

# Meeting the Needs of the Navajo Nation



NTUA Update of Navajo Nation Fiscal Recovery Funds (NNFRF)  
American Rescue Plan Act 2021 & Refunded Defunded CARES Act Projects

## NTUA Defunded Projects Update #16 – Status of Utility Projects as of September 7, 2023

This document reports on the progress of the refunded Defunded Navajo Nation CARES Act Projects. 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.

## [NTUA NNFRF Project Utility Construction Update #16](#) **Data as of September 7, 2023**

### **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 two sections: NTUA electric connections and off-grid residential solar units.

#### **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, 337 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-29-22. 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.

**Table 1: NTUA Electric Connections: Staging of 404 Homes**

	DCA Community Powerline Projects	DCA Short Line Extensions	DCA Total
1. Preliminary	1	0	1
2. Engineering	0	0	0
3. In ROW	0	12	12
4. ROWS Approved	2	30	32
5. Release for Construction	0	1	1
6. Construction Complete & In Service	48	289	337
Total	<b>51</b>	<b>332</b>	<b>383</b>

**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.

**Off-Grid Residential Solar Units:**

With the funds designated for the off-grid residential solar projects, NTUA estimates it can fund the installation of 150 off-grid solar systems and 425 electric grid connections to Navajo homes. The 150 off-grid residential solar systems comprise 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 selected Industrial Solar Consulting, out of Gilbert, AZ to manufacture and install these solar units. NTUA has completed the installation of the 150 solar units. See table at the end of the document for a Chapter specific table.

**Table 2: 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	150
<b>Total</b>		<b>150</b>

Table 2:

**Off-Grid Residential Solar Units: Staging of 425 Homes Connected to Electric Grid**

The off-grid solar plan also includes funding to extend power from the existing distribution system to connect 425 Navajo family homes. This plan also includes funding, as needed, to complete the interior house wiring, pole mounted meter loops, certification and recertification of house wiring, and inspections. Usually, these costs are the responsibility of the homeowner, but now that these costs are covered the residents no longer have to 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.

**Table 3: Off-Grid Residential Solar Units: Staging of 425 Homes Connected to Electric Grid Defunded CARES Act (DCA) – Neighboring Utilities Connection Staging**

Electric Connections Stage (425)		Status
1	Completed Applications	0
2	Projects that are in the Engineering Stage	9
3	Projects that are at the Right-of-Way Stage	3
4	Projects with Approved Right of Way	10
5	Projects that are in Construction	6
6	Projects that are Constructed and In Service	95
<b>Proposed DCA Neighboring Utility Projects Total</b>		<b>123</b>

NTUA is working with APS, CDEC, and JMEC on several projects in each of their service territories to connect customers to the electric grid. See tables below. To date, 95 homes have been connected to the Grid by neighboring utilities.

### Arizona Public Service Customers (APS)

Project Stages		Total No. of Projects
1	Completed Applications	0
2	Projects that are in the Engineering Stage	0
3	Projects that are at the ROW Stage	3
4	Projects with Approved ROW	2
5	Projects that are in Construction	0
6	Projects that are Constructed and In Service	4
<b>Proposed DCA Neighboring Utility (APS) Projects</b>		<b>Total</b>
		<b>9</b>

### Continental Divide Electric Cooperative (CDEC) – New Mexico

		Total No. of Projects
1	Completed Applications	0
2	Projects that are in the Engineering Stage	6
3	Projects that are at the ROW Stage	0
4	Projects with Approved ROW	8
5	Projects that are in Construction	0
6	Projects that are Constructed and In Service	58
<b>Proposed DCA Neighboring Utility (CDEC) Projects</b>		<b>Total</b>
		<b>72</b>

### Jemez Mountains Electric Cooperative (JMEC) – New Mexico

		Total No. of Projects
1	Completed Applications	0
2	Projects that are in the Engineering Stage	3
3	Projects that are at the ROW Stage	0
4	Projects with Approved ROW	0
5	Projects that are in Construction	6
6	Projects that are Constructed and In Service	33
<b>Proposed DCA Neighboring Utility (JMEC) Projects</b>		<b>Total</b>
		<b>42</b>

## **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 estimates 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 Lift Station was completed and is in service as of September 6, 2023.

