

**QUARTERLY PERFORMANCE PROGRESS REPORT FOR BROADBAND INFRASTRUCTURE PROJECTS**

**General Information**

<b>1. Federal Agency and Organizational Element to Which Report is Submitted</b>  Department of Commerce, National Telecommunications and Information Administration	<b>2. Award Identification Number</b>  NT10BIX5570055	<b>3. DUNS Number</b>  800021990
--	---	--

**4. Recipient Organization**

Navajo Tribal Utility Authority Company Highway 12 N, Fort Defiance, AZ 86504

<b>5. Current Reporting Period End Date (MM/DD/YYYY)</b>  06-30-2013	<b>6. Is this the last Report of the Award Period?</b>  <input type="radio"/> Yes <input checked="" type="radio"/> No
--	---

**7. Certification:** I certify to the best of my knowledge and belief that this report is correct and complete for performance of activities for the purposes set forth in the award documents.

<b>7a. Typed or Printed Name and Title of Certifying Official</b>  Lester Lee	<b>7c. Telephone (area code, number and extension)</b>  X
	<b>7d. Email Address</b>  lesterl@ntua.com

<b>7b. Signature of Certifying Official</b>  Submitted Electronically	<b>7e. Date Report Submitted (MM/DD/YYYY):</b>  08-13-2013
---	--

**Project Indicators (This Quarter)**

**1. Please describe significant project accomplishments completed during this quarter (600 words or less).**

1. NTUA has completed 100% of the tower construction.
2. NTUA has installed and tested a total of 42 out of 48 microwave links equating to 88% completion. The total point to point microwave miles completed is 674.57 out of 774.99 equating to 87% complete. The remaining links are in progress. NTUA anticipates completion of all microwave links within the next quarter.
3. NTUA has installed 40 of the 43 LTE sites equating to 93% completion. The remaining sites will be installed within the next quarter. All LTE sites will be tested and commercial ready by end of August 2013.
4. Nine (9) CAI connections were completed during the quarter for a total of 47 out of 50 Community Anchor Institutions (CAI) complete equating to 94% completion. The remaining three CAIs (Tolani Lake, Hard Rock, Kaibeto) will be complete within the next quarter.

**2. Please provide the percent complete for the following key milestones in your project. Write "0" in the Percent Complete column and "N/A" in the Narrative column if your project does not include this activity. If you provided additional milestones in your baseline plan, please insert them at the bottom of the table. Unless otherwise indicated in the instructions, figures should be reported cumulatively from award inception to the end of the most recent reporting quarter. Please provide a narrative description if the percent complete is different from the target provided in your baseline plan (300 words or less).**

	Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or subsequent written updates provided to your program officer)
2a.	Overall Project	98	NTUA has experienced various circumstances that have caused delays throughout the project. The most significant factor causing delays this quarter is weather. NTUA has faced severe weather conditions throughout the quarter including high winds and dust storms. The high winds have made microwave and LTE installations on towers hazardous and additional time consuming safety precautions have been put in place to mitigate any chance of accidents. NTUA is on schedule to complete the project including all construction and associated testing and commissioning prior to the end of the next quarter.
2b.	Environmental Assessment	100	No Variance
2c.	Network Design	100	No Variance
2d.	Rights of Way	100	No Variance
2e.	Construction Permits and Other Approvals	100	No Variance
2f.	Site Preparation	100	No Variance
2g.	Equipment Procurement	100	No Variance
2h.	Network Build (all components - owned, leased, IRU, etc)	100	No Variance
2i.	Equipment Deployment	98	Variance is due to previous delays in obtaining additional switching gear for the microwave protection rings and integration of the various electronics components including fiber optics, microwave, and 4G LTE equipment. NTUA has received the additional equipment required and is in the process of installation.
2j.	Network Testing	98	Variance in network testing is due to delays in overall network build. NTUA anticipates completion of all testing within the next quarter.
2k.	Other (please specify):		

**3. To the extent not covered above, please describe any challenges or issues faced during this past quarter in achieving planned progress against the project milestones listed above. In particular, please identify any areas or issues where technical assistance from the BTOP program may be useful (600 words or less).**

Challenges faced during the past quarter include the following.

