Navajo Tribal Utility Authority

An Enterprise of the Navajo Nation



UTILITIES:

Electric | Natural Gas | Water | Wastewater | RenewableEnergy | Communications

REGION SERVED:

Northern Arizona | Northwestern New Mexico | Southeastern Utah

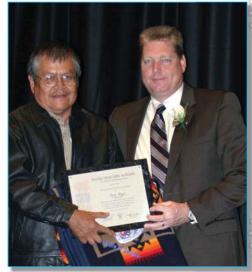
SERVICE AREA: 27,000 square miles



Greetings and Ya'aa'teeh,

It was 1959 when the Navajo Tribal Utility Authority was created. Today, 55 years later, the mission of NTUA continues which is to provide safe and reliable utility services throughout the Navajo Nation. What began then hasn't changed now. Extending utilities to as many homes as possible remains our goal. That's always been our principal focus and that hasn't changed since I began my duties here at NTUA.

I'm pleased to report that 2013 was another year of significant achievements. Most notably, NTUA completed installing 570 miles of fiber optic cable which will significantly enhance the wireless technology availability through more than half of the Navajo Nation. We also experienced an extreme deep freeze that caused havoc on our waterline system. This unfortunate experience was challenging; however, with assistance from our sister entities, we were able to restore water services and were



General Manager Walter Haase presents Phillip Muzzie - Auto Mechanic Journeyman from Chinle District, his 40 year Service Award at the 2013 ESA Ceremony

able to justify federal reimbursement for costs incurred. As you will read in this Progress Report, our achievements have increased bringing more prestige and notability for the Navajo Nation. We understand that this is important to demonstrate that Navajo entities can manage and complete multi-million dollar multiple projects.

Our workforce has grown considerably over the past year. We are now close to 700 full time employees. This is important because it helps provide jobs for many families and supports many more extended families. More importantly, a strong workforce helps NTUA help others. We have an energetic and dedicated team. Our employees know the significance of their roles. Collectively we face challenges and overcome the obstacles to deliver much needed utilities throughout our service territory. I am proud of our employees because I appreciate their commitment to keep us on course to fulfill our mission.

Over the years I have seen how utility connection improves the lives of families. I have heard new customers say Ah'ee'ee. I realize the grateful deep meaning of the phase. Sometimes we easily forget the simple gratitude, forgetting that there are still many families who lack basic utility services. At NTUA we will not forget and it is our collective goal to make a positive difference and reduce the unconnected numbers.

We look forward to the year ahead. We adhere to the phrase Naan'daal'nish – We work for You. I am confident that we will do our part to meet and exceed that expectation. As a team, we welcome your encouragement and support as tribal leaders as we move forward to accomplish the mission that was created in 1959.

Sincerely,

Walter W. Haase, P.E.

NTUA General Manager

Sh. Hage

It's here:

NAVAJO NATION MIDDLE/LAST MILE BROADBAND NEWEST COMMUNICATION TECHNOLOGY OPTIONS FOR THE NAVAJO NATION



n March 2010, NTUA received a \$32.2 million grant for a \$46 million project to build a fiber and microwave infrastructure throughout the central core of the Navajo Nation. The project received the grant funding from the U.S. Department of Commerce National Telecommunications and Information Administration (NTIA). The project brings new technology to homes, hospitals, businesses, and schools throughout the Navajo Nation, giving more people and businesses access to communication services and filling a significant void in technology that has always existed the southwest. The project showcases a Navajo Nation entity's capability for managing a major multi-million dollar project from inception to production.

FIBER AND TOWER CONSTRUCTION

nce the grant was in place, NTUA went to work. In two years, NTUA installed 570 miles of high quality internet broadband service covering more than 50 percent of the Navajo Nation. The project extended fixed and mobile broadband internet service to over 30,000 households and 1,000 businesses in 15 of the largest communities on the Navajo Nation, including Window Rock, Shiprock, Kayenta, Chinle, Ganado, and Dilkon.

Alongside the fiber optic installation, NTUA also expanded a tower and microwave network to accommodate the projected increases in communication throughout the Navajo Nation. The project started with the existing 59 NTUA and added 40 more to the network. The towers were prepared to house LTE (long-term evolution) and microwave equipment. The network of the towers helps to strengthen the fixed and mobile communication signals. This vast network is 100 percent owned and managed by NTUA.



NEW BUSINESS OPPORTUNITIES UNFOLD

With vast fixed fiber system and an extensive tower network in place, NTUA will gain an additional operating revenue source for the tribal enterprise through leasing of tower space. This segment of the program allows communication companies to consider leasing space on NTUA. This opportunity is not only company friendly, it allows consumers in the region to have access to enhance mobile communication systems.

Another new business segment is a joint venture called NTUA Choice Wireless. Along with Broadband grant co-applicant, Commnet Wireless, the joint venture was formed with NTUA owning 51 percent and Commnet at 49 percent. NTUA Choice Wireless combines the strengths of the telecommunications

and utility industries to form a company to provide quality wireless services to the Navajo Nation. This venture creates a first for the

Navajo Nation – it's the first time the Navajo people are majority owners of a high-speed, wireless internet, and mobile telephone system.





Alongside the Broadband project, NTUA has built a certified Tier 3 Data Center. This is a facility that serves as a component to the massive NTUA Last Mile-Middle Mile Broadband fiber/wireless internet project. The commercial

Data Center is a high-tech warehouse that businesses, companies, tribal programs and various agencies can use when they need a data center solution. It's a high level technology facility that provides secure, uninterrupted



operation of applications and servers. There is no other facility of its kind here within the Four Corners region. The Data Center opened in the fall of 2013. The grand opening was attended by Navajo Nation officials, congressional representatives, and state officials. The facility is operating as part of the NTUA business structure. The Data Center is owned by the Navajo Nation people and operated by NTUA, an enterprise of the Navajo Nation. Currently, NTUA is focusing on business development to attract new customers.

POSITIVE RENEWAL: FEDERAL LOAN FOR ELECTRIC CONSTRUCTION

ate in 2013, NTUA received good news from the USDA Rural Utilities Services division that it approved a nearly \$168 million dollar loan to improve electric service in rural communities. This is the second time in recent years that NTUA was approved for a

multi-million dollar RUS loan of over \$100 million. In the application process, NTUA demonstrated that the prior loan was used for what it was intended and was applied to electrical connection for thousands of families. With the new approved loan, NTUA

will build approximately 1,215 miles of electric line in addition to other system improvements. The loan details are being finalized and NTUA hopes that it may start drawing from this loan by the second quarter of 2014.