**Table 4: NTUA Centralized W/W Collection and Conveyance System Projects Stage**

Projects Stage		Status
1	Design and Engineering	8
2	Right of Way	0
3	In Procurement Process	0
4	Release Construction	0
5	Construction Complete and InService	1
<b>Total</b>		<b>9</b>

**Table 4** provides a status update of the 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.

## **5.3 CLEAN WATER: DECENTRALIZED WASTEWATER and 5.15–DRINKING WATER: OTHER WATER INFRASTRUCTURE**

The Navajo Nation authorized NNFRF for NTUA’s Defunded Navajo Nation CARES Act decentralized wastewater projects. With this funding, project projections indicate NTUA can complete (78) septic disposal system projects connected to homes located on the Navajo Nation that are located too far from a centralized wastewater collection system for economical connection.

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 water cistern system connection to the home.

NTUA will move forward with project engineering development. To advance these projects to the construction phase, NTUA will need to receive funds from the NNFRF. Once NTUA has exhausted all the funds in expenditure category 5.3, all remaining unfinished projects will be eligible to be moved to a future funding source.

This chart shows the projects which have been completed and the Chapter where they were installed.

Delegate	Chapter	Completed
Hon. Brenda Jesus	St. Michaels	1
Hon. Carl R. Slater	Rock Point	1
Hon. Carl R. Slater	Round Rock	2
Hon. Carl R. Slater	Tsaile	1
Hon. Casey Allen Johnson	Bird Springs	5
Hon. Casey Allen Johnson	Leupp	2
Hon. Cherilyn Yazzie	Dilkon	1
Hon. Cherilyn Yazzie	Greasewood Springs	2
Hon. Cherilyn Yazzie	Indian Wells	1
Hon. Cherilyn Yazzie	White Cone	0
Hon. Germaine Simonson	Black Mesa	0
Hon. Germaine Simonson	Forest Lake	2
Hon. Herman M. Daniels	Oljato	2
Hon. Herman M. Daniels	Shonto	0
Hon. Lomardo Aseret	Klagetoh	2
Hon. Lomardo Aseret	Houck	1
Hon. Lomardo Aseret	Wide Ruins	4
Hon. Nathan Notah	Naschitti	1
Hon. Otto Tso	Tuba City	1
Hon. Seth Damon	Chilchiltah	1
Hon. Shaandiin Parrish	Chilchinbeto	2
Hon. Shaandiin Parrish	Kayenta	2
Hon. Steven R. Arviso	Iyanbito	0
Hon. Vince R. James	Ganado	2
Hon. Vince R. James	Kinlichee	2
<b>Totals</b>		<b>39</b>

**Table 5: Septic Systems Referral Stage:** The table shows more projects being processed than the 78 that were funded. NTUA continues to leverage other funding sources to complete more projects. NTUA has received funding to complete 46 projects using Indian Community Development Block Grant funding (CDBG). However, the remaining projects still require funding.

## **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 estimates it can complete 16 transmission and distribution projects.

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

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

<b>Stage of NTUA Drinking Water: Transmission and Distribution Projects</b>		<b>Status</b>
1	Design and Engineering	0
2	Right-of-Way	0
3	In Procurement Process	6
4	Release Construction	0
5	Construction Complete and In-Service	10
<b>Total</b>		<b>16</b>

**Table 6:** Of these 16 projects, NTUA has completed the construction of 10 projects.

## **5.14 DRINKING WATER STORAGE**

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 by the Navajo Nation to use the savings from the two completed projects to fund the rehabilitation of two additional water tanks. NTUA is moving forward to rehabilitate the two water storage tanks in Casamero Lake and Smith Lake, both are in New Mexico.

## **5.19 BROADBAND – LAST MILE PROJECTS**

The Navajo Nation approved NNFRF for NTUA’s refunded Defunded Navajo Nation CARES Act Projects related to last mile broadband projects. With this funding NTUA estimates it can complete 20 broadcast station uplifts that will provide wireless broadband services to unserved and underserved Navajo communities and will provide 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.

The 20 broadband broadcast station projects will include the cost of equipment, installation, operation, and maintenance to deliver broadband internet services to 20 Navajo communities. To provide broadband services to these Navajo communities, NTUA Wireless will deploy 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 100 Mbps 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 are 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 has submitted a request to modify the deployment of fixed wireless equipment for 8 tower sites. However, the request has not been approved.