1. Weather related issues.
2. Vendor coordination and scheduling issues
3. Delays in procuring electronics. With respect to the delays in obtaining electronics, NTUA has procured all the required gear to complete the project.

**4. Please report the following information regarding network build progress. Write "0" in the Total column and "N/A" in the Narrative column if your project does not include this activity. Unless otherwise indicated in the instructions, figures should be reported cumulatively**

from award inception to the end of the most recent reporting quarter. Please provide a narrative description if the total is different from the target provided in your baseline plan (600 words or less).

Indicator	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
New network miles deployed	1,245	Total number of fiber optic network miles deployed is 570 which completes the fiber optic construction. Total number of point to point microwave miles completed is 674.57 out of 774.99.
New network miles leased	171	No Variance
Existing network miles upgraded	0	No Variance
Existing network miles leased	0	No Variance
Number of miles of new fiber (aerial or underground)	570	No Variance
Number of new wireless links	42	Variance is due to previous delays in tower construction and vendor scheduling. NTUA anticipates completion of all microwave links within the next quarter.
Number of new towers	32	No Variance
Number of new and/or upgraded interconnection points	0	No Variance

For questions 5 and 6 please include information relating to agreements that you are negotiating or have entered into, or that your sub recipient, contractor or subcontractor is negotiating or entered into.

5a. If applicable, please provide the following information with regard to agreements with broadband wholesalers and/or last mile providers as a result of your project.

Indicators	
Number of signed agreements with broadband wholesalers or last mile providers	4
Number of agreements currently being negotiated with broadband wholesalers or last mile providers	2
Average term of signed agreements (in quarters)	4

5b. Please list the names of the wholesale and last mile providers with whom you have signed agreements (100 words or less). Providers:

1. NTUA Wireless LLC - As the grant sub-recipient, NTUA Wireless will be working on the wireless services.
2. NTUA has signed an agreement to provide the Navajo Nation dark fibers. The agreement will be for the life of the fiber optic plant. NTUA anticipates the fiber optic plant to span 20-30 years without replacement.
3. Cellular One - NTUA has an agreement with Cellular One to lease tower space for five years.
4. Conterra Ultra - NTUA has an agreement with Conterra Ultra to lease tower space for five years.

5c. What wholesale services are being provided by this project? Please describe below. As an attachment to this report, please provide pricing plans (in \$ per month) associated with each wholesale service provided by your product (100 words or less). Wholesale services description:

NTUA has finalized their Broadband Rate Study to determine wholesale services and associated pricing. The rate study covers bandwidth pricing for dark fibers, dedicated internet access (DIA), point to point services, and transport services from their Data Center to a point of presence in Albuquerque. To validate the findings of the rate study, NTUA has hired an independent party to develop a financial pro forma and a sustainability plan.

5d. If you have designated a third party to operate all or a portion of your network, please provide the name and contact information for this third party, indicate if this entity is a sub recipient, contractor, and/or subcontractor, and describe with specificity the portion of your network this this third party operates (600 words or less).

Type of Entity: Sub-recipient  
CO: Michael Scully  
Address: NTUA Wireless LLC  
P.O. Box 1947  
Chinle, AZ 86503

6. Please provide the data according to the type of subscriber. Write "0" in the Total column and "N/A" in the Narrative column if your project does not pass or serve a particular subscriber type. Unless otherwise indicated in the instructions, figures should be reported cumulatively from award inception to the end of the most recent reporting quarter. Please provide a narrative description if the total is different from the target provided in your baseline plan (300 words or less).

