Meeting the Needs of the Navajo Nation



Status of Utility Projects - Defunded Cares Act Projects Update #27
Navajo Nation Legislation CJY-41-21

This document reports on the progress of the refunded Defunded Navajo Nation CARES Act Projects which was approved through CJY-41-21. These utility projects were initially funded under the Navajo Nation CARES Act Fund but were later defunded as the Navajo Nation's deadline for the completion of these projects neared, prompting the Navajo Nation to recall the funds and reallocate the unspent funds to the Navajo Nation Hardship Assistance Expenditure Plan.

Third Quarter Update 2026
Utility Construction Update #27 - Data as of 10.16.26

2.18 –HOUSING SUPPORT: OTHER HOUSING ASSISTANCE

The Navajo Nation approved NNFRF funding for projects that will provide a source of power and when necessary to provide funds to have the house wired for Navajo family homes which reside on the Navajo Nation. There are three sections: NTUA electric connections, off-grid residential solar units, and NTUA & neighboring utilities connections.

NTUA Electric Connections:

With the funds designated for NTUA electric connections, NTUA estimates it can fund the extension of NTUA's existing electric distribution lines to 404 Navajo family homes. This plan includes funds, as needed, to complete interior house wiring, pole mounted meter loops, certification and recertification of house wiring, and inspections.

As of this Update, 412 Navajo families have been connected to the grid under the Defunded CARES Act (DCA)

*** Please note previous updates included projects under the Defunded CARES Act projects and projects listed in CJN- 29-21. A separate report labeled ARPA II Report – highlights those specific projects. In this Update, only projects under the Defunded CARES Act project listing will be reflected in the reporting table below.

Table1: NTUA Electric Connections: Staging of 404 Homes

	DCA Community Powerline Projects	DCA Short Line Extensions	DCA Total
1. Preliminary	0	1	1
2. Engineering	0	0	0
3. In ROW	0	4	4
4. Rights of Way Approved	1	3	4
5. Release for Construction	0	0	0
6. Completed Construction & In Service	**51**	**361**	**412**
TOTAL	**52**	**369**	**421**

Table 1 above shows the various stages of completed electric service applications. Stages 1 through 4 are completed applications that are under review, but some may never be constructed for a variety of reasons.

CJY 41-21 for Defunded Cares Act – Table shows only Home Connections; completed projects

Navajo Nation Council Delegate	Chapter	Number of Families	State
Honorable Delegate Amber Kanazbah-Crotty	Cove	3	**AZ**
	Cudeii (Gadii ahi/To' Koi)	1	**AZ**
	Red Valley	3	**AZ**
	Sanostee (Tse Alnaozt'ii)	6	**NM**
	Toadlena/Two Grey Hills	1	**NM**
	Two Grey Hills/Toadlena	2	**NM**
Delegate Crotty Total		**16**	
Honorable Delegate Dr. Andy Nez	Crystal	1	**NM**
	Fort Defiance	9	**NM**
	Sawmill	9	**AZ**
Delegate Nez Total		**19**	
Honorable Chairperson Brenda Jesus	St. Michaels	16	**AZ**
Delegate Jesus Total		**16**	
Honorable Vice-Chairperson Carl Roessel Slater	Lukachukai	12	**AZ**
	Rock Point	4	**AZ**
	Rough Rock (Tse Ch' Izhi)	4	**AZ**
	Round Rock	6	**AZ**
	Tsaile-Wheatfields	14	**AZ**
Delegate Slater Total		**40**	
Honorable Vice-Chairperson Casey Allen Johnson	Birdsprings (Tsidii To'ii)	1	**AZ**
	Coalmine Canyon	3	**AZ**
	Leupp	4	**AZ**
	Tolani Lake	2	**AZ**
Delegate Johnson Total		**10**	
Honorable Delegate Cherilyn Yazzie	Dilkon	6	**AZ**
	Greasewood Springs	2	**AZ**
	Indian Wells	2	**AZ**
	Teesto	3	**AZ**
	Whitecone	1	**AZ**
Delegate Yazzie Total		**14**	

Honorable Madam Speaker Crystalyne Curley	Blue Gap-Tachee	10	**AZ**
	Low Mountain	3	**AZ**
	Many Farms	10	**AZ**
	Nazlini	9	**AZ**
	Tselani-Cottonwood	13	**AZ**
Speaker Curley Total		**45**	
Honorable Delegate Curtis Yanito	Aneth	9	**UT**
	Mexican Water	5	**UT**
	Red Mesa	14	**UT**
	Teec Nos Pos	10	**NM**
	To'likan (Sweetwater)	3	**AZ**
Delegate Yanito Total		**41**	
Honorable Delegate Danny Simpson	Crownpoint	1	**NM**
	Nahodishgish	2	**NM**
	Standing Rock (Tse'ii'ahi')	2	**NM**
Danny Simpson Total		**5**	
Honorable Chairperson Eugenia Charles-Newton	Shiprock	19	**NM**
Delegate Charles-Newton Total		**19**	
Honorable Vice-Chairperson Germaine Simonson	Hardrock	1	**AZ**
	Pinon	9	**AZ**
	Whippoorwill	3	**AZ**
Delegate Simonson Total		**13**	
Honorable Delegate Helena Nez Begay	Bodaway-Gap	1	**AZ**
	Coppermine	4	**AZ**
	Kaibeto (Kai' Bii To)	2	**AZ**
	LeChee	1	**AZ**
	Tonalea/Red Lake	15	**AZ**
Delegate Nez Begay Total		**23**	
Honorable Delegate Herman Daniels Jr.	Inscription Hse (Ts'ah Bii Kin)	3	**AZ**
	Navajo Mountain	5	**AZ**
	Oljato	6	**UT**
	Shonto	24	**AZ**
Delegate Daniels Jr. Total		**38**	