**Table 8:**

NTUA Broadband Last Mile Projects Stage		Status
1	Engineering Design Stage	0
2	Right-of-Way Stage	0
3	Procurement Stage	20
4	Released for Construction Stage	0
5	Testing and Commissioning Stage	0
6	Constructed and In Service Stage	41
<b>Total</b>		<b>61</b>

## **5.20 BROADBAND: OTHER PROJECTS**

The Navajo Nation approved NNFRF for NTUA’s refunded Defunded Navajo Nation CARES Act middle mile projects completing mid-section infrastructure to enable internet connectivity in communities. With this funding NTUA estimates it can complete 10 middle mile projects, which include 2 towers, 2 fiber lines, and 6 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 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. Of these 10 projects, NTUA has completed the construction of 7 projects.

There are 3 projects in the development stage. NTUA is currently in the process of obtaining leases from the Navajo Land Department. Once the leases are finalized, NTUA can begin construction of the towers. Furthermore, NTUA anticipates cost savings from the make ready construction projects and shall construct additional fiber and tower projects as requested.

NTUA has submitted a request to modify the scope of work to add 6 additional fiber optic line projects. In addition, the tower built in Low Mountain will be removed because NTUA has received federal grant funds for that project.

**Table 9: Broadband**

NTUA Broadband Middle Mile Projects Stage		Status
1	Engineering Design Stage	0
2	Right-of-Way Stage	4
3	Procurement Stage	0
4	Released for Construction Stage	0
5	Testing and Commissioning Stage	0
6	Constructed and In-Service Stage	6
<b>Total</b>		<b>10</b>





Legislation CJY-41-21 Section 6 & OPVP Guidance for CJY-41-21

2.18 Housing Support: Other Housing Assistance

Delegate	Chapter	Count of No. of Families
<b>Honorable Delegate Amber Kanazbah Crotty</b>	Cove	3
	Cudeii (Gadii ahi/To' Koi)	1
	Red Valley	3
	Sanostee (Tse Alnaozt'ii)	3
	Two Grey Hills/Toadlena	1
<b>Delegate Crotty Total</b>		<b>11</b>
<b>Honorable Delegate Dr. Andy Nez</b>	Crystal	1
	Fort Defiance	3
	Sawmill	7
<b>Delegate Dr. Nez Total</b>		<b>11</b>
<b>Honorable Delegate Brenda Jesus</b>	St. Michaels	12
<b>Delegate Jesus Total</b>		<b>12</b>
<b>Honorable Delegate Carl Roessel Slater</b>	Lukachukai	11
	Rock Point	4
	Rough Rock (Tse Ch' Izhi)	4
	Round Rock	6
	Tsaile-Wheatfields	14
<b>Delegate Slater Total</b>		<b>39</b>
<b>Honorable Delegate Casey Allen Johnson</b>	Birdsprings (Tsidii To'ii)	1
	Coalmine Canyon	1
	Leupp	2
	Tolani Lake	1
<b>Delegate Johnson Total</b>		<b>5</b>
<b>Honorable Delegate Cherilyn Yazzie</b>	Dilkon	5
	Greasewood Springs	1
	Indian Wells	2
	Teesto	3
<b>Delegate Yazzie Total</b>		<b>11</b>
<b>Honorable Madam Speaker Crystalyne Curley</b>	Blue Gap-Tachee	8
	Low Mountain	2
	Many Farms	9
	Nazlini	6
	Tselani-Cottonwood	13
<b>Speaker Curley Total</b>		<b>38</b>