A PARTNERSHIP OF PROGRESS

TUA and the Salt River
Project (managing owner of
the Navajo Generating Station)
agreed to lead a group of partners to construct new electric
lines to homes within the Lechee
Chapter community, located
southeast of Page, Arizona. Most



of the families have been on the electrical extension waiting list for many years and received the good news once the partnership was announced. The Lechee extension project calls for the building approximately 82 miles of electric line to serve 60 families. The overall budget is estimated at \$4.5 million. Phase I of the project was completed in mid-2013 and connected 17 families. Phase II will get underway in late 2014 and is expected to serve 28 famlies. NTUA electric construction crews spent most of this past holiday season scattering and framing poles along the constructionroute. Funding contributors included:



NTUA, SRP, Lechee Chapter, Navajo Nation AML, andthe Navajo Nation Community Development Block Grant.

PURCHASING A NEW ELECTRIC LINE FOR UTAH NAVAJO

TUA and Rocky Mountain Power have reached an agreement to transfer Rocky Mountain Power electric facilities on Navajoland in southeastern Utah. It's a transaction that has been two years in the making. The agreement is subject to re-

view and approval by both the Navajo Nation Council and Public Service Commission of Utah. There are hundreds of Navajo households who will be transferred to NTUA. It was important for NTUA to pursue this transfer to improve the accessibility of electricity to

families within the boundaries of the Navajo Nation. NTUA was told that there are a number of Navajo families who have been waiting years for electrical power. It will be another goal of NTUA to connect as many of these families to the main electrical grid.

LOOKING FOR OUTSIDE FINANCIAL OPTIONS FOR UTILITY CONSTRUCTION

hen there is a financial opportunity worth exploring, NTUA investigates. NTUA is the only Navajo Nation entity to independently seek and secure outside funding for utility projects. Approval for the funding is reflective of the strong financial status of NTUA. In 2013, NTUA successfully refinanced the tax exempt portion of an earlier bond. The new bond extended the maturity to 7 years which is financially beneficial for utility operations. The new bond, which closed in January, 2014, provided \$3.8 million in new money that was used to reimburse NTUA costs of water, wastewater, natural gas and solar energy capital expenditures. This is another important step for NTUA as it is borrowing outside the government realm based on its strong financial status.

NTUA is also working with Great Western Bank to develop a funding plan for \$15 million. It will be a long term loan that will fund the construction of a natural gas pipelines other utility projects. These building ventures will provide NTUA with \$800 thousand



yearly in operating income once completed. NTUA is currently waiting for word from the Bureau of Indian Affairs to serve as a loan guarantor before the Bank transfers funding to NTUA.

Smart Grid — Installation of a New Multi-Utility Metering System

TUA completed the replacement of outdated utility meters and installed new Smart Meters as part of a nationwide Smart Grid initiative. In 2010,



NTUA received a \$4.9 million dollar grant from the U.S. Department of Energy (U.S.DOE). The total cost for the electric meter portion of project is \$10.6 million, with \$4.9 million from the U.S. DOE and \$5.6 million contribution from NTUA. The initial plan was to update 28,000 electric meters; however, given our multiutility network, NTUA decided to include water and natural gas meters. The U.S. DOE monitored the project and was impressed with the progress and granted NTUA an extension to replace all 40,000 electric meters. These new



meters will allow NTUA to read meters remotely, saving time and money. Customers will have more timely and detailed information of electricity consumption. The meters will give utility customers the opportunity to better monitor electricity usage wisely which will help with managing utility bills.

ENERGY EFFICIENCY AND CONSERVATION GRANT COMPLETE

TUA closed out the \$6.1 million grant awarded by the U.S. Department of Energy. The grant established an alliance between NTUA and other Navajo Nation Divisions and Enterprises to introduce a broad range of programs focusing on Energy Efficiency and Conservation. NTUA was awarded the largest tribal allocation in the United States and was selected to be the lead agency for the Navajo Nation application. The Energy Efficiency and Conservation project included: energy auditing for



400 residential and commercial buildings on the Navajo Nation; energy audit implementation and weatherization services such as installation of energy efficient appliances and systems, energy efficient windows and doors, roofing, and wall insulation; energy efficient design elements incorporated into new NTUA buildings in Chinle and Crownpoint and energy efficient upgrades for district offices and corporate headquarters; installation of 1,080W and 1800W Solar & Wind-hybrid power systems featuring refrigeration are in the process of being installed throughout the NTUA service area; development of renewable energy learning modules (awareness, informational, educational) in conjunction with photovoltaic (solar energy) generation plants at NTUA facilities; construction of solar energy farms at Chinle, Fort Defiance, Crownpoint and Dilkon NTUA offices which marked the



first step into demonstrating that renewable energy is possible on the Navajo Nation; and partnership development with the Navajo Nation Telecommunications and Utilities Division to offer an energy efficient and energy conservation program for residents throughout the Navajo Nation.



RENEWABLE ENERGY DEVELOPMENT: EXPLORING SOLAR ENERGY TERRITORY

TUA continues to search for development opportunities featuring renewable energy resources. This direction is part of an ongoing vision to create an energy economy that will pave the way for economic development possibilities for the Navajo Nation. These efforts will shape a long-term energy strategy for NTUA and ensure increased energy development for the future of the Navajo Nation, including



the benefit of the Navajo people.

The Navajo Nation is extremely attractive geologically for solar energy generation development. To accelerate solar deployment, NTUA is partnering with the U.S. Environmental Protection Agency to identify and prioritize sites for solar developments. To date, NTUA has installed the nine large solar panels in four different locations as a demonstration that large scale solar panel construction is possible on Navajo land. These panels are the largest solar energy panels existing on the Navajo Nation. In addition, NTUA is exploring other solar energy development opportunities.

HANDLING THE BIG FREEZE

n unprecedented deep freeze last year caused mutual frustration for water customers and NTUA water crews. The situation created cooperative partnerships between NTUA, the Navajo Nation, and the Indian Health Service. The Navajo Nation looked to the federal government for a disaster declaration and qualified for funding through the Federal Emergency Management Administration (FEMA). This declaration allowed NTUA to pool together crew assistance from the Navajo Engineering Construction Authority (NECA) and the Salt River Project (SRP). After a month of concentrated effort, the outage calls were reduced and miles of broken water lines were replaced and repaired.