Honorable Delegate Nathan Notah	Coyote Canyon	4	**NM**
	Mexican Springs	1	**NM**
	Naschitti	8	**NM**
	Tohatchi	2	**NM**
	Twin Lakes (Bahastl' ah')	11	**NM**
Delegate Notah Total		**26**	
Honorable Delegate Otto Tso	Tuba City (To' Nanees' Dizi')	8	**AZ**
Delegate Tso Total		**8**	
Honorable Delegate Rickie Nez	Burnham (T'iis Toh Sikaad)	2	**NM**
	Hogback (Tse'Daa Kaan)	2	**NM**
	Newcomb (Tiis Nideeshgish)	1	**NM**
	Upper Fruitland	4	**NM**
Delegate Nez Total		**9**	
Honorable Chairperson Shaandiin Parrish	Dennehotso	5	**AZ**
	Kayenta	9	**AZ**
Delegate Parrish Total		**14**	
Honorable Delegate Shawna Ann Claw	Chinle	21	**AZ**
Delegate Claw Total		**21**	
Honorable Chairperson Vince R. James	Cornfields	5	**AZ**
	Ganado	4	**AZ**
	Jeddito	4	**AZ**
	Kinlichee (Kin Dah Lichii)	4	**AZ**
	Steamboat	4	**AZ**
Delegate James Total		**21**	
Honorable Delegate Arbin Mitchell	Houck	3	**AZ**
	Klagetoh	1	**AZ**
	Lupton (Tse Si Ani)	2	**AZ**
	Nahata Dziil	3	**AZ**
	Wide Ruins	5	**AZ**
Delegate Mitchell Total		**14**	
	Current Total Completed	**412**	**Goal of 404 Exceeded**

Off-Grid Residential Solar Units: AZ

With the funds designated for the off-grid residential solar projects, NTUA estimates it can fund the installation of 150 off- grid solar systems. The 150 off-grid residential solar systems comprised of a skid mounted solar unit, battery system, and an energy efficient refrigerator.

This funding also covers, as needed, basic interior house wiring, certification and re-certification of house wiring, inspection, and a generator with an automatic transfer switch (if medically necessary). NTUA has completed the installation of 150 solar units. See table at the end of the document for a Chapter specific table.

Table2: Off-Grid Residential Solar Units: Staging of 150 Solar Projects

	Off-Grid Residential Solar Project Stage	Status
1	Completed Applications	0
2	Projects that are in the Engineering Stage	0
3	Projects that are Found to be Feasible	0
4	Projects that are in Construction	0
5	Projects that are Constructed and In Service **(Project completed)**	150
	Grand Total	**150 (Goal met)**

Navajo Nation Council Delegate	Chapter/State	Number of Families
Hon. Amber Kanazbah Crotty	Red Valley, AZ	1
	Sanostee, NM	1
	Sheep Springs, NM	1
Honorable Delegate Crotty	**Total**	**3**
Hon. Dr. Andy Nez	Sawmill, AZ	3
Honorable Delegate Dr. Nez	**Total**	**3**
Hon. Chairperson Brenda Jesus	Oak Springs, AZ	1
	St. Michaels, AZ	4
Honorable Delegate Jesus	**Total**	**5**
Hon. Vice-Chairperson Carl Slater	Round Rock, AZ	1
	Tsaile, AZ	2
Honorable Delegate Slater	**Total**	**3**
Hon. Vice-Chairperson Casey Allen Johnson		
	Cameron, AZ	13
	Leupp, AZ	3
Honorable Delegate Johnson	**Total**	**16**

Hon. Madam Speaker Crystalyne Curley	Blue Gap, AZ		1
	Cottonwood, AZ		8
	Low Mountain, AZ		5
	Many Farms, AZ		1
	Nazlini, AZ		2
	Pinon, AZ		1
Honorable Madam Speaker Curley		**Total**	**18**
Hon. Danny Simpson	Crownpoint, NM		1
	Nageezi, NM		2
Honorable Delegate Simpson		**Total**	**3**
Hon. George H. Tolth	Baca, NM		5
	Casamero Lake, NM		1
	Counselor, NM		1
	Ojo Encino, NM		2
	Pueblo Pintado, NM		1
Honorable Delegate Tolth		**Total**	**10**
Hon. Vice-Chairperson Germaine Simonson	Black Mesa, AZ		1
Honorable Delegate Simonson		**Total**	**1**
Hon. Helena Nez Begay			
	Bodaway Gap, AZ		1
	Tonalea, AZ		5
Honorable Delegate Nez Begay		**Total**	**6**
Hon. Herman M. Daniels, Jr.	Inscription House, AZ		1
	Oljato, UT		9
	Shonto, AZ		9
Honorable Delegate Daniels		**Total**	**19**
Hon. Arbin Mitchell	Houck, AZ		1
Honorable Delegate Mitchell		**Total**	**1**
Hon. Vice-Chairperson Nathan Notah			
	Mexican Springs, NM		2
	Naschitti, NM		2
	Twin Lakes, NM		4
Honorable Delegate Notah		**Total**	**8**

Hon. Norman M. Begay	Ramah, NM		1
Honorable Delegate Begay		**Total**	**1**
Hon. Otto Tso	Tuba City, AZ		4
Honorable Delegate Tso		**Total**	**4**
Hon. Lester Yazzie	Bread Springs, NM		2
	Chichiltah, NM		2
	Red Rock, NM		3
	Rock Springs, NM		4
	Tseyatoh, NM		1
Honorable Delegate Yazzie		**Total**	**12**
Hon. Chairperson Shaandiin Parrish	Chilchinbeto, AZ		4
	Dennehotso, AZ		2
	Kayenta, AZ		11
Honorable Delegate Parrish		**Total**	**17**
Hon. Shawna Ann Claw	Chinle, AZ		6
Honorable Delegate Claw		**Total**	**6**
Hon. Steven R. Arviso	Church Rock, NM		1
	Pinedale, NM		4
	Smith Lake, NM		1
	Thoreau, NM		1
Hon. Steven R. Arviso		**Total**	**7**
Honorable Chairperson	Ganado		1
Vince R. James	Kinlichee		4
	Steamboat		2
Honorable Delegate James		**Total**	**7**
	GRAND TOTAL		**150**

The table above shows 150 completed residential solar units that are in-service.

