fort Defiance	1	825
	Tohatchi	1	515
Week 01 - Grand River Dam Authority Crew 2	Twin Lakes (Bahastl' ah')	1	121
Week 02 - Edmund Electric – Oklahoma	Coyote Canyon	1	540
	Naschitti	2	520
Week 03 - Austin Energy Crew 1 – Texas	Fort Defiance	1	710
Week 03 - Austin Energy Crew 1 / 2	Naschitti	1	1060
Week 03 - Austin Energy Crew 2	Sawmill	1	1663
Week 09 - Trico Electric Cooperative – Arizona	Crystal	1	595
	Fort Defiance	1	670
Week 10 - Edmond Electric - Oklahoma	Crystal	1	1279
	Lupton (Tse Si Ani)	1	405
Week 11 - Cuyahoga Falls Electric – Ohio	Mexican Springs	1	450
Week 11 - Delta Montrose - Colorado	Coyote Canyon	1	860
Week 12 - Poudre Valley Colorado Rural Electric – Colorado	Nahata Dziil	1	86
	Mexican Springs	1	1027
	Twin Lakes (Bahastl' ah')	1	2031
Week 12 - Poudre Valley Colorado Rural Electric – Colorado			
Week 13 - Farmington Electric Utility System – New Mexico	Naschitti	1	3585
<b>Total # of families</b> 21			
<b>Total # of Feet</b> 17,187			
<b>Total # of Miles</b> 3.26			
<b>OVERALL TOTAL</b>		<b>21</b>	<b>17187</b>

## LUN V Electric Connections – Kayenta District

Visiting Utility/State	Communities	# of Families	Ft of Line
Week 10 - Village of Yellow Springs	Tonalea/Red Lake	1	415
	Inscription Hse (Ts'ah Bii Kin)	1	447
	Shonto	1	677
	Kayenta	1	70
Week 11 - Riverland Energy Cooperative / Murray City Power	Oljato	2	1,352
	Chilchinbeto	1	1153
Week 11 - Tillamook People's Utility	Inscription Hse (Ts'ah Bii Kin)	1	837
	Shonto	1	1351
Week 12 - Sangre de Cristo Colorado Rural Electric	Oljato	1	2553
Week 12 - United & Mtn. View Colorado Rural Electric	Navajo Mountain	1	996.56
Week 13 - Eau Clarie Energy Cooperative / Alabama Rural Electric Assoc.	Inscription Hse (Ts'ah Bii Kin)	1	298.8
	Kayenta	2	381
Week 13 - Joe Wheeler EMC	Navajo Mountain	1	3113
Week 13 - Eau Clarie Energy Cooperative / Alabama Rural Electric Assoc. / Joe Wheeler EMC	Shonto	1	1548
Week 13 - Dixie Electric Cooperative	Oljato	1	1883.7
	Kayenta	1	604
	<b>OVERALL TOTAL</b>	<b>18</b>	<b>17680.06</b>

**Total # of families**  
**18**  
**Total # of Feet**  
**17,680**  
**Total # of Miles**  
**3.35**



## LUN V Electric Connections - Shiprock District

Visiting Utility/State		Communities	# of Families	Ft of Line
Week 07 – Public Service Company of NM New Mexico	<b>Total # of families</b> 20	Sanostee (Tse Alnaozt'ii)	1	438
			1	900
Week 08 – Public Service Company of NM	<b>Total # of Feet</b> 16,461	Sheepsprings (Toohaltsooi)	1	155
		Two Grey Hills/Toadlena	1	811
		Shiprock	1	392
		Aneth	1	419
			1	780
Week 12 - Farmington Electric Utility System – New Mexico	<b>Total # of Miles</b> 3.12		1	750
		Red Mesa	1	375
			1	1505
Week 13 - Columbus Electric Co-op – Wisconsin		Tecnospos	1	547
		Aneth	1	220
Week 13 - Farmington Electric Utility System – New Mexico		Mexican water	1	670
		Red Mesa	1	1000
Week 13 - Columbus Electric Co-op – Wisconsin		Sanostee (Tse Alnaozt'ii)	1	2517
		Shiprock	1	3062
Week 13 - Farmington Electric Utility System – New Mexico		Aneth	1	80
			1	580
		Red Mesa	1	360
		Tecnospos	1	900
<b>OVERALL TOTAL</b>			<b>20</b>	<b>16461</b>

## LUN V Electric Connections – Tuba City District

Visiting Utility/State	Communities	# of Families	Feet of Line
Week 02 - Roseville Electric Utility – California	Tonalea/Red Lake	1	979
		1	271
		1	2606
Week 02 – Sacramento Municipal Utilities District California	Tonalea/Red Lake	1	725
Week 03 – Sacramento Municipal Utilities District	Coppermine	1	2478
	Tuba City (To' Nanees' Dizi')	1	816
Week 03 - Roseville Electric Utility – California	Cameron	1	118
	Tonalea/Red Lake	1	4632
Week 04 - Tucson Electric Power Crew 1 - Arizona	Coppermine	1	1574
Week 04 - Tucson Electric Power Crew 2	Coppermine	1	2191
Week 05 - Tucson Electric Power Crew 1	Kaibeto (Kai' Bii To)	1	648
	Tonalea/Red Lake	1	652
Week 05 - Tucson Electric Power Crew 2	Coalmine Canyon	1	910
	LeChee	1	718
	Tonalea/Red Lake	1	108
Week 06 - Santa Clara / Central WI Elec. Coop / Merrimac Municipal Light Dept./ Provo Utah / Wisconsin / Massachusetts	Coppermine	1	6698
Week 10 - CPS Energy Crew 1 – Texas	Coalmine Canyon	1	967
Week 10 - CPS Energy Crew 1 / 2	Hardrock	1	1120
Week 10 - CPS Energy Crew 2	Kaibeto (Kai' Bii To)	1	572
<b>OVERALL TOTAL</b>		<b>19</b>	<b>28783</b>