**Legislation CJY-41-21 Section 6 & OPVP Guidance for CJY-41-21**

**2.18 Housing Support: Other Housing Assistance**

<b>Honorable Delegate Curtis Yanito</b>	Aneth	9
	Mexican Water	5
	Red Mesa	12
	Tecnospos	7
	To'likan (Sweetwater)	1
<b>Delegate Yanito Total</b>		<b>34</b>
<b>Honorable Delegate Danny Simpson</b>	Nahodishgish	2
	Standing Rock (Tse'li'Ahi')	1
<b>Delegate Simpson Total</b>		<b>3</b>
<b>Honorable Delegate Eugenia Charles-Newton</b>	Shiprock	14
<b>Delegate Charles-Newton Total</b>		<b>14</b>
<b>Honorable Delegate Germaine Simonson</b>	Hardrock	1
	Pinon	7
	Whippoorwill	3
<b>Delegate Simonson Total</b>		<b>11</b>
<b>Honorable Delegate Helena Nez Begay</b>	Bodaway-Gap	1
	Coppermine	4
	Kaibeto (Kai' Bii To)	2
	LeChee	1
	Tonalea/Red Lake	12
<b>Delegate Nez Begay Total</b>		<b>20</b>
<b>Honorable Delegate Herman Daniels Jr.</b>	Inscription Hse (Ts'ah Bii Kin)	3
	Navajo Mountain	4
	Oljato	5
	Shonto	23
<b>Delegate Daniels Jr. Total</b>		<b>35</b>
<b>Honorable Delegate Lomardo Aseret</b>	Houck	2
	Klagetoh	1
	Lupton (Tse Si Ani)	2
	Nahata Dziil	3
	Wide Ruins	5
<b>Delegate Aseret Total</b>		<b>13</b>

Legislation CJY-41-21 Section 6 & OPVP Guidance for CJY-41-21

2.18 Housing Support: Other Housing Assistance

<b>Honorable Delegate Nathan Notah</b>	Coyote Canyon	4
	Mexican Springs	1
	Naschitti	4
	Tohatchi	2
	Twin Lakes (Bahastl' ah')	9
<b>Delegate Notah Total</b>		<b>20</b>
<b>Honorable Delegate Otto Tso</b>	Tuba City (To' Nanees' Dizi')	5
<b>Delegate Tso Total</b>		<b>5</b>
<b>Honorable Delegate Rickie Nez</b>	Burnham (T'iis Toh Sikaad)	1
	Hogback (Tse'Daa Kaan)	2
	Upper Fruitland	4
<b>Delegate Nez Total</b>		<b>7</b>
<b>Honorable Delegate Shaandiin Parrish</b>	Dennehotso	5
	Kayenta	8
<b>Delegate Parrish Total</b>		<b>13</b>
<b>Honorable Delegate Shawna Ann Claw</b>	Chinle	21
<b>Delegate Claw Total</b>		<b>21</b>
<b>Honorable Delegate Vince R. James</b>	Cornfields	3
	Ganado	2
	Jeddito	2
	Kinlichee (Kin Dah Lichii)	4
	Steamboat	3
<b>Delegate James Total</b>		<b>14</b>
<b>Grand Total</b>		<b>337</b>

The table above shows completed projects only.

**2.18 Housing Support: Other Housing Assistance**

<b>Council Delegate Region</b>	<b>Utility Provider</b>	<b>Chapter</b>	<b>Completed</b>
Hon. Otto Tso	APS	Tuba City	4
Hon. George H. Tolth	CDEC	Baca/Prewitt	2
Hon. Danny Simpson	CDEC	Becenti	1
Hon. Seth Damon	CDEC	Breadsprings	2
Hon. Seth Damon	CDEC	Chichiltah	5
Hon. Steven R. Arviso	CDEC	Churchrock	6
Hon. Danny Simpson	CDEC	Crownpoint	1
Hon. Steven R. Arviso	CDEC	Iyanbito	2
Hon. Seth Damon	CDEC	Manuelito	9
Hon. Steven R. Arviso	CDEC	Mariano Lake	3
Hon. Steven R. Arviso	CDEC	Pinedale	2
Hon. Norman M. Begay	CDEC	Ramah	5
Hon. Seth Damon	CDEC	Red Rock	3
Hon. Seth Damon	CDEC	Rock Springs	5
Hon. Steven R. Arviso	CDEC	Smithlake	2
Hon. Steven R. Arviso	CDEC	Thoreau	2
Hon. Seth Damon	CDEC	Tsayatoh	7
Hon. George H. Tolth	CDEC	Whitehorse	1
Hon. George H. Tolth	JEMEZ MTN	Counselor	6
Hon. Danny Simpson	JEMEZ MTN	Huerfano	2
Hon. Danny Simpson	JEMEZ MTN	Lake Valley	2
Hon. Danny Simpson	JEMEZ MTN	Nageezi	9
Hon. George H. Tolth	JEMEZ MTN	Ojo Encino	3
Hon. George H. Tolth	JEMEZ MTN	Pueblo Pintado	4
Hon. George H. Tolth	JEMEZ MTN	Torreon/Star Lake	7
<b>Total</b>			<b>95</b>