Staging of 425 homes connected to the Electric Grid (Neighboring Utilities connections)

This plan includes funding, as needed, to complete the interior house wiring, pole mounted meter loops, certification and recertification of house wiring, and inspections. Normally, these costs are the responsibility of the homeowner, but now that these costs are covered homeowners no longer worry about this. Depending on the location of the homes to existing power lines, electric grid connections may be provided by NTUA or neighboring non-NTUA electric providers such as: Arizona Public Service (APS), Continental Divide Electric Cooperative (CDEC), the City of Farmington, the City of Gallup, Jemez Mountains Electric Cooperative (JMEC), or Socorro Electric.

To date, out of 425 homes, 232 families living outside NTUA service territory have been connected by neighboring utilities.

Table 3: Staging of 425 Homes Connected to Electric Grid Defunded CARES Act (DCA) – Neighboring Utilities Connection Staging

	Summary - Project Stages	DCA	Total No. of Projects
0	Preliminary	3	3
1	Completed Applications	10	10
2	Projects that are in the Engineering Stage	39	39
3	Projects that are at the ROW Stage	49	49
4	Projects with Approved ROW	4	4
5	Projects that are in Construction	0	0
	Projects that are Constructed and In Service	**232 completed**	**232**
	Overall Neighboring Utility Projects Total	**337**	**337**

NTUA is working with APS, CDEC, JMEC, Socorro, the City of Farmington, and the City of Gallup on several projects in each of their service territories to connect customers to the electric grid. See following tables.

Arizona Public Service Customers (APS) – Arizona

	Project Stages	Total No. of DCA Projects
1	Preliminary	0
2	Completed Applications	1
3	Projects that are in the Engineering Stage	1
4	Projects that are at the ROW Stage	2
5	Projects with Approved ROW	1
6	Projects that are in Construction	0
7	**Projects that are Constructed and In Service**	**13**
Neighboring Utility (APS) Projects	**Total**	**18**

Continental Divide Electric Cooperative (CDEC) – New Mexico

	Project Stages	Total No. of DCA Projects
1	Preliminary	0
2	Completed Applications	2
3	Projects that are in the Engineering Stage	18
4	Projects that are at the ROW Stage	8
5	Projects with Approved ROW	1
6	Projects that are in Construction	0
6	**Projects that are Constructed and In Service**	**172**
Neighboring Utility (CDEC) Projects	**Total**	**201**

Jemez Mountains Electric Cooperative (JMEC) – New Mexico

Project Stages		Total No. of DCA Projects
1	Preliminary	2
2	Completed Applications	7
3	Projects that are in the Engineering Stage	17
4	Projects that are at the ROW Stage	38
5	Projects with Approved ROW	1
6	Projects that are in Construction	0
7	**Projects that are Constructed and In Service**	**42**
Neighboring Utility (JMEC) Projects Total		**107**

Socorro Electric – New Mexico

Project Stages		Total No. of DCA Projects
1	Preliminary	1
2	Completed Applications	0
3	Projects that are in the Engineering Stage	0
4	Projects that are at the ROW Stage	0
5	Projects with Approved ROW	1
6	Projects that are in Construction	0
7	**Projects that are Constructed and In Service**	**3**
Neighboring Utility (SEC) Projects Total		**5**

City of Farmington Electric – New Mexico

Project Stages		Total No. of DCA Projects
1	Preliminary	0
2	Completed Applications	0
3	Projects that are in the Engineering Stage	3
4	Projects that are at the ROW Stage	1
5	Projects with Approved ROW	0
6	Projects that are in Construction	0
7	**Projects that are Constructed and In Service**	**1**
Neighboring Utility (COF) Projects Total		**5**

City of Gallup Electric – New Mexico

Project Stages		Total No. of DCA Projects
1	Preliminary	0
2	Completed Applications	0
3	Projects that are in the Engineering Stage	0
4	Projects that are at the ROW Stage	0
5	Projects with Approved ROW	0
6	Projects that are in Construction	0
7	**Projects that are Constructed and In Service**	**1**
Neighboring Utility (COF) Projects Total		**1**