**Total # of families**  
**19**

**Total # of Feet**  
**28,783**

**Total # of Miles**  
**5.45**

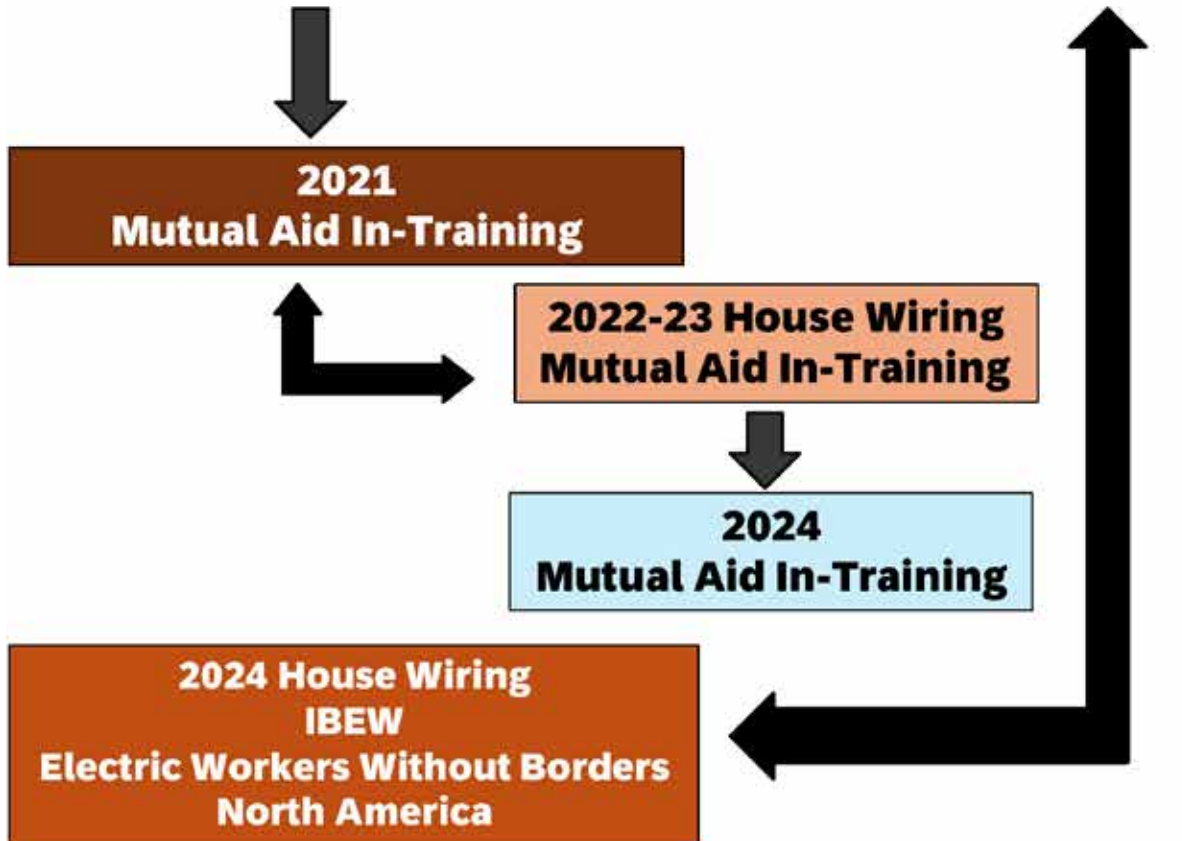
# LUN V Electric Connections – Community Powerline Projects

District	Visiting Utility	Communities	# of Families	Feet of Line
Chinle	Week 05 - Northcentral Technical College	Kinlichee (Kin Dah Lichii)	1	295
	Week 05 - Northcentral Technical College Week 06 Tahlequah Public Works	Kinlichee (Kin Dah Lichii)	1	3039
	Week 12 - Oklahoma Municipal Power Authority	Black Mesa (Kits'iili)	1	5288
<b>Chinle Total</b>			<b>3</b>	<b>8622</b>
Dilkon	Week 01 -02 - SRP Crew 1/2	Cornfields	5	23,396
	Week 03 - DEMEC / Austin Energy Crew 1 / 2	Teesto	1	11309
	Week 03 - National Powerline (Contractor – Arizona)	Klagetoh	1	5380.9
		Steamboat	2	3280
Week 08-09 - Fayetteville Public Works Crew 1 / 2	Dilkon	2	11772	
<b>Dilkon Total</b>			<b>11</b>	<b>55633.11</b>
Fort Defiance	Week 01-04 - GRDA Crew 1 / 2, Edmund, Austin Energy 1 / 2	Naschitti	4	15840.63
		St. Michaels	1	1069
	Week 04 Austin Energy Crew 2			
Fort Defiance Total	Week 04 Austin Energy Crew 1/2 - Week 08 - Trico - Week 09 Trico / Edmond Electric - Week 11 City of Cuyahoga Falls Electric / Delta Montrose	Naschitti	7	24284.40
			<b>12</b>	<b>41194.03</b>

## Cont'd LUN V Electric Connections – Community Powerline Projects

District	Visiting Utility	Communities	# of Families	Feet of Line
Shiprock	Week 07 - PNM	Burnham (T'iis Toh Sikaad)	5	3815
	Week 12 - Farmington Electric Utility System	Red Mesa	1	5276
	Week 13 - Columbus Co-op	Shiprock	1	486
<b>Shiprock Total</b>			<b>5</b>	<b>9577</b>
Tuba City	Week 02 Roseville / SMUD Crew 1/2	Kaibeto	1	6460
	Week 02 Roseville / SMUD Crew 1/2 - Week 03 TEP Crew 1/2	Kaibeto	3	9427
	Week 03 TEP Crew 1/2	Kaibeto	1	40
<b>Tuba City Total</b>			<b>5</b>	<b>16026</b>
<b>Grand Total</b>			<b>36</b>	<b>131052.14</b>

# Light Up Navajo





# 2024 MUTUAL AID IN-TRAINING

From October 6 to October 16, 2024

Visiting Volunteers	22
Austin Energy	15
Mountain Parks	2
United Power	2
Today's Power (TPI)	3
Electric Connections	7 Families
Poles Set	38
Spans placed	36
House wiring (TPI)	3
Meter Loops (TPI)	13
Powerline built	3.20 miles





**ELECTRICAL WORKERS  
WITHOUT BORDERS**  
NORTH AMERICA  
*Empowering Communities the World Over*



# Naasgo' - Wiring the Navajo Nation

**New partnership with IBEW**

Started – Tuesday, Oct. 24<sup>th</sup>

Ends – Friday, Nov. 15<sup>th</sup>



As of 11-1-2024

Visiting Volunteers **21**  
IBEW Local 3 – New York City

House wiring **10**

Meter Loops **36**



# Overall Summary Light Up Navajo Initiative

Light Up Navajo	Year & Season	No. of Families Connected	# of Volunteer Line Workers	# of Visiting Utilities # of States	# Miles of Power Line
LUN I – Pilot Project	2019 Spring/Summer	233	138	28 from 13 states	58.35
LUN III	2022 Spring/Summer	137	69	14 from 10 states	25.02
LUN IV	2023 Spring/Summer	159	176	26 from 16 states	51.68
LUN V	2024 Spring/Summer	170	239	44 from 16 states	54.81
<b>OVERALL TOTAL</b>		<b>699</b>	<b>622</b>	<b>67/23 States</b>	<b>189.86</b>