NECA and SRP give NTUA a helping hand

COMMUNITY AWARENESS

TUA offers an extensive bilingual customer educational program to generate and foster a better understanding of NTUA operations, including programs that will be of long-term financial benefit to the

customer. Programs include short workshops to further educate customers, such as energy and water conservation, and utility safety, especially for children and the elderly.



COMMUNITY SERVICE IS PART OF THE NTUA MISSION

ur employees consider their communities as one large extended family. There is no separation between work and community. This has always been the case at NTUA. Our community service is our Ke' project and it is

a never-ending responsibility that we continue to embrace. Employees do not hesitate to be a part of community events, including runs, walks, and other activities by donating time, money and or supplies. When people say Ah'ee'ee to our employees, we consider it a privilege earned. We accept that appreciation with gratitude that we are able to help and serve and support our communities.

NTUA receives thank you photos from U.S. Military personnel serving throughout the world.

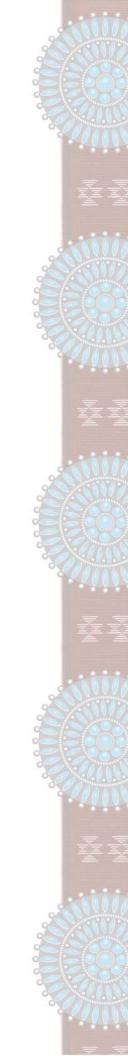


NAVAJO TRIBAL UTILITY AUTHORITY

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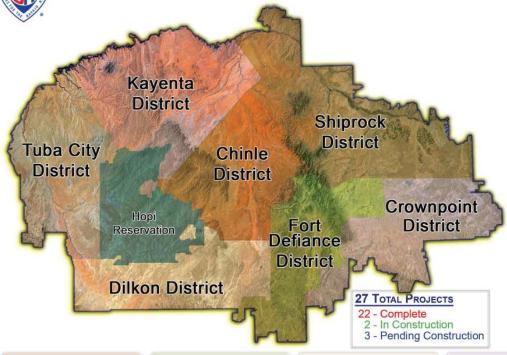
UTILITY CONSTRUCTION PROJECTS





2013 Community Power Line Projects





Actual: **27 Projects** 210 Families and 158.76 Miles of Line Initial Target: 15 Projects, 194 Families and 122.55 Miles of Line

Actual Budget: \$11,343,352.56 (\$3,059,763.99 NTUA Contribution)

Initial Budget: \$7,859,954.39 (\$297,734.40 NTUA Contribution)

CHINLE DISTRICT

<u>Location</u>	<u>Families</u>
Forest Lake	0
Neutral Conducto	or
Removal	
Low Mountain	0
Pole Replacemen	nt

TOTAL FAMILIES: 0 Sub-Total: \$331,317.97

FORT DEFIANCE DISTRICT

<u>Location</u>	<u>Families</u>
Nahatzhill	1
(Verizon Wireles	
Wide Ruins	7
(Pine Springs	Scattered)
Nahatzhill	0
Barth Lake Pole	Replacement
Fort Defiance	0
Window Rock E	vent Center

TOTAL FAMILIES: 8

Location

hatzhill1	Tie-Line
/erizon Wireless Cell Tower)	Cornfields
de Ruins 7	Navajo Station P
Pine Springs Scattered)	Cornfields
hatzhill0	Navajo Station P
arth Lake Pole Replacement	Jeddito
rt Defiance0	Sitting Rock
/indow Rock Event Center	Klagetoh Summit/Grey Cad

Sub-Total: \$611,798.75

DILKON DISTRICT Families

m 0 0 0111 011	1 4111111111111111111111111111111111111
Cornfields	1
Tie-Line	
Cornfields	24
Navajo Station	Ph I
Cornfields	2
Navajo Station	Ph II
Jeddito	12
Sitting Rock	
Klagetoh	
Summit/Grey C	Cactus
TOTAL FAMIL	<u>LIES:</u> 56
Sub-Tot	al:
\$1,956,094	199-119

KAYENTA DISTRICT

Families

Location	<u>I diffilles</u>
▲ Oljatoh Douglas Me	20 esa Ph V
	esa Ph I 29 esa Ph II . 17
Mitchell Cam 3-Phase Und	ows
	Forest Lake Black Mesa Oljatoh Douglas Me Kayenta Skeleton Me Skeleton Me Skeleton Me Scattered P Dennehotso Desert Mead Mitchell Cam 3-Phase Und

Black Mesa..... 1

TOTAL FAMILIES: 86 Sub-Total:

\$3,769,893.49

Telecommunications Tower

SHIPROCK DISTRICT

Location	Families
Sanostee	0
(3-Phase Upg	rade)
Shiprock to R2	215 0
Pole Replaceme	ent
Cudei to Red \	Valley 0
(1-Ph to 3-Ph co	onversion
& 3-Ph Tie-Line	

TOTAL FAMILIES: 0

Sub-Total: \$2,090,926.83

TUBA CITY DISTRICT

. 7
28
25

TOTAL FAMILIES: 60

Sub-Total: \$2,583,321.39

▲ = Carry-Over from 2012

2013 Community Power Line Projects Right-of-Way ONLY





Initial Target:
12 Projects
253 Families
and 149.33 miles of line

Proposed Budget: \$1,663,365.02

		INLE TRICT	
	<u>Location</u>	<u>Famil</u>	
	Ganado - F		
	Kinlichee Da Ni Dzil		33
0	Rock Poin	t	18
0/15/13 - GM EC/PA DeptCHART E3b	Scattered	- Ph II	
- G	TOTAL FA	AMILIES:	64
10/15/13	V	<u>-Total:</u> ,467.17	

DIL	
<u>Location</u>	<u>Families</u>
Wide Ruins Tanner Spri	CONTRACTOR STATE AND ADDRESS OF THE PARTY OF
Steamboat.	-
Bear Spring	s - Ph I
TOTAL FAI	MILIES: 44

Sub-Total:

\$326,835.60

CROWNPOINT	KAYENTA DISTRICT
	<u>Location</u> <u>Families</u> ▲ Dennehotso
TOTAL FAMILIES: 0 Sub-Total:	▲ Oljato
FORT DEFIANCE DISTRICT	To'hajilch'li Kayenta19 Skeleton Mesa - Ph II
OTAL FAMILIES: 0	TOTAL FAMILIES: 95