**The table above shows completed projects only.**

Legislation CJY-41-21 Section 6 & OPVP Guidance for CJY-41-21

2.18 Housing Support: Other Housing Assistance

Council Delegate	Chapter	Count of Solar Site Commissioned
Hon. Amber K. Crotty	Red Valley	1
	Sanostee	1
	Sheep Springs	1
<b>Hon. Amber K. Crotty Total</b>		<b>3</b>
Hon. Andy Nez	Sawmill	3
<b>Hon. Andy Nez Total</b>		<b>3</b>
Hon. Brenda Jesus	Oak Springs	1
	St. Michaels	4
<b>Hon. Brenda Jesus Total</b>		<b>5</b>
Hon. Carl Slater	Round Rock	1
	Tsaile	2
<b>Hon. Carl Slater Total</b>		<b>3</b>
Hon. Casey Allen Johnson	Cameron	13
	Leupp	3
<b>Hon. Casey Allen Johnson Total</b>		<b>16</b>
Hon. Crystalyne Curley	Blue Gap	1
	Cottonwood	8
	Low Mountain	5
	Many Farms	1
	Nazlini	2
	Pinon	1
<b>Hon. Crystalyne Curley Total</b>		<b>18</b>
Hon. Danny Simpson	Crownpoint	1
	Nageezi	2
<b>Hon. Danny Simpson Total</b>		<b>3</b>
Hon. George H. Tolth	Baca	2
	Baca	3
	Casamero Lake	1
	Counselor	1
	Ojo Encino	2
	Pueblo Pintado	1
<b>Hon. George H. Tolth Total</b>		<b>10</b>
Hon. Germaine Simonson	Black Mesa	1
<b>Hon. Germaine Simonson Total</b>		<b>1</b>
Hon. Helena Nez Begay	Bodaway Gap	1
	Tonalea	5
<b>Hon. Helena Nez Begay Total</b>		<b>6</b>

Legislation CJY-41-21 Section 6 & OPVP Guidance for CJY-41-21

2.18 Housing Support: Other Housing Assistance

<b>Hon. Herman M. Daniels</b>	Inscription	
	House	1
	Oljato	9
	Shonto	9
<b>Hon. Herman M. Daniels Total</b>		<b>19</b>
<b>Hon. Lomardo Aseret</b>	Houck	1
<b>Hon. Lomardo Aseret Total</b>		<b>1</b>
<b>Hon. Nathan Notah</b>	Mexican Springs	2
	Naschitti	2
	Twin Lakes	4
<b>Hon. Nathan Notah Total</b>		<b>8</b>
<b>Hon. Norman M. Begay</b>	Ramah	1
<b>Hon. Norman M. Begay Total</b>		<b>1</b>
<b>Hon. Otto Tso</b>	Tuba City	4
<b>Hon. Otto Tso Total</b>		<b>4</b>
<b>Hon. Seth Damon</b>	Bread Springs	2
	Chichiltah	2
	Red Rock	3
	Rock Springs	4
	Tseyatoh	1
<b>Hon. Seth Damon Total</b>		<b>12</b>
<b>Hon. Shaandiin Parrish</b>	Chilchinbeto	4
	Dennehotso	2
	Kayenta	11
<b>Hon. Shaandiin Parrish Total</b>		<b>17</b>
<b>Hon. Shawna Ann Claw</b>	Chinle	6
<b>Hon. Shawna Ann Claw Total</b>		<b>6</b>
<b>Hon. Steven R. Arviso</b>	Church Rock	1
	Pinedale	4
	Smith Lake	1
	Thoreau	1
<b>Hon. Steven R. Arviso Total</b>		<b>7</b>
<b>Hon. Vince R. James</b>	Ganado	1
	Kinlichee	4
	Steamboat	2
<b>Hon. Vince R. James Total</b>		<b>7</b>
<b>Grand Total</b>		<b>150</b>

The table above shows completed projects only.