# Overall Summary Mutual Aid In-Training Program

## Electric Connections

Mutual Aid In-Training	Year & Season	# of Families Connected	# of Volunteer Line Workers	# of Visiting Utilities # of States	# Miles of Power Line
LADWP Mutual Aid In-Training	2021 Fall	80	65	1 from California	16.03
LADWP Mutual Aid In-Training	2022 Fall	53	103	1 from California	18.05
LADWP/Austin Energy Mutual Aid In-Training	2023 Fall	50	49	2 from California Texas	23.60
Mutual Aid In-Training Austin Energy Mountain Parks CO United Power CO	2024 Fall	7	19	3 from 2 states Colorado Texas	3.20
<b>OVERALL TOTAL</b>		<b>190</b>	<b>239</b>	<b>4-2 States</b>	<b>60.88</b>



# Overall Summary – House wiring & Meter Loop Installations

# Mutual Aid In- Training Program

---

House wiring Campaign	Year & Season	# of Volunteer Electricians	# of Visiting Utilities # of States	# of Homes Wired & Meter Loops
	2022 Fall	30	1 from California	15 HW 47 ML
LADWP House wiring	2023 Fall	29	1 from California	5 HW 30 ML
	2024 Fall	3	1 from Arkansas	3 HW 15 ML
IBEW – Naasgó – Wiring the Navajo Nation Local 3 New York City	2024 Fall	21	1 from NYC	10 HW 36 ML
	<b>OVERALL TOTAL</b>	<b>53</b>	<b>3-3 States</b>	<b>161</b>

# These photos show the construction of interim plants wastewater treatment facilities in Chinle and Kayenta.

Construction moves forward @ the Chinle Wastewater Treatment Plant



- 46 -

Construction underway @ the Kayenta Wastewater Treatment Plant





**Construction progressing @ Fort Defiance District Office**

**Construction began July 2023  
Completion: February-March 2024**



**Red Mesa Sub-Office construction continues**

**Construction began March 2024  
Completion: June 2025**



**Navajo Tribal Utility Authority**  
An Enterprise of the Navajo Nation

**2024 Year End  
Utility  
Construction  
Projects**



# Navajo Tribal Utility Authority - Electric Systems Division

## 2024 COMMUNITY POWER LINE PROJECTS



**PROJECTS:**  
 13 Projects, 61 Families  
 45.85 Miles of Line

**BUDGET:**  
 \$5,316,981.28

**INITIAL TARGET:**  
 10 Projects, 40 Families

**INITIAL BUDGET**  
 \$3,311,244.51

**STATUS:**  
 52 - Complete  
 8 - In Progress  
 1 - Pending

**CHINLE**

Customers: 1    Sub-Total: \$12,377.33

LOCATION	FAMILIES
----------	----------

- ▲ Pinon ..... 1  
     Scattered (EB)

**FORT DEFIANCE**

Customers: 11    Sub-Total: \$384,176.34

LOCATION	FAMILIES
----------	----------

- ▲ Coalmine (FD) ..... 1  
     Scattered (AE)
- ▲ Mexican Springs ..... 1  
     Scattered (SLA-CD)
- ▲ Standing Rock ..... 1  
     JONES EXTENSION
- ▲ Standing Rock ..... 4  
     Scattered (RM, RT, JB, NB)
- ▲ Standing Rock ..... 4  
     Scattered (ET, AM, RB, KH)

**SHIPROCK**

Customers: 0    Sub-Total: 0

LOCATION	FAMILIES
----------	----------

**DILKON**

Customers: 26    Sub-Total: \$2,447,491.55

LOCATION	FAMILIES
----------	----------

- ▲ Indian Wells ..... 3  
     Scattered (SLA)
- ▲ Leupp ..... 23  
     Grand Falls NW

**KAYENTA**

Customers: 22    Sub-Total: \$2,452,686.06

LOCATION	FAMILIES
----------	----------

- ▲ Kayenta Line A ..... 10  
     Comb Ridge / El Capitan
- ▲ Kayenta Line B ..... 8  
     Comb Ridge / El Capitan
- ▲ Kayenta Line C ..... 3  
     Comb Ridge / El Capitan
- ▲ Shonto ..... 1  
     Scattered (SLA)

**TUBA CITY**

Customers: 1    Sub-Total: \$20,250.00

LOCATION	FAMILIES
----------	----------

- ▲ Kaibeto ..... 1  
     Scattered SLA (KB)

Note: ▲=Carry-Over from previous years

as of 12/27/2024



# Navajo Tribal Utility Authority - Electric Systems Division

## 2024 COMMERCIAL POWER LINE PROJECTS

### PROJECTS:

18 Projects, 4 Families

### BUDGET:

\$727,344.70

### INITIAL TARGET:

11 Projects, 2 Families

### INITIAL BUDGET:

\$206,261.42

### STATUS:

- 4 - Complete
- 4 - In Progress
- 10 - Pending



Note: ▲=Carry-Over

### CHINLE

Customers: 0 Sub-Total: \$22,541.48

LOCATION FAMILIES

- ▲ OEHE NA-06-D32/Q39 .....0  
Rough Rock Well Building

### FORT DEFIANCE

Customers: 1 Sub-Total: \$306,474.10

LOCATION FAMILIES

- Lupton .....1  
Petroleum 3 Phase PL
- ▲ OEHE Q84 .....0  
Houck Booster Station
- ▲ OEHE Houck PCV #6-Q .....0  
Houck Valve Building
- ▲ OEHE ECV Q84 .....0  
Lupton Valve Building

### SHIPROCK

Customers: 2 Sub-Total: \$324,191.23

LOCATION FAMILIES

- ▲ OEHE NA-17 W20.....1  
Shiprock lift Station
- ▲ OEHE Sanostee (SM9).....0  
Sanostee Community Well
- ▲ OEHE Burnham (U96).....0  
Burnham Chlorination Station
- ▲ OEHE Shiprock (U97).....0  
Rattlesnake Chlorination Station
- OEHE W57 .....0  
Sheep Springs Booster Station
- OEHE LN8.....0  
Shiprock Booster Station
- Cudei Chapter.....0  
Chapter 3 Phase PL off-site
- Cudei Chapter.....1  
Chapter 3 Phase PL on-site

### DILKON

Customers: 0 Sub-Total: \$57,118.00

LOCATION FAMILIES

- ▲ OEHE W01/U02 .....  
Booster Station "4"

### KAYENTA

Customers: 1 Sub-Total: \$17,019.89

LOCATION FAMILIES

- ▲ ADOT .....1  
Street Lighting Project
- ▲ OEHE T09 .....0  
Shonto Booster Station