Sub-Total:

\$595,686.00

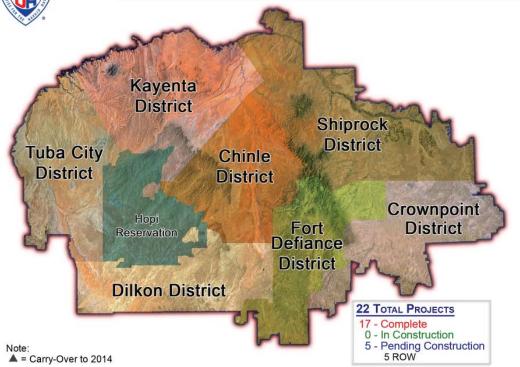
Sub-Total:

SHIPROCK DISTRICT	TUBA CITY DISTRICT		
	Location Families Lechee South- Ph III 6 ▲ To'Nanees'dizi-PH II11 Shadow Mountain Coalmine Canyon 33 Scattered		
TOTAL FAMILIES: 0 Sub-Total:	TOTAL FAMILIES: 50 Sub-Total: \$427,376,25		

Note:

2013 Natural Gas Construction - Commercial





Actual: 22 Commercial Customers

Initial Target: 8 Projects

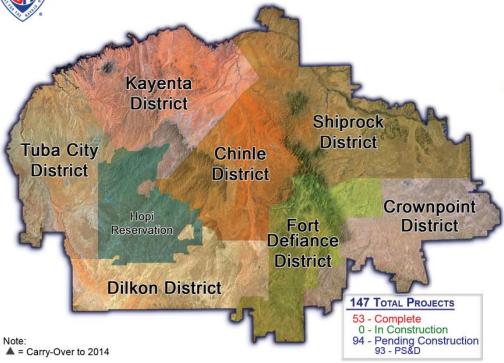
Proposed Budget: \$475,985.22

Initial Budget: 331,995.43

Location	E DISTRICT Projects	CROWNPOINT DISTRICT	FORT DEFIANCE DISTRICT	KAYENTA DISTRICT	SHIPROCK DISTRICT	TUBA CITY DISTRICT
▲ Kinlichee	BIA School 1	<u>Location</u> <u>Projects</u>	<u>Location</u> <u>Projects</u>	<u>Location</u> <u>Projects</u>	<u>Location</u> <u>Projects</u>	<u>Location</u> <u>Projects</u>
(ROW)		Crownpoint NDOT 1	WRUSD 1	IHS Kayenta Ph I 1	Dine College 1	Dine College 1
	CUSTOMERS: 1 tal: \$12,869.92	Crownpoint	Navajo Fire Station 1 Youth Center 1 Relocate NHA CSD Building 1 FD Youth Center 1 Upgrade	Public Safety Phl 1	NHA HMO	▲Tuba City -Main 1 (ROW)
Location Location	N DISTRICT Projects Station			▲ Kayenta Laundromat 1 (ROW)		
TOTAL	CUSTOMERS:	TOTAL CUSTOMERS:	TOTAL CUSTOMERS:	TOTAL CUSTOMERS:	TOTAL CUSTOMERS:	TOTAL CUSTOMERS:
14	1	2	5	7	4	2
Sub-To	otal: \$5,712.00	Sub-Total: \$23,166.14	Sub-Total: \$87,022.88	Sub-Total: \$157,804.21	Sub-Total: \$34,396.93	Sub-Total: \$155,013.14

2013 Natural Gas Construction - Residential





Actual: 147 Residential Customers

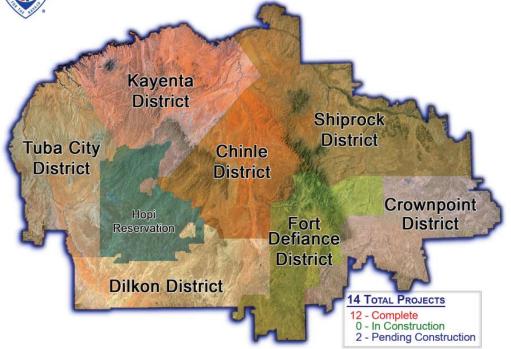
Initial Target: 45

Proposed Budget: \$146,717.79

Initial Target: \$78,604.36

	CHINLE DISTRICT	CROWNPOINT DISTRICT	FORT DEFIANCE DISTRICT	KAYENTA DISTRICT	SHIPROCK DISTRICT	TUBA CITY DISTRICT
	<u>Location</u> <u>Families</u>		<u>Location</u> <u>Families</u>		<u>Location</u> <u>Families</u>	<u>Location</u> <u>Families</u>
	Many Farms NHA 20		Fort Defiance NHA 1		Shiprock NHA 3	▲Tuba City RHCC 18
	Chinle NHA 1		Navajo NHA 22			(PS&D)
	LYazzie 1 NHA Kinlichee (PS&D) 1	TOTAL CUSTOMERS:	Karighan Estates 6 Phase IIIa			
	NHA Chinle (PS&D) 65	0	▲Karighan Estates 10			
N T N	artific (Fodb) oo		Phase IIIb (PS&D)			
CHA		DILKON				
ept		DISTRICT				
A De						
C/P	TOTAL CUSTOMERS:	TOTAL CUSTOMERS:	TOTAL CUSTOMERS:	TOTAL CUSTOMERS:	TOTAL CUSTOMERS:	TOTAL CUSTOMERS:
N C	87	0	39	0	3	18
4-	San Sil			₹.		
116/1	Sub-Total: \$50,527.03		Sub-Total: \$71,435.40		Sub-Total: \$1,755.36	Sub-Total: \$23,000.00

2013 Civil Engineering Department - Capital Projects



Actual: **14 Capital Projects**

Initial Target: 11 Projects

Proposed Budget: \$18,319,607

Initial Budget: \$17,741,169

	C	H	IN	IL	E	
	11	S	ΓF	210	CI	Γ
tion						D

Projects Chinle WTP Ph I...... 1 Install Iron / Maganese Removal Plant Ganado 1 New Liftstation

TOTAL PROJECTS 2

CROWNPOINT DISTRICT

Location

Projects Church Rock.....1 Install PRV by-pass Fire Rock Casino...... 1 Meter Pt, Upgrade Relocation