Connections by Neighboring Utilities Navajo Nation Council Delegate	Arizona New Mexico Utility Provider	Navajo Communities Chapter/State	Number of Families Connected Completed DCA Projects
Hon. Otto Tso	APS	**Tuba City, AZ**	12
Hon. Casey Allen Johnson	APS	**Cameron, AZ**	1
Hon. George H. Tolth	CDEC	**Baca/Prewitt, NM**	14
Hon. Danny Simpson	CDEC	**Becenti, NM**	1
Hon. Lester Yazzie	CDEC	**Breadsprings, NM**	10
Hon. Lester Yazzie	CDEC	**Chichiltah, NM**	19
Hon. Steven R. Arviso	CDEC	**Churchrock, NM**	14
Hon. Danny Simpson	CDEC	**Crownpoint, NM**	5
Hon. Steven R. Arviso	CDEC	**Iyanbito, NM**	8
Hon. George H. Tolth	CDEC	**Littlewater, NM**	2
Hon. Lester Yazzie	CDEC	**Manuelito,**	14
Hon. Steven R. Arviso	CDEC	**Mariano Lake, NM**	7
Hon. Steven R. Arviso	CDEC	**Pinedale, NM**	3
Hon. Norman M. Begay	CDEC	**Ramah, NM**	7
Hon. Lester Yazzie	CDEC	**Red Rock, NM**	11
Hon. Lester Yazzie	CDEC	**Rock Springs, NM**	15
Hon. Steven R. Arviso	CDEC	**Smith Lake, NM**	11
Hon. Danny Simpson	CDEC	**Standing Rock, NM**	1
Hon. Steven R. Arviso	CDEC	**Thoreau, NM**	11
Hon. Lester Yazzie	CDEC	**Tsayatoh, NM**	13
Hon. George H. Tolth	CDEC	**Whitehorse Lake, NM**	3
Hon. Norman M. Begay	CDEC	**Tohajiilee, NM**	3
Hon. Norman M. Begay	SEC	**Alamo, NM**	3
Hon. George H. Tolth	JEMEZ MTN	**Counselor, NM**	7
Hon. Danny Simpson	JEMEZ MTN	**Huerfano, NM**	3
Hon. Danny Simpson	JEMEZ MTN	**Lake Valley, NM**	2
Hon. Danny Simpson	JEMEZ MTN	**Nageezi, NM**	10
Hon. George H. Tolth	JEMEZ MTN	**Ojo Encino, NM**	5
Hon. George H. Tolth	JEMEZ MTN	**Pueblo Pintado, NM**	5
Hon. George H. Tolth	JEMEZ MTN	**Torreon/Star Lake, NM**	10
Hon. Danny Simpson	COF	**Huerfano, NM**	1
Hon. Lester Yazzie	COG	**Rock Springs, NM**	1
	Out of 425 projects	**Total Completed**	**232**

5.2 – CLEAN WATER: CENTRALIZED WASTEWATER COLLECTION & CONVEYANCE

The Navajo Nation authorized NNFRF for NTUA's refunded Defunded Navajo Nation CARES Act Projects related to wastewater collection systems. With this funding NTUA originally estimated it can complete 9 projects. The projects will include rehabilitation and/or upgrades for lift stations.

A lift station pumps wastewater from a lower elevation to a higher elevation and allows the wastewater to flow into a lagoon or other wastewater treatment plants. NTUA has identified 6 lift stations in Arizona and 3 in New Mexico that may be funded from this expenditure category. The Shonto, AZ Lift Station was completed and is in service. NTUA believes it will only be able to complete 8 projects, 5 in Arizona and 3 in New Mexico with the funding that was provided in this category.

Table4: NTUA Centralized W/Water Collection and Conveyance System Projects Stage

Projects Stage		Status
1	Design and Engineering	0
2	Right of Way	0
3	In Procurement Process	0
4	Release Construction	7
5	Construction Complete and In Service	1
	Total	**8**

Table 4 provides a status update for these nine projects. NTUA will move forward with project development in design and engineering. To advance these projects to the construction phase, NTUA will need to receive funds from the NNFRF.

5.2 Clean Water: Centralized Wastewater Collection and Conveyance

NN Council Delegate	Chapter	Project Description	Total Projects	State
Hon. Crystalyne Curley	Many Farms	Many Farms Lift Station Rehab (Released for Construction)	1	**AZ**
~~**** Hon. Helena Nez Begay**~~	~~LeChee~~	~~LeChee Lift Station Rehab (pending construction cost estimate)~~	~~1~~	~~**AZ**~~
Hon. Herman Daniels Jr.	Shonto	Shonto Lift Station Rehab (Completed)	1	**AZ**
Hon. Nathan Notah	Coyote Canyon	Coyote Canyon Lift Station Rehab (Pending Construction Cost Estimate)	1	**NM**
Hon. Andy Nez	Sawmill	Sawmill Lift Station Rehab (Pending Construction Cost Estimate)	1	**AZ**
Hon. Andy Nez	Red Lake	Red Lake Lift Station Rehab (Released for Construction)	1	**AZ**
Hon. Shawna Ann Claw	Chinle	Chinle Lift Station Rehab (Released for Construction)	1	**AZ**
Hon. Casey Allen Johnson	Coalmine Canyon	Coalmine Canyon Mesa Lift Station Rehab (Released for Construction)	1	**AZ**
Hon. Steven Arviso	Iyanbito	Iyanbito Lift Station Rehab (Pending Construction Cost Estimate)	1	**NM**
		Total	**8**	

****NTUA was informed that the Lechee lift station was no longer needed. The Navajo Nation engineers indicated that the community wastewater would be transferred to the City of Page's Wastewater collection system, which eliminates that need for this lift station.**

5.2 CLEAN WATER: DECENTRALIZED WASTEWATER and 5.15– DRINKING WATER: OTHER WATER INFRASTRUCTURE

The Navajo Nation authorized NNFRF for NTUA's refunded Defunded Navajo Nation CARES Act decentralized wastewater projects. With this funding, NTUA estimated it would be able to construct (78) septic disposal system projects connected to homes located on the Navajo Nation that are located too far from NTUA's centralized wastewater collection systems. These projects include the cost to construct a fully functioning septic system which includes a septic tank, a drain field, plumbing (if necessary), sink (if necessary), hot water heater system (if necessary), bathroom addition (if necessary), an energy efficient refrigerator, house wiring (if necessary), all required inspections, and the installation of any other necessary components for a functional system. For each septic system to properly operate, a power source is required. Each project includes funding for either a solar system, connection to the electric grid or a small gas- powered electric generator. **It should be noted that each project in this category has a companion project under expenditure category 5.15 which provides a complete water cistern system to supply water to the home. As of October 16, 2026, NTUA has completed the construction of eighty-five (85) water cistern systems with septic disposal systems. NTUA was able to exceed its goal of 78 system projects while remaining within its original budget for 78 projects systems funded through categories 5.15 and 5.3. This chart shows 85 completed projects and the Chapter where they were installed.**

Table 5: Septic Systems Referral Stage: The table shows that 85 were completed, while the original target was 78.