### TUBA CITY

Customers: 0 Sub-Total: \$

LOCATION FAMILIES

- OEHE U28.....0  
Kaibeto Tank
- OEHE U28.....0  
Kaibeto Well



# Navajo Tribal Utility Authority - Electric Systems Division

## 2024 COMMUNITY POWER LINE PROJECTS RIGHTS-OF-WAY

### PROJECTS:

17 Projects, 72 Families  
48.54 Miles of Line

### BUDGET:

\$662,214.66

### INITIAL TARGET:

19 Projects, 71 Families  
48.32 Miles of Line

### INITIAL BUDGET:

\$659,143.10

### STATUS:

6 - Complete  
11 - In Progress  
0 - Pending



Note: ▲=Carry-Over from previous years

### CHINLE

Families: 0      Sub-Total: \$0  
LOCATION                      FAMILIES

### FORT DEFIANCE

Families: 25      Sub-Total: \$205,759.72  
LOCATION                      FAMILIES

### SHIPROCK

Families: 12      Sub-Total: \$117,163.50  
LOCATION                      FAMILIES

- ▲ Coalmine ..... 1  
Scattered (SLA)
- ▲ Mexican Springs ..... 14  
Scattered (TAA)
- ▲ Mexican Springs ..... 2  
Scattered (SLA)
- ▲ Naschitti ..... 7  
White Hills Sand
- ▲ Standing Rock ..... 1  
Scattered (TAA)

- ▲ Burnham (Formal) ..... 1  
Hogue Extension
- ▲ Burnham (SLA) ..... 1  
Scattered
- ▲ Hogback (Formal) ..... 1  
Scattered (TD)
- ▲ Hogback (SLA) ..... 1  
Scattered
- ▲ Red Valley ..... 1  
Scattered (ML)
- ▲ Sheepsprings ..... 6  
Tooh Haltsooi Phase II

### DILKON

Families: 6      Sub-Total: \$88,960.50  
LOCATION                      FAMILIES

### KAYENTA

Families: 30      Sub-Total: \$250,330.94  
LOCATION                      FAMILIES

- ▲ Whitecone ..... 1  
Scattered (KI)
- ▲ Wide Ruins Chapter ..... 5  
Scattered Phase III

- ▲ Chilchinbeto ..... 3  
Scattered (SLA)
- ▲ Kayenta ..... 24  
CombRidge/El Capitan
- ▲ Navajo Mountain, Utah ..... 2  
Scattered
- ▲ Navajo Mountain ..... 1  
Scattered (SLA)







# Navajo Tribal Utility Authority - Electric Systems Division

## 2024 NAVAJO HOUSING AUTHORITY PROJECTS

**PROJECTS:**

44 Projects, 44 Families

**BUDGET:**

\$708,090.23

**INITIAL TARGET:**

42 Projects, 42 Families

**INITIAL BUDGET**

\$634,326.79

**STATUS:**

5 - Complete

0 - In Progress

39 - Pending



Note: ▲ = Carry-Over from previous years

**CHINLE**

Families: 5 Sub-Total: \$106,950.83

LOCATION	FAMILIES
▲ Chinle.....	1
Scattered	
▲ Lukachukai.....	3
Scattered	
▲ Round Rock .....	1
Scattered	

- ▲ Chinle..... 1
- Scattered
- ▲ Lukachukai..... 3
- Scattered
- ▲ Round Rock .....
- Scattered

**FORT DEFIANCE**

Families: 10 Sub-Total: \$130,505.31

LOCATION	FAMILIES
▲ Crystal .....	2
Scattered	
▲ New Lands.....	1
Scattered	
▲ Oak Springs .....	2
Scattered	
▲ Sawmill .....	1
Scattered	
▲ St. Michaels.....	2
Scattered	
▲ Standing Rock .....	1
Scattered	
▲ Pine Springs.....	1
Scattered	

- ▲ Crystal ..... 2
- Scattered
- ▲ New Lands..... 1
- Scattered
- ▲ Oak Springs ..... 2
- Scattered
- ▲ Sawmill ..... 1
- Scattered
- ▲ St. Michaels..... 2
- Scattered
- ▲ Standing Rock ..... 1
- Scattered
- ▲ Pine Springs..... 1
- Scattered

**SHIPROCK**

Families: 14 Sub-Total: \$215,260.42

LOCATION	FAMILIES
▲ Burnham Scattered .....	1
▲ Mexican Water Scattered .....	1
▲ Nenahnezad Scattered .....	2
▲ Red Mesa Scattered .....	1
▲ Shiprock Scattered.....	5
▲ Sweet Water Scattered.....	2
Teec Nos Pos Scattered.....	1
▲ Two Grey Hills Scattered .....	1

- ▲ Burnham Scattered ..... 1
- ▲ Mexican Water Scattered ..... 1
- ▲ Nenahnezad Scattered ..... 2
- ▲ Red Mesa Scattered ..... 1
- ▲ Shiprock Scattered..... 5
- ▲ Sweet Water Scattered..... 2
- Teec Nos Pos Scattered..... 1
- ▲ Two Grey Hills Scattered ..... 1

**DILKON**

Families: 5 Sub-Total: \$119,780.00

LOCATION	FAMILIES
▲ Dilkon.....	3
Scattered	
▲ Jeddito.....	1
Scattered	
Whitecone .....	1
Scattered	

- ▲ Dilkon..... 3
- Scattered
- ▲ Jeddito..... 1
- Scattered
- Whitecone .....
- Scattered

**KAYENTA**

Families: 0 Sub-Total: \$0

LOCATION	FAMILIES
----------	----------

- 

**TUBA CITY**

Families: 10 Sub-Total: \$135,593.67

LOCATION	FAMILIES
▲ Cameron.....	1
FBFA Scattered	
Cedar Ridge .....	1
Scattered	
▲ Coppermine.....	3
FBFA Scattered	
▲ Tonalea .....	1
FBFA Scattered	
Tonalea .....	1
FBFA Scattered	
▲ Tuba City .....	2
FBFA Scattered	
Tuba City .....	1
Scattered Veteran	