**Legislation CJY-41-21 Section 6 & OPVP Guidance for CJY-41-21**

**2.18 Housing Support: Other Housing Assistance**

Legislation CJY-41-21 Section 6 & OPVP Guidance for CJY-41-21

**5.2 Clean Water: Centralized Wastewater Collection and Conveyance**

Delegate/Region	Chapter	Project Description	Total Projects
Hon. Crystalyne Curley	Many Farms	Many Farms Lift Station Rehab (In Progress)	1
Hon. Helena Nez Begay	Lechee	Lechee Lift Station Rehab	1
Hon. Herman Daniels Jr.	Shonto	Shonto Lift Station Rehab (Completed)	1
Hon. Nathan Notah	Coyote Canyon	Coyote Canyon Lift Station Rehab (In Progress)	1
Hon. Andy Nez	Sawmill	Sawmill Lift Station Rehab (In Progress)	1
Hon. Andy Nez	Navajo	Red Lake Lift Station Rehab (In Progress)	1
Hon. Shawna Ann Claw	Chinle	Chinle Lift Station Rehab (In Progress)	1
Hon. Casey Allen Johnson	Coalmine Canyon	Coalmine Canyon Mesa Lift Station Rehab (In Progress)	1
Hon. Steven Arviso	Iyanbito	Iyanbito Lift Station Rehab (In Progress)	1
<b>Total</b>			<b>9</b>

**The table above shows completed projects only.**

Legislation CJY-41-21 Section 6 & OPVP Guidance for CJY-41-21

5.11 Drinking Water: Transmission and Distribution

Delegate/Region	Chapter	Project Description	Total Projects
Hon. Crystalyne Curley	Low Mountain	Smoke signal – Bore(Completed)	1
Hon. Cherilyn Yazzie	Teesto	Seba Dalkai - Bore(Completed)	1
Hon. Rickie Nez	Upper Fruitland	Upper Fruitland - Bore(Completed)	1
Hon. Lomardo Aseret	Sanders (Nahatahdzil)	Park Estates Phase IV(Completed)	1
Hon. Curtis Yanito	Teec Nos Pos	Teecnospos - PRV Replacements (Completed)	1
Hon. Curtis Yanito	Aneth	Aneth- PRV Replacements (Completed)	1
Hon. Curtis Yanito	Red Mesa	Red Mesa - Bore(Completed)	1
Hon. Brenda Jesus	St. Michael	St. Michael - Bore	1
Hon. Germaine Simonson	Hardrock	Hardrock - Four (4) PRV Replacements	4
Hon. Germaine Simonson	Black Mesa	Kitsillie - Bore(Completed)	1
		<b>Total</b>	<b>13</b>
Hon. Amber Kanazbah Crotty	Sheepsprings	NGWP PP#4, 0.21 MILES 3PHASE LINE (Completed)	1
Hon. Nathan Notah	Coyote Canyon	NGWP PP#7, NEW 3-PHASE LINE (Completed)	1
Hon. Rickie Nez	Tse Daa K'aan (Hogback)	SR EAST HOGBACK TO PUMPING STATION, 3-PH ENERGIZED WORK (Completed)	1
		<b>Total</b>	<b>3</b>



**Legislation CJY-41-21 Section 6 & OPVP Guidance for CJY-41-21**

**5.14 Drinking Water: Storage**

Delegate/Region	Chapter	Project Description	Total Projects
Hon. Helena Nez Begay	Gap/Bodaway	Cedar Ridge Storage Tank Renovation #2 (Completed)	1
Hon. Shaandiin Parrish	Dennehotso	Dennehotso Storage Tank Renovations #3 (Completed)	1
Hon. George Tolth	Casamero Lake	Casamero Lake Storage Tank Renovation (Completed)	1
Hon. Steven Arviso	Smith Lake	Smith Lake Storage Tank Renovation (Completed)	1
		<b>TOTAL</b>	<b>4</b>