Navajo Nation Council Delegate	Chapter/State	Completed	State
Hon. Brenda Jesus	St. Michaels	2	**AZ**
Hon. Carl R. Slater	Rock Point	1	**AZ**
Hon. Carl R. Slater	Round Rock	3	**AZ**
Hon. Carl R. Slater	Tsaile	1	**AZ**
Hon. Casey Allen Johnson	Bird Springs	6	**AZ**
Hon. Casey Allen Johnson	Leupp	6	**AZ**
Hon. Casey Allen Johnson	Cameron	1	**AZ**
Hon. Casey Allen Johnson	Coalmine Canyon	1	**AZ**
Hon. Cherilyn Yazzie	Dilkon	6	**AZ**
Hon. Cherilyn Yazzie	Greasewood Springs	3	**AZ**
Hon. Cherilyn Yazzie	Indian Wells	5	**AZ**
Hon. Cherilyn Yazzie	White Cone	2	**AZ**
Hon. Crystalyne Curley	Many Farms	1	**AZ**
Hon. Germaine Simonson	Black Mesa	1	**AZ**
Hon. Germaine Simonson	Forest Lake	3	**AZ**
Hon. Helena N. Begay	Bodaway Gap	1	**AZ**
Hon. Helena N. Begay	Coppermine	4	**AZ**
Hon. Herman M. Daniels	Oljato	3	**AZ**
Hon. Herman M. Daniels	Shonto	3	**AZ**
Hon. Arbin Mitchell	Klagetoh	2	**AZ**
Hon. Arbin Mitchell	Houck	2	**AZ**
Hon. Arbin Mitchell	Wide Ruins	4	**AZ**
Hon. Nathan Notah	Naschitti	3	**NM**
Hon. Otto Tso	Tuba City	1	**AZ**
Hon. Lester Yazzie	Chilchiltah	5	**NM**
Hon. Rickie Nez	Burnham	1	**NM**
Hon. Shaandiin Parrish	Chilchinbeto	4	**AZ**
Hon. Shaandiin Parrish	Kayenta	3	**AZ**
Hon. Shawna Ann Claw	Chinle	2	**AZ**
Hon. Titus Nez	Iyanbito	1	**NM**
Hon. Vince R. James	Ganado	2	**AZ**
Hon. Vince R. James	Kinlichee	2	**AZ**
	Total	**85**	

5.11 – DRINKING WATER: TRANSMISSION AND DISTRIBUTION*

The Navajo Nation approved NTUA's refunded Defunded Navajo Nation CARES Act drinking water transmission and distribution projects. With this funding NTUA has completed the 16 transmission and distribution water projects originally listed.

This funding category provides funds to replace 7 compromised water distribution lines, 6 compromised Pressure Reducing Valves (PRV) and provides funding to upgrade 3 existing electric distribution lines to provide power to 3 water transmission line projects.

Table 6: Stage of NTUA Drinking Water: Transmission and Distribution Projects

Stage of NTUA Drinking Water: Transmission and Distribution Projects		Status
1	Design and Engineering	0
2	Right-of-Way	0
3	In Procurement Process	0
4	Release Construction	0
5	Complete Construction and In-Service	16
	Total – Goal Completed	**16**

Table 6: Of the 16 proposed projects, NTUA has completed 16 of 16.

NN Council Delegate	Chapter	Project Description	Total Projects	State
Hon. Crystalyne Curley	Low Mountain	**Smoke signal – Bore (Completed)**	1	**AZ**
Hon. Cherilyn Yazzie	Teesto	**Seba Dalkai – Bore (Completed)**	1	**AZ**
Hon. Rickie Nez	Upper Fruitland	**Upper Fruitland – Bore (Completed)**	1	**NM**
Hon. Arbin Mitchell	Sanders (Nahatahdzil)	**Park Estates Phase IV (Completed)**	1	**AZ**
Hon. Curtis Yanito	Teec Nos Pos	**Teec Nos Pos - PRV Replacements (Completed)**	1	**AZ**
Hon. Curtis Yanito	Aneth	**Aneth- PRV Replacements (Completed)**	1	**UT**
Hon. Curtis Yanito	Red Mesa	**Red Mesa – Bore (Completed)**	1	**UT**
Hon. Brenda Jesus	St. Michaels	**St. Michael – Bore (Completed)**	1	**AZ**
Hon. Germaine Simonson	Hardrock	**Hardrock - Four (4) PRV Replacements (Completed)**	4	**AZ**
Hon. Germaine Simonson	Black Mesa	**Kitsillie – Bore (Completed)**	1	**AZ**
Hon. Amber Kanazbah Crotty	Sheep Springs	**** NGWP PP#4, 0.21 MILES 3-PHASE LINE (NGWP - Navajo Gallup Water Project) (Completed)**	1	**NM**
Hon. Nathan Notah	Coyote Canyon	**** NGWP PP#7, NEW 3-PHASE LINE (Completed)**	1	**NM**
Hon. Rickie Nez	Tse Daa K'aan	**** SR EAST HOGBACK To PUMPING STATION, 3-PH ENERGIZED WORK (Completed)**	1	**NM**
		Total **** Three projects are electric upgrades to provide power for water system projects, including NGWP**	**16 Goal Completed**	

5.14 DRINKING WATER STORAGE COMPLETED PROJECTS

The Navajo Nation approved funds from the NNFRF for NTUA's drinking water storage projects. Water storage tanks serve as the main water supply for Navajo communities. It is important to keep water storage tanks maintained to provide safe and reliable drinking water for community members.