- ▲ Cameron..... 1
- FBFA Scattered
- Cedar Ridge ..... 1
- Scattered
- ▲ Coppermine..... 3
- FBFA Scattered
- ▲ Tonalea ..... 1
- FBFA Scattered
- Tonalea ..... 1
- FBFA Scattered
- ▲ Tuba City ..... 2
- FBFA Scattered
- Tuba City ..... 1
- Scattered Veteran

as of 12/27/2024



# Navajo Tribal Utility Authority - Natural Gas Division

## 2024 Natural Gas Construction - Residential

### Customer Funded

**PROJECTS:**  
 2 Families as of 12/31/2024  
**BUDGET:**  
 \$33,372.97  
**COMPLETE:**  
 \$10,822.01

**INITIAL TARGET:**  
 1 Family as of 1/1/2024  
**INITIAL BUDGET:**  
 \$5,284.52  
**CARRY OVER:**  
 \$5,284.52

**STATUS:**  
 1 - Complete  
 0 - In Progress  
 0 - Pending  
 1 - ROW




**CHINLE**  
 Total Families: 1  
 Sub-Total: \$17,627.94

LOCATION ..... CUSTOMER

▲ Residence (GJ) ..... 1

**DILKON**  
 Total Families: 0  
 Sub-Total: \$0

LOCATION ..... CUSTOMER

**KAYENTA**  
 Total Families: 0  
 Sub-Total: \$0

LOCATION ..... CUSTOMER

**CROWNPOINT**  
 Total Families: 1  
 Sub-Total: \$15,745.03

LOCATION ..... CUSTOMER

Residence (JW) ..... 1

**FORT DEFIANCE**  
 Total Families: 0  
 Sub-Total: \$0

LOCATION ..... CUSTOMER

**SHIPROCK**  
 Total Families: 0  
 Sub-Total: \$0

LOCATION ..... CUSTOMER

- 52 -

Note: ▲=Roll over projects for 2025



# Navajo Tribal Utility Authority - Natural Gas Division

## 2024 Natural Gas Construction - Commercial

### Customer Funded

**PROJECTS:**

65 Customers as of 12/31/2024

**BUDGET:**

\$367,008.90

**COMPLETE:**

\$533,538.97

**INITIAL TARGET:**

4 Customers as of 1/1/2024

**INITIAL BUDGET**

\$61,777.19

**CARRY OVER:**

\$47,243.43

**STATUS:**

- 4 - Complete
- 1 - In Progress
- 60 - Pending
- 0 - ROW



Note: ▲=Roll over Projected for 2025

**CHINLE**

Total Customers: 5  
Sub-Total: \$176,302.14

LOCATION CUSTOMERS

- ▲ NHA Chinle HMO.....1  
Gas Service Line
- Chinle USD.....0  
24 Bus Barn Capping
- Ganado Chapter.....1  
Corn House Gas Service Line
- Many Farms.....0  
Emp Housing Serv Line Cap.
- Mesa View.....0  
Gas Main Re-Route
- Sage Memorial.....3  
New Hospital Location

**DILKON**

Total Customers: 0  
Sub-Total: \$0

LOCATION.....CUSTOMERS

**KAYENTA**

Total Families: 0  
Sub-Total: \$0

LOCATION CUSTOMERS

**TUBA CITY**

Total Families: 0  
Sub-Total: \$0

LOCATION CUSTOMERS

**CROWNPOINT**

Total Customers: 0  
Sub-Total: \$23,225.30

LOCATION CUSTOMERS

- Crownpoint.....0  
South Quarters Retirement

**FORT DEFIANCE**

Total Customers: 60  
Sub-Total: \$143,703.34

LOCATION CUSTOMERS

- NHA AZ12-2251.....60  
Capital Vue Apartments
- Window Rock.....0  
Judicial Courts Capping

**SHIPROCK**

Total Customers: 0  
Sub-Total: \$47,003.42

LOCATION CUSTOMERS

- SR BIA Tract.....0  
Gas Retirement
- SR IHS Scattered.....0  
Gas Capping Retirement
- SR NECA Meter.....0  
Upgrade



# Navajo Tribal Utility Authority - Natural Gas Division

## 2024 Natural Gas Construction - Capital Improvement Projects

### NTUA Funded

#### PROJECTS:

26 Projects as of 12/31/2024

#### BUDGET:

\$1,186,346.47

#### COMPLETE:

\$967,319.99

#### INITIAL TARGET:

10 Projects as of 1/1/2024

#### INITIAL BUDGET

\$589,655.96

#### CARRY OVER:

\$589,655.96

#### STATUS:

- 14 - Complete
- 4 - In Progress
- 6 - Pending
- 2 - ROW



Note: ▲=Carry-Over

#### CHINLE

Total Projects: 4

Sub-Total: \$297,552.76

LOCATION	CUSTOMERS
Chinle Bus Barn.....	1
Meter Upgrade	
▲PCD - Chinle.....	1
Sewer Lagoon Service Line	
Nazlini Gas Main .....	1
Upgrade	
Thunderbird Gas Main...	1
Leak	

#### DILKON

Total Project: 0

Sub-Total: \$0

LOCATION	CUSTOMERS
▲Kayenta City Gate .....	1
Upgrade	
PCD - Kayenta.....	1
Sewer Lagoon Service Line	

#### KAYENTA

Total Project: 2

Sub-Total: \$191,191.50

LOCATION	CUSTOMERS
Tuba City .....	1
4-inch Main Loop	
Tuba City Dist. Office.....	1
Capping	
▲Tuba City City Gate .....	1
Upgrade	

#### TUBA CITY

Total Projects: 3

Sub-Total: \$182,680.59

#### CROWNPOINT

Total Project: 3

Sub-Total: \$307,117.08

LOCATION	CUSTOMERS
Crownpoint .....	1
Regulator Station Upgrade	
Standing Rock .....	1
Line Lowering	
▲Standing Rock .....	1
Residential Capping	

#### FORT DEFIANCE

Total Project: 9

Sub-Total: \$151,074.74

LOCATION	CUSTOMERS
Chee Dodge Rd.....	1
Service Line Gas Upgrade	
Fort Defiance Dist.....	1
Service Line and Main Upgrade	
Fort Defiance Firestation ..	1
Service Line Extension	
▲Fort Defiance NAPCO ...	1
Gas Main Leak	
▲Hunter's Point Wash Out...	1
▲Navajo Wash .....	1
Navajo Walnut Street.....	1
Gas Valve Upgrade & Capping	
Red Lake Road.....	1
Valve Upgrade	
NTUA Fitness Gas.....	1
Re-Route	

#### SHIPROCK

Total Projects: 5

Sub-Total: \$56,729.80

LOCATION	CUSTOMERS
STP - NAPI Block 3 .....	1
Red Mesa City Gate .....	1
Upgrade	
▲Shiprock District Office ..	1
Crew Building Gas Service Re-Route	
Dine College .....	1
Mobile Home Retirement	
Speedway Gas .....	1
Service Line Repair	



# Navajo Tribal Utility Authority

## 2024 W/WW ENGINEERING DEPARTMENT CAPITAL WATER PROJECTS

### PROJECTS:

68 Projects

### BUDGET:

\$89,221,373

### STATUS:

- 13 - Complete
- 76 - In Progress
- 25 - Pending



### CHINLE

Total: 14 Sub-Total: \$5,242,257

LOCATION	PROJECTS
Cottonwood	1
Booster w/building & ES	
Flatrock Wash Out	1
Ganado Re-Chlorination	3
Ganado Well	1
Lukachkai Wash Out	1
Tselani South Tank Bore	1
Many Farms Wash Out	1
Nazlini	1
Booster w/building & ES	
Pinon Subsurface Bore	1
Pinon Wash Out	1
Rock Point Well LF3	1
Whippoorwill Wash Out	1