**The table above shows completed projects only.**

**Legislation CJY-41-21 Section 6 & OPVP Guidance for CJY-41-21**

**5.19 Broadband: Last Mile**

Delegate Region	Chapter	Project Description	Total Projects
Hon. Cherilyn Yazzie	Indian Wells	Na Ah Tee Mesa - WISP Overlay (Fixed Wireless Broadband (CBRS/3.5GHz &	1
Hon. Shaandiin Parrish	Kayenta	Marsh Pass - WISP Overlay on TBC Sites	1
Hon. Herman. M. Daniels	Navajo Mountain	Navajo Mountain - WISP Overlay on TBC Sites	1
Hon. Carl. R. Slater	Rough Rock	Rough Rock - WISP Overlay	1
Hon. Shaandiin Parrish	Monument Valley	Monument Valley Campground - WISP Overlay	1
Hon. Herman. M. Daniels	Oljato	Oljato - Cob (SBI)(EBS/2.5GHz & 600MHZ)	1
Hon. Lomardo Aseret	Sanders	Sanders - WISP Overlay (Fixed Wireless Broadband (CBRS/3.5GHz & 600MHz)	1
Hon. Helena Nez Begay	Tonalea	Preston Mesa - WISP Overlay (Fixed Wireless Broadband (CBRS)3.5GHz &	1
Hon. Otto Tso	Tuba City	Tuba City North Water Tank - WISP Overlay (Fixed Wireless Broadband	1
Hon. Otto Tso	Tuba City	Tuba City East Water Tank- WISP Overlay (Fixed Wireless Broadband	1
Hon. Curtis Yanito	Aneth	Aneth - WISP Overlay on TCB Sites	1
Hon. Vince James	Cornfields	Cornfields - WISP Overlay	1
Hon. Casey Allen Johnson	Cameron	Gray Mountain - WISP Overlay	1
Hon. Vince James	Seamboat	Steamboat East - WISP Overlay	1
Hon. Crystalyne Curley	Low Mountain	Jeedeez'ah - WISP Overlay	1
Hon. Casey Allen Johnson	Tolani Lake	Tolani Lake - WISP Overlay	1
Hon. Germaine Simonson	Hard Rock	Hard Rock - WISP Overlay	1
Hon. Vince James	Steamboat	Steamboat West- WISP Overlay	1
Hon. Danny Simpson	Crownpoint	Crownpoint - WISP Overlay	1
Hon. Cherilyn Yazzie	Teesto	Teesto WISP - Overlay	1
Navajo Nation	Navajo Nation	Prorated OPEX for new WISP Buildouts/Overlays (Listed Above)	LOT
		<b>TOTAL</b>	<b>20</b>

Project Description	Chapter	Delegate Region	Total Projects
Hon. Cherilyn Yazzie	Dilcon	Dilcon NTUA D.O. Wi-Fi Student Hotspots	1
Hon. Crystalyne Curley	Many Farms	Many Farms Elementary School Wi-Fi Student Hotspots	1
Hon. Helena Nez Begay	Lechee	Lechee Chapter House Wi-Fi Student Hotspots	1
Hon. Helena Nez Begay	Tonalea/Red Lake	Tonalea Chapter House Wi-Fi Student Hotspots	1
Hon. Helena Nez Begay	Coppermine	Coppermine Chapter Hous Wi-Fi Student Hotspotse	1
Hon. Helena Nez Begay	Kaibeto	Kaibeto Chapter House Wi-Fi Student Hotspots	1
Hon. Helena Nez Begay	Bodaway Gap	Bodaway Gap Wi-Fi Student Hotspots	1
Hon. Shaandiin Parrish	Kayenta	Kayenta High School Wi-Fi Student Hotspots	1
Hon. Shaandiin Parrish	Kayenta	Kayenta Elementary School Wi-Fi Student Hotspots	1
Hon. Shaandiin Parrish	Dennehotso	Dennehotso Market Wi-Fi Student Hotspots	1
Hon. Eugenia Charles-Newton	Shiprock	Shiprock Fairgrounds Wi-Fi Student Hotspots	1
Hon. Amber Kanazbah Crotty	Sheep Springs	Sheep Springs Chapter House Wi-Fi Student Hotspots	1
Hon. Amber Kanazbah Crotty	Red Valley	Red Valley Chapter House Wi-Fi Student Hotspots	1
Hon. Danny Simpson	Crownpoint	Navajo Technical University Wi-Fi Student Hotspots	1
Hon. Nathan Notah	Tohatchi	Tohatchi Chapter House Wi-Fi Student Hotspots	1
Hon. Vince James	Ganado	Ganado Middle School Wi-Fi Student Hotspots	1
Hon. Vince James	Ganado	Ganado High School Wi-Fi Student Hotspots	1
Hon. Vince James	Kindalichii	Kin Dah Lichii Wi-Fi Student Hotspots	1
Hon. Crystalyne Curley	Low Mountain	Low Mountain Chapter House Wi-Fi Student Hotspots	1
Hon. Crystalyne Curley	Tachee/Blue Gap	Blue Gap Chapter House Wi-Fi Student Hotspots	1
Hon. Carl Slater	Tsaile/Wheatfields	Tsaile Elementary School Wi-Fi Student Hotspots	1
Hon. Carl Slater	Rock Point	Rock Point Community School Wi-Fi Student Hotspots	1
Hon. Carl Slater	Tsaile/Wheatfields	Dine' College Wi-Fi Student Hotspots	1
Hon. Lomardo Aseret	Houck	Houck Chapter House Wi-Fi Student Hotspots	1
Hon. Andy Nez	Red Lake	DEAP School Wi-Fi Student Hotspots	1
Hon. Andy Nez	Ft. Defiance	Ft. Defiance NTUA HQ Wi-Fi Student Hotspots	1
Hon. Curtis Yanito	Mexican Water	Mexican Water Chapter House Wi-Fi Student Hotspots	1
Hon. Curtis Yanito	Aneth	Aneth Chapter House Wi-Fi Student Hotspots	1
Hon. Shawna Ann Claw	Chinle	Chinle NTUA D.O. Wi-Fi Student Hotspots	1
Hon. Otto Tso	Tuba City	Tuba City Fairgrounds Wi-Fi Student Hotspots	1
Hon. Otto Tso	Tuba City	Tuba City Pavilion Wi-Fi Student Hotspots	1
Hon. Casey Allen Johnson	Cameron	Cameron Elementary School Wi-Fi Student Hotspots	1
Hon. Casey Allen Johnson	Birdsprings	Birdsprings Chapter House Wi-Fi Student Hotspots	1
Hon. Casey Allen Johnson	Coalmine Canyon	Coalmine Canyon Chapter House Wi-Fi Student Hotspots	1
Hon. Casey Allen Johnson	Birdsprings	Little Singer Community School Wi-Fi Student Hotspots	1
Hon. Casey Allen Johnson	Leupp	Leupp Chapter House Wi-Fi Student Hotspots	1
Hon. Brenda Jesus	St. Michaels	Window Rock Fairgrounds Wi-Fi Student Hotspots	1
Hon. Brenda Jesus	Oak Springs	Oak Springs Wi-Fi Student Hotspots	1
Hon. Germaine Simonson	Pinon	Pinon Chapter House Wi-Fi Student Hotspots	1
Hon. Germaine Simonson	Forest Lake	Forest Lake Chapter House Wi-Fi Student Hotspots	1
Hon. Germaine Simonson	Hard Rock	Hard Rock Chapter House Wi-Fi Student Hotspots	1
		<b>Total</b>	<b>41</b>
		<b>GRAND TOTAL</b>	<b>61</b>