The original legislation funded the rehabilitation of 2 existing NTUA water storage tanks, located in Gap/Bodaway and Dennehotso, AZ communities. However, NTUA was able to complete the two projects significantly under budget.

NTUA received approval from the Navajo Nation to use the savings from the two completed projects to fund the rehabilitation of two additional water tanks. NTUA has also completed all four water storage tanks in Casamero Lake (NM), Dennehotso (AZ), Cedar Ridge (AZ) and Smith Lake (NM).

5.14 Drinking Water: Storage Completed Projects

NN Council Delegate	Chapter/State	Project Description	Total Projects
Hon. Helena Nez Begay	Gap/Bodaway, AZ	Cedar Ridge Storage Tank Renovation #2 (Completed)	1
Hon. Shaandiin Parrish	Dennehotso, AZ	Dennehotso Storage Tank Renovations #3 (Completed)	1
Hon. George Tolth	Casamero Lake, AZ	Casamero Lake Storage Tank Renovation (Completed)	1
Hon. Steven Arviso	Smith Lake, NM	Smith Lake Storage Tank Renovation (Completed)	1
		TOTAL – Goal Completed	**4**

5.19 – LAST MILE PROJECTS

The Navajo Nation approved NNFRF for NTUA's refunded Defunded Navajo Nation CARES Act Projects related to last mile broadband projects. The funding has provided operation and maintenance expenses to continue the operation of 41 student/teacher Wi-Fi hotspots that are located throughout the Navajo Nation to support equitable and remote learning.

NN Council Delegate	Chapter/State	Project Description	Total Projects
Hon. Cherilyn Yazzie	Dilkon, AZ	**Dilkon NTUA D.O. Wi-Fi Student Hotspots**	1
Hon. Crystalyne Curley	Many Farms, AZ	**Many Farms Elementary School Wi-Fi Student Hotspots**	1
Hon. Helena Nez Begay	Lechee, AZ	**Lechee Chapter House Wi-Fi Student Hotspots**	1
Hon. Helena Nez Begay	Tonalea/Red Lake, AZ	**Tonalea Chapter House Wi-Fi Student Hotspots**	1
Hon. Helena Nez Begay	Coppermine, AZ	**Coppermine Chapter House Wi-Fi Student Hotspots**	1
Hon. Helena Nez Begay	Kaibeto, AZ	**Kaibeto Chapter House Wi-Fi Student Hotspots**	1
Hon. Helena Nez Begay	Bodaway Gap, AZ	**Bodaway Gap Wi-Fi Student Hotspots**	1
Hon. Shaandiin Parrish	Kayenta, AZ	**Kayenta High School Wi-Fi Student Hotspots**	1
Hon. Shaandiin Parrish	Kayenta, AZ	**Kayenta Elementary School Wi-Fi Student Hotspots**	1
Hon. Shaandiin Parrish	Dennehotso, AZ	**Dennehotso Market Wi-Fi Student Hotspots**	1
Hon. Eugenia Charles-Newton	Shiprock, NM	**Shiprock Fairgrounds Wi-Fi Student Hotspots**	1
Hon. Amber Kanazbah Crotty	Sheep Springs, NM	**Sheep Springs Chapter House Wi-Fi Student Hotspots**	1
Hon. Amber Kanazbah Crotty	Red Valley, AZ	**Red Valley Chapter House Wi-Fi Student Hotspots**	1
Hon. Danny Simpson	Crownpoint, NM	**Navajo Technical University Wi-Fi Student Hotspots**	1
Hon. Nathan Notah	Tohatchi, NM	**Tohatchi Chapter House Wi-Fi Student Hotspots**	1
Hon. Vince James	Ganado, AZ	**Ganado Middle School Wi-Fi Student Hotspots**	1
Hon. Vince James	Ganado, AZ	**Ganado High School Wi-Fi Student Hotspots**	1
Hon. Vince James	Kindalichii, AZ	**Kin Dah Lichii Wi-Fi Student Hotspots**	1
Hon. Crystalyne Curley	Low Mountain, AZ	**Low Mountain Chapter House Wi-Fi Student Hotspots**	1