### CROWNPOINT

Total: 12 Sub-Total: \$5,291,746

LOCATION	PROJECTS
Counselor at Nickle Mesa	2
Crownpoint	1
Replace 1000 meters w/Elster & AMI Module	
Nageezi	5
PRV w/vaults 5 each	
South Ojo Encino	1
PRV w/vault	
Thoreau	1
Replace controls wells, booster & tank	
Thoreau JW Camp	1
Booster w/building & ES	
Smith Lake South Tank	1

### DILKON

Total: 9 Sub-Total: \$16,350,000

LOCATION	PROJECTS
Dilkon Pass Upgrade	1
Leupp PRVs	5
W/vault 5 ea.	
Lower Greasewood	1
WTP	
Twin Arrows	1
Travel Plaza	
Tower 5820	
White Cone	1
Booster w/building & ES	

### FORT DEFIANCE

Total: 7 Sub-Total: \$6,525,000

LOCATION	PROJECTS
Buell Park Well	3
Buell Park Well 1&2 upgrade, replace AC w/D.I.	
Hunter's Point Well LF5	1
Houck	1
replace controls well, booster tanks	
Sawmill Well LF6	1
Fort Defiance Well	1

### KAYENTA

Total: 5 Sub-Total: \$2,120,000

LOCATION	PROJECTS
Chilchinbeto	1
Yellowhair booster w/building & ES	
Dennehotso	1
Well upgrade existing control system	
Dennehotso	1
Road & Bridge Crossings	
Kayenta Well #3	1
Replace Well control	
Shonto Well	1
Replace Well control	

### SHIPROCK

Total: 8 Sub-Total: \$8,160,478

LOCATION	PROJECTS
Shiprock	1
Chlorine Injection Building w/ES	
Beclabito	1
PRVs w/vaults 1 ea	
Nageezi WLS	1
Rattlesnake	2
Booster w/building & ES	
Red Valley	1
Watering Point	
Toadlena	1
7 ea. Water line Road Crossings	
Upper Fruitland	1
ARV's w/vault & tap	

### RED MESA

Total: 1 Sub-Total: \$22,187,207

LOCATION	PROJECTS
Red Mesa	1
PRV plumbing w/vault	
Westwater	1

### TUBA CITY

Total: 2 Sub-Total: \$335,000

LOCATION	PROJECTS
Bittersprings Tank	1
Replace altitude valve, plumbing & vault at tank	
Cameron School	1
Drinking Water	

### NAVAJO NATION

Total: 54 Sub-Total: \$23,009,685

LOCATION	PROJECTS
• 10 master meter w/vaults	
• Replacements of water system components	
• New/existing residential water meter	
• Replace /Repair RTU at various locations	
• Replace 44 existing well meters with new SCADA/AMI meters	
• Storage Tank renovations	
• Replacement of pump and motors w/in water system	
• Valve Replacements	
• Well renovations	
• Storm damage replacement of water control system components	
• Storm damage replacement of water system components	



# Navajo Tribal Utility Authority

## 2024 W/WW ENGINEERING DEPARTMENT CAPITAL WASTEWATER PROJECTS

**PROJECTS:**

21 Projects

**BUDGET:**

\$33,065,685

**STATUS:**

- 1 - Complete
- 6 - In Progress
- 3 - Pending



**CHINLE**

Total: 2 Sub-Total: \$2,046,000

LOCATION PROJECTS

- Chinle WWTP ..... 1  
Compliance Plan
- Chinle ..... 1  
Septic Receiving Station

**DILKON**

Total: 0 Sub-Total: \$0

LOCATION PROJECTS

- 

**KAYENTA**

Total: 1 Sub-Total: \$1,446,000

LOCATION PROJECTS

- Kayenta ..... 1  
Septic Receiving Station

**TUBA CITY**

Total: 2 Sub-Total: \$2,470,000

LOCATION PROJECTS

- Coalmine Canyon ..... 1  
Chapter Lagoon
- Tuba City Bridge ..... 1  
Sewer Line Replacement

**CROWNPOINT**

Total: 0 Sub-Total: \$0

LOCATION PROJECTS

- 

**FORT DEFIANCE**

Total: 5 Sub-Total: \$4,094,000

LOCATION PROJECTS

- Fort Defiance ..... 1  
1800' of 8' DI Bridge  
wash crossing, 60' of  
8' BI Pipe w/4 MH  
(PE&D)
- Navajo Townsite ..... 1  
Lagoon
- St. Michaels ..... 2  
Sewer Rehab Ph. 2&3
- Window Rock ..... 1  
Septic Receiving  
Station

**SHIPROCK**

Total: 0 Sub-Total: \$0

LOCATION PROJECTS

- 

**NAVAJO NATION**

Total: 11 Sub-Total: \$23,009,685

LOCATION PROJECTS

- Sewer Collection Cleaning
- Miscellaneous Wastewater systems components
- Storm Damage replacement of wastewater systems
- Replacement of various types of pump/motors
- 24 ea. Lagoon Fence & Gate replacement. 12,000' and 5 gates
- Sewer Collection Rehab
- Manhole Rehab
- Sludge Removal
- Lagoon Dressing
- Emergency Sewer Repair
- WW Manhold Rehab



# Navajo Tribal Utility Authority Defunded Cares Act (DCA) 2023 - 2024 Overall Broadband

Actual: Projects - 17, Budget: \$9,679,381.00  
Complete - 11, Pending - 6

Project Name	Project
<b><u>OVERALL BROADBAND</u></b>	
<b>2023 Projects:</b>	
1. Fiber to Black Mesa Tower	1
2. Nazline Community School Make-Ready	1
3. Kayenta North Fiber Make-Ready Segment 2	1
4. Kayenta Townsite Sub to Junct. 3 Phase Upgrade	1
5. Cudei to Teecospos Make-Ready Segment 2	1
6. Shonto to Naatsisaan School Make-Ready Segment 1, 2 and 3	1
7. Rough Rock Community School Make-Ready Segment 2	1
<b>2024 Projects:</b>	
1. Jeedeez'ah - New Communications Tower & Fiber	1
2. Fiber to Monument Valley Schools	1
3. Fiber to Tolani Lake Tower	1
4. Fiber to Leupp Tower	1
<b>2025 Projects:</b>	
1. Fiber Build Lechee Meet Point to Lechee Tower	1
2. Fiber to Dezza Bluff	1
3. Fiber to Piney Hill Tower	1
4. Fiber to Rough Rock Tower	1
5. Fiber to Na Ha Tee Mesa Community	1
6. Fiber to Tuba City North (WT) Tower	1