TOTAL PROJECTS: 2

DILKON DISTRICT

Location **Projects** Jeddito......1 Community Lagoon Upgrade Twin Arrows 1 New Water facilities Twin Arrows WWTP.... 1 New Facilities Birdsprings...... 1 Booster Upgrade

Jeddito 1

Chlorine Injection TOTAL PROJECTS: 5

FORT DEFIANCE DISTRICT

Location **Projects** Window Rock WWTP.. 1 Upgrade Ph I US HWY 491 Seg 4.... 1 A to E Tank 1 Booster Upgrade

TOTAL PROJECTS: 3

SHIPROCK DISTRICT

Location **Projects** Aneth 1 Wastewater Line Wash Crossing

TOTAL PROJECTS: 1

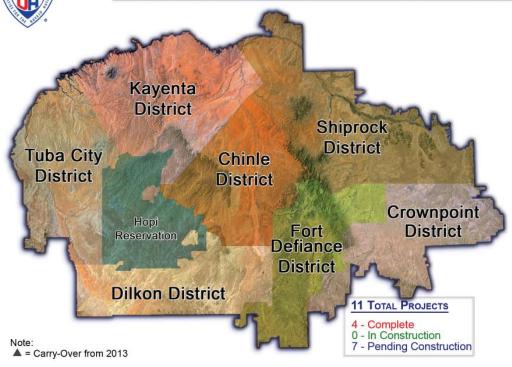
TUBA CITY DISTRICT

Location **Projects** Cameron......1 Relocate & Install Road Crossing

TOTAL PROJECTS: 1

2013 Water Construction - Construction Team





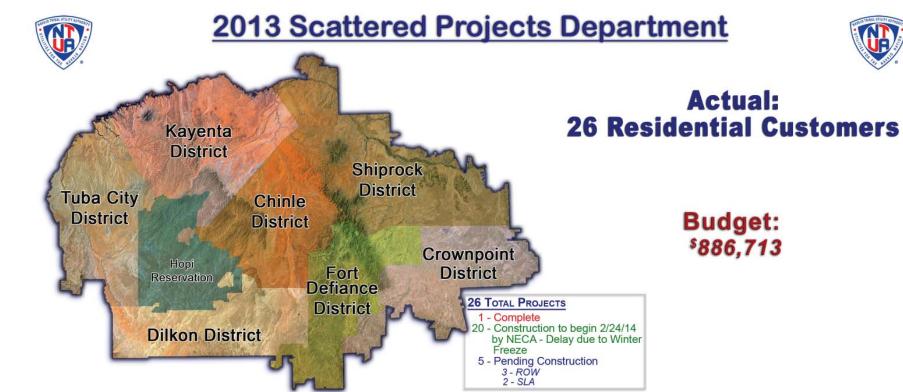
Proposed: 11 Projects

Initial Projects: 5

Proposed Budget: \$1,148,470.78

Initial Budget: \$267,591

	CHINLE DISTRICT	CROWNPOINT DISTRICT	DILKON DISTRICT	FORT DEFIANCE DISTRICT	SHIPROCK DISTRICT	TUBA CITY DISTRICT
	<u>Location</u> <u>Projects</u>	<u>Location</u> <u>Projects</u>	<u>Location</u> <u>Projects</u>	<u>Location</u> <u>Projects</u>	<u>Location</u> <u>Projects</u>	<u>Location</u> <u>Projects</u>
			▲Greasewood1			▲Cameron Chapter 1
	Shirley Septic Tank 1	Watering Point (ROW)	Watering Point (ROW)	Watering Point (PSD)	Watering Point (ROW)	Watering Point (ROW)
		▲Whitehorse Lake 1		TOTAL PROJECTS: 1		ADOT Cameron 1
_		Watering Point (ROW)		Sub-Total:		Water Relocation
RT W2d		FRNC 1		§54,163		
ptCHA				KAYENTA		
De				DISTRICT		
EC/PA				Location Projects		
	TOTAL DDG (50T0: 4	TOTAL PROJECTS: 3	TOTAL PROJECTS: 1	Kayenta I.H.S 1	TOTAL PROJECTS: 1	TOTAL PROJECTS: 2
GM	TOTAL PROJECTS: 1	The same of the sa	250 DEL 150 E 27 III	TOTAL PROJECTS: 1		
5	Sub-Total:	Sub-Total:	Sub-Total:	Sub-Total:	Sub-Total:	Sub-Total:
11/6/13	\$41,000.66	\$364,411.74	\$54,163	\$206,406.38	\$54,163	\$374,163



	CHINLE DISTRICT	CROWNPOINT DISTRICT	DILKON DISTRICT	FORT DEFIANCE DISTRICT	KAYENTA DISTRICT	TUBA CITY DISTRICT
DeptCHART W3c	Location Projects Chinle 1 Ganado (SLA) 2 Round Rock 0 Nazlini 2 Kinlichee 2 Many Farms 0	TOTAL PROJECTS: 0 SHIPROCK DISTRICT	Location Projects Wide Ruins 2 Greasewood 1 Cornfields 1 Cornfields 1 Whitecone (ROW) 1	Location Projects Ft. Defiance (2-ROW)2 Ft. Defiance	Oljatoh 1	Location Projects Coppermine0
1/17/14 - GM EC/PA	TOTAL PROJECTS:	TOTAL PROJECTS:	TOTAL PROJECTS:	TOTAL PROJECTS:	TOTAL PROJECTS:	TOTAL CUSTOMERS:

NAVAJO TRIBAL UTILITY AUTHORITY

AN ENTERPRISE OF THE NAVAJO NATION

2014 FINANCIAL FORECAST





NAVAJO TRIBAL UTILITY AUTHORITY 2014 Financial Forecast

22nd Navajo Nation Council

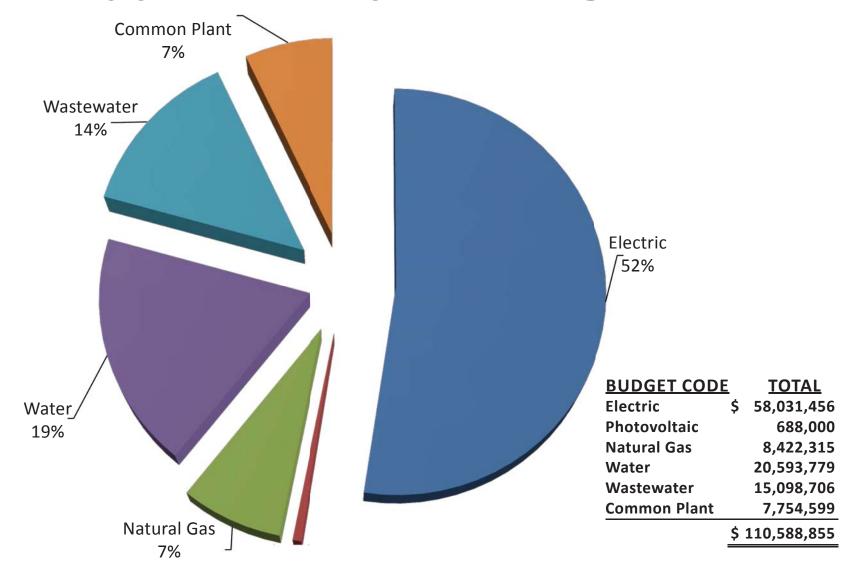
2014 Financial Forecast

	Electric	Gas	Water	Wastewater	Photovoltaic	Total
Operating Revenues						
Operating revenues	\$ 74,280,013	11,691,889	17,362,863	4,250,185	275,240	\$ 107,860,190
Telecommunication revenues	5,181,538					5,181,538
Other revenue adjustments	405,362	40,531	280,530	268,494	4,466	999,383
Agency revenues	495,000	<u> </u>	(4),			495,000
Total operating revenues, net	80,361,913	11,732,420	17,643,393	4,518,679	279,706	114,536,111
Operating Expenses						
Electricity, gas, and water purchased for resale	33,747,081	6,260,751	1,250,777			41,258,609
Operation and maintenance	8,547,068	1,177,271	4,139,864	1,009,820	110,977	14,984,999
Customer accounts and sales	1,822,661	251,053	882,826	215,344	23,666	3,195,550
Administrative and general	11,271,039	1,552,470	5,459,248	1,331,652	146,346	19,760,754
Depreciation and amortization	9,737,142	1,403,552	4,810,674	1,407,061	185,971	17,544,399
Total operating expenses	65,124,991	10,645,097	16,543,389	3,963,876	466,959	96,744,311
Operating Income (Loss)	15,236,922	1,087,323	1,100,004	554,803	(187,252)	17,791,800
Nonoperating Revenues (Expenses)						
Allowance for funds used during construction	42,413	8,407	12,193	3,566	613	67,192
Investment and interest income	2,009,019	54,762	675,480	814,614	467	3,554,341
Interest expense	(1,801,932)	(1,172,452)	(603,108)	(297,593)	(34,803)	(3,909,888
Jobbing, net	231,973	14,643	198,879	253,935	991	700,421
Income from joint venture	86,215	-	90	¥	2	86,215
Other	145,071	(51,793)	(158,715)	(14,435)	(6,863)	(86,735
Total nonoperating revenues (expenses)	712,758	(1,146,434)	124,730	760,086	(39,595)	411,546
nange in Net Assets	\$ 15,949,681	\$ (59,110)	\$ 1,224,734	\$ 1,314,889	\$ (226,847)	\$ 18,203,346

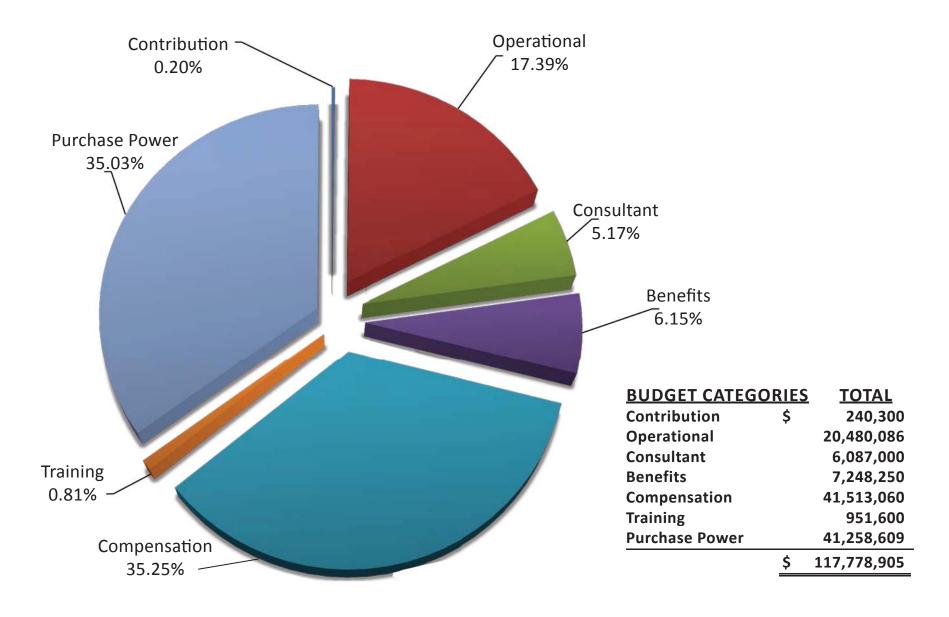
2014 Financial Forecast

	Electric	Gas	Water	Wastwater	Photovoltaic	Total
Available Funds	Electric	Gas	vvalei	vvasiwalei	Photovoitaic	IUlai
Add: Change in Net Assets	\$ 15,949,681	\$ (59,110)	\$ 1,224,734	\$ 1,314,889	\$ (226,847)	\$ 18,203,346
Add: Depreciation Expense	9,737,142	1,403,552	4,810,674	1,407,061	185,971	17,544,399
Add: Principal Payments from Notes	182,628	1,403,332	4,610,674	1,407,001	105,971	182,628
Less: Principal Payments to Long Term Debt		(1 145 107)	(1,697,270)	(501,463)	(103,846)	
Total Available Funds	(10,192,934)	(1,145,107)				(13,640,619)
Total Available Funds	15,676,517	199,335	4,338,138	2,220,486	(144,722)	22,289,754
Available Financing & Contributions						
RUS Financing	42,526,055				380,000	42,906,055
Great Western Bank Financing	2	6,984,393		0.00	2 2	6,984,393
Utility Specific Contributions	10,699,217	63,000	15,429,224	12,255,215	1	38,446,657
Total Financing & Contributions	53,225,272	7,047,393	15,429,224	12,255,215	380,000	88,337,104
Total Funds Available for Capital Budget	68,901,788	7,246,728	19,767,363	14,475,701	235,278	110,626,858
Total Capital Budget						
Utility Capital Budget	58,031,456	8,422,315	20,593,779	15,098,706	688,000	102,834,257
Common Budget	4,303,803	620,368	2,126,311	621,919	82,199	7,754,599
Total Capital Budget	62,335,259	9,042,683	22,720,090	15,720,625	770,199	110,588,856
Net Balance (Additional Funding Needed)	\$ 6,566,529	\$ (1,795,955)	\$ (2,952,727)	\$ (1,244,924)	\$ (534,921)	\$ 38,002