Hon. Crystalyne Curley	Tachee/Blue Gap, AZ	**Blue Gap Chapter House Wi-Fi Student Hotspots**	1
Hon. Carl Slater	Tsaile/Wheatfields, AZ	**Tsaile Elementary School Wi-Fi Student Hotspots**	1
Hon. Carl Slater	Rock Point, AZ	**Rock Point Community School Wi-Fi Student Hotspots**	1
Hon. Carl Slater	Tsaile/Wheatfields, AZ	**Dine' College Wi-Fi Student Hotspots**	1
Hon. Lomardo Aseret	Houck, AZ	**Houck Chapter House Wi-Fi Student Hotspots**	1
Hon. Andy Nez	Red Lake, AZ	**DEAP School Wi-Fi Student Hotspots**	1
Hon. Andy Nez	Ft. Defiance, AZ	**Ft. Defiance NTUA HQ Wi-Fi Student Hotspots**	1
Hon. Curtis Yanito	Mexican Water, UT	**Mexican Water Chapter House Wi-Fi Student Hotspots**	1
Hon. Curtis Yanito	Aneth, UT	**Aneth Chapter House Wi-Fi Student Hotspots**	1
Hon. Shawna Ann Claw	Chinle, AZ	**Chinle NTUA D.O. Wi-Fi Student Hotspots**	1
Hon. Otto Tso	Tuba City, AZ	**Tuba City Fairgrounds Wi-Fi Student Hotspots**	1
Hon. Otto Tso	Tuba City, AZ	**Tuba City Pavilion Wi-Fi Student Hotspots**	1
Hon. Casey Allen Johnson	Cameron, AZ	**Cameron Elementary School Wi-Fi Student Hotspots**	1
Hon. Casey Allen Johnson	Birdsprings, AZ	**Birdsprings Chapter House Wi-Fi Student Hotspots**	1
Hon. Casey Allen Johnson	Coalmine Canyon, AZ	**Coalmine Canyon Chapter House Wi-Fi Student Hotspots**	1
Hon. Casey Allen Johnson	Birdsprings, AZ	**Little Singer Community School Wi-Fi Student Hotspots**	1
Hon. Casey Allen Johnson	Leupp, AZ	**Leupp Chapter House Wi-Fi Student Hotspots**	1
Hon. Brenda Jesus	St. Michaels, AZ	**Window Rock Fairgrounds Wi-Fi Student Hotspots**	1
Hon. Brenda Jesus	Oak Springs, AZ	**Oak Springs Wi-Fi Student Hotspots**	1
Hon. Germaine Simonson	Pinon, AZ	**Pinon Chapter House Wi-Fi Student Hotspots**	1
Hon. Germaine Simonson	Forest Lake, AZ	**Forest Lake Chapter House Wi-Fi Student Hotspots**	1
Hon. Germaine Simonson	Hard Rock, AZ	**Hard Rock Chapter House Wi-Fi Student Hotspots**	1
		Grand Total	**41**

With the NNFRF refunded Defunded Navajo Nation CARES Act, NTUA Wireless (NTUAW) estimated it can complete 20 broadcast station uplifts that will provide wireless broadband services to unserved and underserved Navajo communities. The 20 broadband broadcast stations have been completed and include the cost of equipment, installation, operation, and maintenance to deliver broadband internet services to 20 Navajo communities. To provide broadband services to these communities, NTUA Wireless deployed the following technologies: 600 MHz and Fixed Wireless Broadband (EBS/2.5GHz). The projects are designed to deliver 100 Mbps download and 20 Mbps upload speeds (scalable to 100Mbps download/upload) for users that are within a 3-mile radius of the EBS and CBRS sites assuming no interference with topography.

For users within 9 miles with line of site to the tower with CBRS and EBS mid-band spectrum, the projects also leverage and overlay 600 MHz licensed spectrum on the sites to provide additional reach to homes beyond 9 miles (up to approximately 15 miles with speeds of 10 Mbps/1Mbps or higher). All three technologies, EBS, CBRS, and 600 MHz licensed spectrum, work in conjunction to maximize the range and speed for customers. NTUA prepared a modification with the passage of Navajo Nation legislation CD-5424. The modification package was submitted and approved in accordance with the new legislation. The new package modified the deployment of fixed wireless equipment for 8 tower sites. Table below shows the sites and the project status.

Refers to the breakdown of completed and pending projects on the next page

	Choice NTUA Wireless Broadband Last Mile Projects Stage	Status
1	Engineering Design Stage	0
2	Right-of-Way Stage	0
3	Procurement Stage	0
4	Released for Construction	0
5	Testing and Commissioning Stage	0
6	Constructed and In Service Stage	20
	Total – Goal Met	**20**

	NN Council Delegate	Chapter/State	Project Description	Status	Total Projects
1	**Hon. Shaandiin Parrish**	Kayenta, AZ	**Marsh Pass West- WISP Overlay**	Complete	1
2	**Hon. Danny Simpson**	Nageezi, NM	**Ojo Encino - WISP Overlay**	Complete	1
3	**Hon. Otto Tso**	Tuba City, AZ	**Tuba City East - WISP Overlay**	Complete	1
4	**Hon. Otto Tso**	Tuba City, AZ	**Tuba City North - WISP Overlay**	Complete	1
5	**Hon. Helena Nez- Begay**	Lechee, AZ	**Oljato - WISP Overlay**	Completed	1
6	**Hon. Herman. M. Daniels**	Navajo Mountain, AZ	**Navajo Mountain - WISP Overlay**	Completed	1
7	**Hon. Carl. R. Slater**	Rough Rock, AZ	**Rough Rock - WISP Overlay**	Completed	1
8	**Hon. Helena Nez- Begay**	Oljato, UT	**Monument Valley Campground - WISP Overlay**	Completed	1
9	**Hon. Danny Simpson**	Shonto, AZ	**Shonto - WISP Overlay**	Completed	1
10	**Hon. Nathan Notah**	Dilkon, AZ	**Dilkon - WISP Overlay**	Completed	1
11	**Hon. George Tolth**	Torreon, NM	**Torreon - WISP Overlay**	Completed	1
12	**Hon. Curtis Yanito**	Aneth, UT	**Aneth - WISP Overlay**	Completed	1
13	**Hon. Casey Allen Johnson**	Cameron, AZ	**Gray Mountain - WISP Overlay**	Completed	1
14	**Hon. Crystalyne Curley**	Low Mountain, AZ	**Burnside - WISP Overlay**	Completed	1
15	**Hon. Crystalyne Curley**	Low Mountain, AZ	**Jeedeez'ah - WISP Overlay**	Completed	1
16	**Hon. Casey Allen Johnson**	Tolani Lake, AZ	**Tolani Lake - WISP Overlay**	Completed	1
17	**Hon. Germaine Simonson**	Hard Rock, AZ	**Hard Rock - WISP Overlay**	Completed	1
18	**Hon. Vince James**	Steamboat West, AZ	**Steamboat West - WISP Overlay**	Completed	1
19	**Hon. Danny Simpson**	Crownpoint, NM	**Crownpoint- WISP Overlay**	Completed	1
20	**Hon. Cherilyn Yazzie**	Teesto, AZ	**Teesto WISP - WISP Overlay**	Completed	1
				Total – Goal Met	**20**