# Navajo Tribal Utility Authority

## 2024 Broadband Projects

### E-RATE/NN CONSORTIUM, USDA AND UTAH BB ACCESS

19 Projects, Budget: \$12,463,684.90  
 Pending - 2 (\$7,718,845.00), Complete - 17 (\$4,744,839.90)

Project Name	Est Cust.	Type	Funding Source	Estimated Budget
<b>CHINLE DISTRICT</b>		<b>Total: 6</b>	<b>Sub-Total:</b>	<b>\$9,050.86</b>
Cornfields Chapter	1	Fiber	E-RATE/NNConsortium	
Cornfields Head Start	1	Fiber	E-RATE/NNConsortium	
Steamboat Chapter	1	Fiber	E-RATE/NNConsortium	
Steamboat Head Start	1	Fiber	E-RATE/NNConsortium	
Low Mountain Head Start	1	Fiber	E-RATE/NNConsortium	
Blue Gap Head Start	1	Fiber	E-RATE/NNConsortium	
<b>FORT DEFIANCE DISTRICT</b>		<b>Total: 2</b>	<b>Sub-Total:</b>	<b>\$46,449.30</b>
Houck Chapter House	1		E-RATE/NNConsortium	
Twin Lakes Head Start	1		E-RATE/NNConsortium	
<b>KAYENTA DISTRICT</b>		<b>Total: 1</b>	<b>Sub-Total:</b>	<b>\$7,184,369.00</b>
Inscription House Chapter House	1	Fiber	E-RATE/NNConsortium	
Kayenta FTTH	1	Fiber	USDA Reconnect	
Shonto Chapter House	1	Fiber	E-RATE/NNConsortium	
Navajo Mountain Chapter House	1	Fiber	E-RATE/NNConsortium	
<b>RED MESA DISTRICT</b>		<b>Total: 1</b>	<b>Sub-Total:</b>	<b>\$560.976</b>
Montezuma Creek FTTH	1	Fiber	Utah State Access Grant	
<b>SHIPROCK DISTRICT</b>		<b>Total: 5</b>	<b>Sub-Total:</b>	<b>3,444,556.00</b>
Shiprock Chapter House	1	Fiber	E-RATE/NNConsortium	
Beclabito Chapter	1	Fiber	E-RATE/NNConsortium	
Red Valley Head Start	1	Fiber	E-RATE/NNConsortium	
Teec Nos Pos Chapter	1	Fiber	E-RATE/NNConsortium	
Teec Nos Pos Fiber to the Premise and CAIs	1	Fiber	USDA Community Connect	
Teec Nos Pos Tower	1	Tower	USDA Community Connect	





# Navajo Tribal Utility Authority

## NTIA Tribal Broadband Connectivity Program

Projects - 59, Budget: \$50,830,944  
 Pending - 46 (\$35,177,508), Complete - 13 (\$15,653,436)

Project	Type	State	Project	Type	State
<b>NTUA</b>		<b>Projects: 21</b>		<b>Sub-Total: \$33,232,342.</b>	
•Fiber Build to Aneth, UT	Fiber	UT	•Navajo Mountain HS Fiber Buildout	Fiber	AZ
•Backbone Electronics	Electronics	NM, AZ & UT	•Navajo Mountain Backbone / Tower Fiber Buildout	Fiber	AZ
•Black Rock Fiber and Tower	Fiber	NM	•Fiber Build to Newcomb, NM	Fiber	NM
•Fiber Build to Bodaway Gap School	Fiber	AZ	•Oaksprings Fiber Buildout	Fiber	AZ
•Navajo Nation WiFi Implementation (Partially substituted with fiber build to Bodaway Gap Community)	Fiber	NM, AZ & UT	•Red Mesa Fiber Buildout	Fiber	AZ
•NTU Crownpoint to NTU Chinle	Fiber	NM & AZ	•Sand Springs Tower (Peabody Mine Area)	Tower	AZ
•Low Mountain South	Fiber	NM & AZ	•Shiprock Fiber Upgrade	Fiber	NM
•Mexican Water WT Fiber Buildout	Fiber	AZ	•Fiber Build to Tuba City Court House	Fiber	AZ
•Navajo Nation Public Safety	Electronics	NM	•Fiber Build to Tsaile, AZ	Fiber	AZ
•Nazlini Tower & Fiber Buildout	Fiber	AZ	•Whitehorse Tower	Tower	NM
			•Window Rock Fiber Upgrade	Fiber	AZ
<b>NTUAW</b>		<b>Projects: 11</b>		<b>Sub-Total: \$3,680,199</b>	
•Blackrock Mobility & Fixed Wireless Broadband	BC Eq	NM	•Nazlini Mobility & Fixed Wireless Broadband	BC Eq	AZ
•Counselor Fixed Wireless Broadband	BC Eq	NM	•Oaksprings Mobility & Fixed Wireless Broadband	BC Eq	AZ
•Indian Wells Mobility & Fixed Wireless Broadband	BC Eq	AZ	•Sub (Sand Springs) Mobility & Fixed Broadcast Equipment	BC Eq	AZ
•Low Mountain South Mobility & Fixed Wireless Broadband	BC Eq	AZ	•Tuba City Mobility & Fixed Wireless Broadband	BC Eq	AZ
•Monument Valley Fixed Wireless Broadband	BC Eq	AZ&UT	•Whitehorse Mobility & Fixed Wireless Broadband	BC Eq	NM
•Nageezi Fixed Wireless Broadband	BC Eq	NM			
<b>SACRED WIND</b>		<b>Projects: 12</b>		<b>Sub-Total: \$7,128,762</b>	
•Fiber to Bluewater Tower	Fiber	NM	•Fiber to Mount Powell Tower with FTTH along Route	Fiber	NM
•Fiber to the Home Crownpoint NHAS	Fiber	NM	•Fiber to Ojo Encino Cell One Tower	Fiber	NM
•Fiber to Gibson Tower with FTTH along Route	Fiber	NM	•Fiber to the Home Shiprock NHAS	Fiber	NM
•Fiber to the Home Lupton Road and Twin Towers	Fiber	NM	•Tohajiilee Red Mesa	BC Eq	NM
•Fiber to Lybrook Tower	Fiber	NM	•Tohajiilee Atsa Mesa	BC Eq	NM
•Fiber to Manuelito Tower with FTTH along Route	Fiber	NM	•Point to Point Microwave Radio: White Horse Tower to Pueblo Pintado to New Rincon Marquez Tower	P2P Microwave	NM
<b>SBI / CELLULAR ONE</b>		<b>Projects: 15</b>		<b>Sub-Total: \$6,789,640</b>	
•Blue Gap Expanded LTE Coverage	BC Eq	AZ	•Ram Pasture Tower	Tower	NM
•Cornfields Expanded LTE Coverage	BC Eq	AZ	•San Juan West Tower	Tower	NM
•Dilkon Expanded LTE Coverage	BC Eq	AZ	•Sanostee Expanded LTE Coverage	BC Eq	NM
•Dine College LTE Add	BC Eq	AZ	•Shonto Expanded LTE Coverage	BC Eq	AZ
•Moncisco Mesa	Tower	NM	•Tohatchi Expanded LTE Coverage	BC Eq	NM
•Leupp Expanded LTE Coverage	BC Eq	AZ	•Tonalea LTE Add	BC Eq	AZ
•Many Farms West Tower	Tower	AZ	•Yale Point Expanded LTE Coverage	BC Eq	AZ
•Pine Springs Tower	Tower	AZ			