2014 Approved Capital Budget



2014 Approved O&M Budget



NAVAJO TRIBAL UTILITY AUTHORITY

An Enterprise of the Navajo Nation

www.ntua.com • 928-729-5721 • 1-800-528-5011



HEADQUARTERS

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

Telephone Number: 928-729-5721 Toll Free: 14-800-528-5721

Fax Number: 928-729-2135 Web Site: www.ntua.com

 General Manager	cully ontz
Divisions:	
Data Center Michael Ha	azel
Engineering & Technical ServicesWally C	hief
Finance & AccountingTom Nel	son
Human Resources Paul Bemore	, Sr.
Information TechnologySavoy Ya.	zzie
Safety Kenneth Be	gay

Chinle District

P.O. Box 549, Chinle, Arizona 86503

•	District Manager	Rubianne Dugi
•	Office Supervisor	Ruby Charley
•	Field Superintendent	Alfred Dugi
•	Customer Service Supervisor	Sherwin Curley

Communications

Lester Lee

Dilkon District

HC 63 Box D, Winslow, Arizona 86047

•	District Manager - Acting	. Johathan Curley
•	Office Supervisor	Annelita Spencer
•	Field Superintendent	Johathan Curley
•	Customer Service Supervisor	Isabelle Lang

Fort Defiance District

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

	,	
•	District Manager	Daniel Wauneka
•	Office Supervisor	Andrea Nez
•	Field Superintendent	Wendell Damon
•	Customer Service Supervisor	Laura Sloan

Crownpoint District

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

District Manager	Philemon Allison
Office Supervisor	Lucy Cayatineto
 Customor Sonico Suponisor 	*

Kayenta District

P.O. Box 37, Kayenta, Arizona 86033

District Manager	Vircynthia Charley
Office Supervisor	Sadie Crank
Field Superintendent	Ronald Begay
Customer Service Supervisor	Marcella Black

Shiprock District

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

District Manager	Eugene John
Office Supervisor	Rebecca Benally
Field Superintendent	Herbert Beyale, Jr.
Customer Service Supervisor	Alen Wallace
Sub-Office Locations	Red Mesa, AZ
	and Nageezi, NM

Tuba City District

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

District Manager	Dale Luna
Office Supervisor	*
Field Superintendent	Dennison Young
Customer Service Supervisor	Delaine Henry