5.21 BROADBAND: OTHER PROJECTS

The Navajo Nation approved NNFRF for NTUA's refunded Defunded Navajo Nation CARES Act middle mile projects completing middle-mile infrastructure to enable internet connectivity in communities. The original project scope provided funding to complete nine (9) middle-mile projects. NTUA completed the original nine (9) projects and saved enough money to have 8 additional projects added to the original project scope.

NTUA now estimates that it will only be able to complete 16 of the 17 projects before it exhausts all of these funds. With this funding and the approval for new projects, NTUA estimates it can complete sixteen (16) middle mile projects, which include one new tower, nine fiber lines, and six fiber line make-ready projects. The fiber lines provide transport for the NTUA Wireless broadcast stations, enabling them to provide wireless broadband services.

The towers and associated microwave links as well as the fiber optic lines will provide transport at gigabit speeds which meet and exceed the 100 Mbps download 0 and 100 Mbps upload speeds that are required by the U.S. Department of Treasury.

Without the middle mile projects, the last mile projects for users cannot work. NTUA's 6 fiber line make-ready projects will upgrade the electrical infrastructure to enable fiber line attachments which provides broadband services. **16 of the 17 projects have been completed.**

NTUA is currently developing a request to modify the scope of work to remove one fiber optic line project (Fiber to Na Ha Tee Tower). The fiber build out to Na Ha Tee Mesa shall be removed due to time and funding constraints. The infrastructure required to deploy fiber optic cable to Na Ha Tee Mesa requires extensive electric make ready work to ensure the poles are up to the codes and standards of the Rural Utility Service and National Electricity Safety Codes.

In addition to the infrastructure challenge, NTUA has encountered over 200 (BIA) Indian Allotments along the route. Although NTUA cannot complete the fiber build to Na Ha Tee Mesa within the perimeters of the grant timeline, NTUA continues to work with the allottees and looks forward to expanding broadband to the Na Ha Tee Mesa community. Furthermore, NTUA is working internally on the documents required to obtain the archaeological and biological compliance authorizations.

NTUA Broadband Middle Mile Projects Stage	Status
Engineering Design Stage	0
Right-of-Way Stage	1
Procurement Stage	0
Released for Construction Stage	0
Testing & Commissioning Stage	0
Constructed and in-Service Stage	**16 (Completed)**
Total	**17**

Note: With the pending of the fiber build to Na Ha Tee Mesa project, the total number of projects may be reduced to 16. Refer to the breakdown of completed and pending projects below:

NN Council Delegate	Chapter/State	Project Description	Status	Total Projects
Hon. Cherilyn Yazzie	Whitecone, AZ	Fiber build to Na Ha Tee Mesa Tower	**On Hold**	**1**
Hon. Dr. Andy Nez	Sawmill, AZ	Fiber build to Piney Hill NTUA Tower	**Completed**	**1**
Hon. Otto Tso	Tuba City, AZ	Fiber build to Tuba City North Tower	**Completed**	**1**
Hon. Nathan Notah	Dezza Bluff (Tohatchi), NM	Fiber to Dezza Bluff Tower	**Completed**	**1**
Hon Crystalyne Curley	Nazlini, AZ	NAZLINI COMM. SCHOOL MAKE- READY	**Completed**	**1**
Hon. Carl Slater	Rough Rock, AZ	Fiber build to Rough Rock community	**Completed**	**1**
Hon. Shaandiin Parrish	Kayenta, AZ	KAYENTA NORTH FIBER MAKE-READY	**Completed**	**1**
Hon. Shaandiin Parrish	Kayenta, AZ	KY TOWNSITE SUB TO JUNCT. 3PH UPG	**Completed**	**1**
Hon. Amber Kanazbah Crotty	Gadii'ahi/To'Koi (Cudeii), NM	CUDEI TO TEECNOSPOS MAKE-READY	**Completed**	**1**
Hon. Herman Daniels	Shonto, AZ	SHONTO TO NAATSISAAN SCHOOL MAKE- READY SEGMENT 1, 2, AND 3	**Completed**	**1**
Hon. Carl Slater	Rough Rock, AZ	ROUGH ROCK COMM. SCHOOL MAKE- READY	**Completed**	**1**
Hon. Herman Daniels Jr. / Hon. Shaandiin Parrish	Kayenta/Shonto/ Tsah Bii Kin, AZ	Fiber Build to Black Mesa NTUA Tower and Zelnez Mesa NTUA Tower	**Completed**	**1**
Hon. Herman Daniels Jr.	Monument Valley, AZ	Fiber to Monument Valley Schools	**Completed**	**1**
Hon. Casey Allen Johnson	Leupp, AZ	Fiber to Leupp Tower	**Completed**	**1**
Hon. Casey Allen Johnson	Tolani Lake, AZ	Fiber build to Tolani Lake Tower	**Completed**	**1**
Hon. Crystalyne Curley	Low Mountain South, AZ	Jedeezah – New Tower	**Completed**	**1**
Hon. Helena Nez Begay	Lechee, AZ	Internet Distribution - Fiber Build LeChee Meet Point to LeChee Tower	**Completed**	**1**
			Total	**17**