# NTUA Renewable Energy Portfolio

## NTUA Energy Mix - Non-Carbon Resource

Year	Peak Load (MW)	Total Energy Sales (MWh)	Non-Carbon Resource (MWh)	Non-Carbon Resource %
2016	125	702,304	192,680	27.44%
2017*	185	862,422	256,526	29.74%
2018	201	1,027,068	383,986	37.39%
2019*	217	1,017,298	414,749	40.77%
2020	170	829,678	388,493	46.82%
2021	153	1,037,618	437,608	42.17%
2022	155	911,019	339,815	37.30%
2023	155	897,287	390,320	43.50%
2024	160	911,019	427,011	46.87%
2025	160	911,019	434,844	47.73%

\* Resolute became NTUA customer on June 29, 2017

\* Loss of Peabody Mine & NGS Rail Road loads from August 2019

## Cont'd NTUA Renewable Energy Portfolio

	Hydro (MWh)	KY Solar I (MWh)	Ky Solar II (MWh)	Residential PV (MWh)	Red Mesa Solar (MWh)	Total
2016	191,894	0	0	786	0	192,680
2017*	204,069	51,435	0	1,022	0	256,526
2018	308,283	74,615	0	1,088	0	383,986
2019*	334,800	52,535	26,433	981	0	414,749
2020	258,854	49,909	78,749	981	0	388,493
2021	311,185	51,644	73,881	898	0	437,608
2022	232,184	32,164	73,744	1,723	0	339,815
2023	280,535	33,131	69,163	1,723	5,768	390,320
2024*	280,535	64,168	73,375	1,723	7,210	427,011
2025*	280,535	72,404	73,008	1,723	7,174	434,844

- \* KY I Production start date of 05/15/2017
- \* KY II Production start date of 08/02/2019
- \* 300 new Off-Grid 3 kW PV units added Jan/Feb 2021
- \* 150 new Off-Grid 3 kW PV units added July 2023
- \* Red Mesa Solar start date April 18, 2023
- \* 4 MW of NGWSP resource added in January 2023
- \* KY I estimated at 75% output for 2025



## Contact List

### **Navajo Tribal Utility Authority**

A Proud Enterprise of the Navajo Nation

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

[www.ntua.com](http://www.ntua.com) • 1-800-528-5011

#### **HEADQUARTERS**

- General Manager ..... Walter W. Haase, P.E.
- Deputy General Manager ..... Rex Kontz
- Associate Deputy General Manager ..... Rayni Nelson
- Deputy General Manager – EISD ..... Srinivasa Venigalla
- Acting Deputy General Manager – NGS ..... Srinivasa Venigalla
- Chief Financial Officer ..... Gerard Curley
- Deputy Chief Financial Officer ..... Matthew Devore
- Deputy General Manager – CSD ..... Brian Thomason
- Electric Systems Director ..... Lester Lee
- Government and Public Affairs Manager ..... Deenise Becenti
- Human Resources Manager ..... Rowena Benally
- Natural Gas Manager ..... Antony Davison
- IT Manager ..... Savoy Yazzie
- Transportation & Equipment Manager ..... Bryno Shirley

#### **Chinle District Office**

**P.O. Box 549, Chinle, Arizona 86503**

- District Manager ..... Gary Monroe
- Office Supervisor ..... Charmayne Wilson
- Field Superintendent ..... Jasper Lee
- Customer Service Supervisor ..... Rhonda Lomakema

#### **Crownpoint District Office**

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

- Acting District Manager ..... Paula Hoylan
- Office Supervisor ..... Jamie Russette
- Field Superintendent ..... John Bates
- Customer Service Supervisor ..... Candice Whitman

#### **Dilkon District Office**

**HC 63 Box D, Winslow, Arizona 86047**

- District Manager ..... Jonathan Curley
- Office Supervisor ..... Annelita Spencer
- Field Superintendent ..... Isabelle Lang
- Customer Service Supervisor ..... Melissa Begay

#### **Fort Defiance District Office**

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

- District Manager ..... Paula Holyan
- Office Supervisor ..... Ilene Noble
- Field Superintendent ..... Wendell Damon
- Customer Service Supervisor ..... Andreana Henry

#### **Kayenta District Office**

**P.O. Box 37, Kayenta, Arizona 86033**

- District Manager ..... Vircyntia Charley
- Office Supervisor ..... Patricia Watchman
- Field Superintendent ..... Melissa Parrish
- Customer Service Supervisor ..... Sampson Yazzie

#### **Shiprock District Office**

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

##### **Red Mesa Sub-Office**

##### **Nageezi Sub-Office**

- District Manager ..... Wilfred Franklin, Jr.
- Office Supervisor ..... Natissa Johnson
- Field Superintendent ..... Cornelius Carl
- Customer Service Supervisor ..... Morena Barber

#### **Tuba City District Office**

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

- District Manager ..... Alicia Richards
- Office Supervisor ..... Linda Curley
- Field Superintendent ..... Chester Whiterock, Sr.
- Customer Service Supervisor ..... Brandon J. Begay

#### **CHOICE BROADBAND**

**[www.choice-wireless.com](http://www.choice-wireless.com)**

**928-730-2273**

- General Manager ..... Velena Tsosie
- Director of Operations ..... Cheryl Bitsui

#### **Office Hours**

7:00 a.m. to 6:00 p.m. (Monday - Friday)

Red Mesa & Nageezi: 8:00 a.m. to 5:00 p.m. (Mon.-Fri.)

After Hours Outage Reporting - Utility Operations Center : 1-800-528-5011

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

Navajo Tribal Utility Authority is also on





# Navajo Tribal Utility Authority

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