*Vacant Position

2014 Navajo Tribal Utility Authority

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An Ente		

January Yasniłt'ees					February Atsábiyáázh							arc			Wóózhclijid					
Sunday	Monday	Tuesday	Vednesday TUA FFICES LOSED	Thursday 2	Friday 3	Saturday 4	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday 1	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday 1
5	6	7	New Year's Day	9	10	11	2	3	4	5	6	7	8		2 3	4	5	6	7	8
12	13	14	15	16	17	18	Greundhog Day	10	11	12	13	14	15		Read Acress America Day	11	Ash Wednesday	13	14	15
19		21	1,500	23	2000	25	16	- 512	18	Lincoln's Birthday	20	Valentine's Day	22	Dayligh Savings Ti Begim		3903	188	20	21	22
	Martin Luther King, Je, Day		22 Anniversary			25		Presidents' Day						,,	St. Patrick's Da			Spring Begim		
26	27	28	29	30	31		23	24	25	26	27	28		23 3	24 31	25	26	27	28	29
Ap	ril					áchil	Ma						átsoh		ne				njáásk	
Sunday	Monday	1	Vednesday 2	Thursday 3	Friday 4	Saturday 5	Sunday	Monday	Tuesday		1	Priday 2	Saturday 3	OI CI	Monday CES 2		Wednesday 4	Thursday 5	Friday 6	Saturday 7
6	7	April Fool's Day	9	10	11	12	4	5	6	7	National Day of Prayer	9	10	Navaje Nat Memorial I	3 9	10	11	12	13	14
13	14	15	16	17	18	19	11	12	13	14	15	16	17	1!	5 16	17	18	19	20	71ag Day
Palm Sunday	7ax Day	22	23	24	Good Friday	26	Mother's Day		20	21	22	23	Armed Forces Day	Father's D	9			26	27	ummer Begins
Easter		Earth Day	Administrative Professionals Day		23	20			370-3376				10			70,000	23	20		20
27	Navajo Nation Sovereignty	29	30				25	FIC26	27	28	29	30	31	29	30					
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Ju	_				ishjáá		Au	gu	st			îant'á á			pte					
	Monday	Tuesday	Nednesday 2		Friday TUA FFICEA LOSED		Au	gu Monday	St Tuesday	Wednesday					Monday WA FIGES 1	Tuesday				átsoh Saturday
	_	Tuesday 1		Thursday	Friday	Saturday	Au Sunday	Monday	st Tuesday	Wednesday			Saturday 2	Sunday N OI CI	Monday	Tuesday 2	Wednesday	Thursday	Friday	Saturday
Sunday	Monday	1	2	Thursday 3	Friday FFICEA LOSED Independence Day	Saturday 5	Sunday	Monday	Tuesday		Thursday	Friday	Saturday 2		Monday FIGES 1 Labor Day 7 8	Tuesday 2	3 10	Thursday 4	Friday 5	Saturday 6
Sunday 6	Monday 7	1 8	9	3 10	TVA TVA SPICE 4 LOSED 4 Independence Day	5 12	Sunday 3	Monday	Tuesday 5	6	Thursday 7	1 8	2 9	Sunday N Of CI	Monday TUA FICES 1 Labor Day 7 8	2 9 16	3 10	4 11 Patriot Day	5 12	6 13
6 13 20	7 14 21	1 8 15 22	9 16 23	3 10 17 24	TVA TVA SPICE 4 LOSED 4 Independence Day	5 12 19	3 10	4 11 18	5 12 19	6 13 20	7 Alacid 4 Navajo Nation codo Italia Day 21	1 8 15 22	9 16 23	Grandpare Day	Monday To SED 1 Labor Day 8 4 15	9 16 23	3 10 17	4 11 Patriot Day 18	5 12 19	6 13 20
6 13 20 27 Parents' Day	7 14 21 28	1 8 15 22 29	9 16 23 30	3 10 17	TVA TVA SPICE 4 LOSED 4 Independence Day	5 12 19	3 10 17 24 31	4 11 18 25	5 12 19 26	6 13 20 27	7 Rec 4 Sec 4 Newajo Nation Code Tablet Day	1 8 15	2 9 16	Grandgaren Grandgaren 2'	Monday CES 1 Laber Day 8 4 15 1 22 8 29	9 16 23 Autum Regies 30	3 10 17 24	4 11 Patriot Day 18	5 12 19 26	6 13 20
6 13 20 27 Parents' Day	7 14 21	1 8 15 22 29	9 16 23 30	10 17 24 31	TURA PFICE AL LOSE STATE AND ADDRESS AND A	12 19 26	3 10 17 24 31	4 11 18	5 12 19 26	6 13 20 27	7 Avail 4 Avail Avail Nation John Inles Du 21 28	1 8 15 22 29 Niich	9 16 23 30 its/ósí	Grandpare Grandpare Laceton Day Laceton Da	Monday To SED 1 Labor Day 8 4 15	9 16 23 Autum Bajis	3 10 17 24	11 Patriot Day 18 25	5 12 19 26 Native Day	6 13 20 27
6 13 20 27 Parents' Day	7 14 21 28	1 8 15 22 29	9 16 23 30	10 17 24 31	TURA PFICE AL LOSE STATE AND ADDRESS AND A	12 19 26	3 10 17 24 31	4 11 18 25	5 12 19 26	6 13 20 27	7 Avail 4 Avail Avail Nation John Inles Du 21 28	1 8 15 22 29 Niich	9 16 23 30 its/ósí	Grandpare Grandpare Laceton Day Laceton Da	Monday T ESS 1 Laber Day 1 15 1 22 3 29	9 16 23 Autum Regins 30	3 10 17 24	11 Patriot Day 18 25	5 12 19 26 Native Day	6 13 20 27
6 13 20 27 Parents' Day	7 14 21 28 tot	1 8 15 22 29	2 9 16 23 30	10 17 24 31	Friday FUA FFICE 4 FORE 111 18 25 Friday 3	12 19 26	3 10 17 24 31 NO sunday	4 11 18 25	5 12 19 26 Tuesday 4	6 13 20 27	7 Avail 4 Avail Avail Nation John Inles Du 21 28	1 8 15 22 29 Niich	9 16 23 30 its/ós/i saturday	Grandpares Grandpares Grandpares Sunda	Monday T	9 16 23 Autum Bapto 30 Tuesday 2	3 10 17 24 er Wednesday 3	4 11 Patriot Day 18 25	12 19 26 Native American Day Niich	6 13 20 27 itsoh
6 13 20 27 Parents Day Sunday	7 14 21 28 tot	1 8 15 22 29 err	2 9 16 23 30 Nednesday 1 8	10 17 24 31	Triday FIGURA FI	12 19 26 haaji saturday 4	3 10 17 24 31 NG Sunday	4 11 18 25 Ve	5 12 19 26 Tuesday	6 13 20 27 er	7 10014 Need 14 Need 14 Need 15 Need 16 1001 1001 1001 1001 1001 1001 1001 1	15 22 29 Niichi Friday	2 9 16 23 30 its/ósí saturday 1 8	Grandpare 14	Monday 7 8 8 4 15 1 22 8 29	2 9 16 23 Autum Repto 30 mbc 2 9	3 10 17 24 er wednesday 3 10	111 Patriot Day 18 25 Thursday 4 111	12 19 26 Nature American Oxy NHch Friday 5 12	6 13 20 27 itsoh Saturday 6
6 13 20 27 Parent Day Sunday	7 14 21 28 10 Monday 6	1 8 15 22 29 Der	2 9 16 23 30 Nednesday 1 8	10 17 24 31 Thursday 2	110 18 25 Friday 111 18 25	12 19 26 haaii Saturday 4 11 18	3 10 17 24 31 NO Sunday	4 11 18 25 Ve Monday	5 12 19 26 Tuesday Market Day Lackston Day L	6 13 20 27 er wednesday	7 2014 Navaja Marina rodo India Dia 28 Thursday	15 22 29 Niichi Friday	2 9 16 23 30 its/ósí saturday 1 8	Sunda	Monday	2 9 16 23 Autum legic 30 16 2 9 16 16	3 10 17 24 er 3 10	111 Patriot Day 18 25 Thursday 4 111	12 19 26 Nature American Oxy NHch Friday 5 12	13 20 27 itsoh 3aturday 6 13 20
6 13 20 27 Parent Day 5 12	7 14 21 28 tot Monday 6	1 8 15 22 29 err Tuesday	2 9 16 23 30 Nednesday 1 8 15 22	10 17 24 31 Thursday 2 9 16 804' Day 23	111 18 25 Friday 3 10 17 24	12 19 26 haaii saturday 4 11 18	3 10 17 24 31 No Sunday	4 11 18 25 Ve Monday	5 12 19 26 Tuesday Market Day Lackston Day L	6 13 20 27 er Nednesday 5 12	7 24 4 Navaja Navion- cela lular Div. 21 28 Thursday 6 13 20	15 22 29 Niichi Priday	23 30 its/ósf Saturday 1 8 15 22	Grandpare Grandpare Sunda	Monday 7 8 4 15 1 22 8 29 0 6 6 Monday 1 15 1 22	2 9 16 23 Autom Egile 19 2 9 16 16 23	3 10 17 24 24 24 10 17 24 10	111 Patriot Day 18 25 Thursday 4 11 18	12 19 26 Nation Oxy NHCh Priday 5 12	13 20 27 itsoh 3aturday 6 13 20

P.O. Box 170

Fort Defiance, Arizona 86504 1-928-729-5721 or toll free 1-800-528-5011









Dilkon