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5.20 Broadband: Other Projects

Delegate Region	Chapter	Project Description	Total
Hon. Crystalyne Curley	Low Mountain	Low Mountain South - New Communications Tower (In Progress)	1
Hon. Crystalyne Curley	Low Mountain	Jeedeez'ah - New Communications Tower*(In Progress)	1
Hon. Helena Nez Begay	Lechee	Internet Distribution - Fiber Build Lechee Meet Point to Lechee Tower (In Progress)	1
Hon. Herman Daniels Jr./Hon. Shaandiin Parrish	Kayenta/Shonto/Tsah Bii Kin	Fiber Build to Black Mesa NTUA Tower and Zelnez Mesa NTUA Tower (In Progress)	1
<b>TOTAL</b>			<b>4</b>
<b>Other Projects</b>			
Hon Crystalyne Curley	Nazlini	NAZLINI COMM. SCHOOL MAKE-READY (Completed)	1
Hon. Shaandiin Parrish	Kayenta	KAYENTA NORTH FIBER MAKE-READY SEGMENT 2 (Completed)	1
Hon. Shaandiin Parrish	Kayenta	KY TOWNSITE SUB TO JUNCT. 3PH UPG (Completed)	1
Hon. Amber Kanazbah Crotty	Gadii'ahi/To'Koi (Cudeii)	CUDEI TO TEECNOSPOS MAKE-READY SEG. 2 (Completed)	1
Hon. Herman Daniels	Shonto	SHONTO TO NAATSISAAN SCHOOL MAKE-READY SEGMENT 1, 2, AND 3 (Completed)	1
Hon. Carl Slater	Rough Rock	ROUGH ROCK COMM. SCHOOL MAKE-READY SEG2 (Completed)	1
<b>TOTAL</b>			<b>6</b>
<p>* This tower will be replaced because NTUA was able to secure other funding for this tower build. As a result, another tower will replace it providing services to an unserved community.</p>			