Subscriber Type	Access Type	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)

Subscriber Type	Access Type	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
<b>Broadband Wholesalers or Last Mile Providers</b>	Providers with signed agreements receiving new access	3	Variance is due to delays in contract negotiations between parties.
	Providers with signed agreements receiving improved access	0	No Variance
	Providers with signed agreements receiving access to dark fiber	1	No Variance
	Please identify the speed tiers that are available and the number of subscribers for each	0	Refer to Attachment A for speed tiers.
<b>Community Anchor Institutions (including Government institutions)</b>	Total subscribers served	47	Variance is due to previous delays in tower and microwave link construction. All CAIs will be connected within the next quarter.
	Subscribers receiving new access	47	Variance is due to previous delays in tower and microwave link construction. All CAIs will be connected within the next quarter.
	Subscribers receiving improved access	0	No Variance
	Please identify the speed tiers that are available and the number of subscribers for each	0	Please refer to Attachment A for speed tiers.
<b>Residential / Households</b>	Entities passed	0	Variance is due to previous delays in tower construction which have led to delays in LTE 4G launch.
	Total subscribers served	0	Variance is due to previous delays in tower construction which have led to delays in LTE 4G launch.
	Subscribers receiving new access	0	Variance is due to previous delays in tower construction which have led to delays in LTE 4G launch.
	Subscribers receiving improved access	0	Variance is due to previous delays in tower construction which have led to delays in LTE 4G launch.
	Please identify the speed tiers that are available and the number of subscribers for each	0	Please refer to Attachment B for speed tiers
<b>Businesses</b>	Entities passed	0	Variance is due to previous delays in tower construction which have led to delays in LTE 4G launch.
	Total subscribers served	0	Variance is due to previous delays in tower construction which have led to delays in LTE 4G launch.
	Subscribers receiving new access	0	Variance is due to previous delays in tower construction which have led to delays in LTE 4G launch.
	Subscribers receiving improved access	0	Variance is due to previous delays in tower construction which have led to delays in LTE 4G launch.
	Please identify the speed tiers that are available and the number of subscribers for each	0	Please refer to Attachment A & B

7. Please describe any special offerings you may provide (600 words or less).

N/A

8a. Have your network management practices changed over the last quarter?  Yes  No

8b. If so, please describe the changes (300 words or less).

N/A

9. Community Anchor Institutions:

Using the table below, please provide a list by service area of the community anchor institutions (including Government institutions) connected to your network as a result of BTOP funds. Figures should be reported for the most recent reporting quarter only (NOT

**cumulatively). Also indicate whether your organization is currently providing broadband service to the anchor institution. Finally, provide a short narrative description with examples of how institutions are using BTOP-funded infrastructure (300 words or less).**

Institution Name	Service Area (town or county)	Type of Anchor Institution (as defined in your baseline)	Are you also the broadband service provider for this institution? (Yes / No)	Narrative description of how anchor institutions are using BTOP-funded infrastructure
Aneth Chapter House	Aneth	Other Gov. Facility	Yes	N/A
Black Mesa Chapter House	Pinon	Other Gov. Facility	Yes	N/A
Blue Gap Chapter House	Blue Gap	Other Gov. Facility	Yes	N/A
Houck Chapter House	Houck	Other Gov. Facility	Yes	N/A
Mexican Water Chapter House	Mexican Water	Other Gov. Facility	Yes	N/A
Nahatadzill Chapter House	Sanders	Other Gov. Facility	Yes	N/A
Shiprock Chapter House	Shiprock	Other Gov. Facility	Yes	N/A
Two Grey Hills Chapter House	Two Grey Hills	Other Gov. Facility	Yes	N/A
Whipporwill Chapter House	Whipporwill	Other Gov. Facility	Yes	N/A

**Project Indicators (Next Quarter)**

**1. Please describe significant project accomplishments planned for completion during the next quarter (600 words or less).**  
 1. Completion of all construction, testing and commissioning.  
 2. Commence with the word of mouth (WOM) launch at the various NTUA district offices. The Last Mile 4G wireless products will be sold at the NTUA district offices. Wholesale middle mile services will be sold via the NTUA Data Center.  
 3. Completion of Grant and Close out Procedures.

**2. Please provide the percent complete for the following key milestones in your project. Write "0" in the Planned Percent Complete column and "N/A" in the Narrative column if your project does not include this activity. If you provided additional milestones in your baseline plan, please insert them at the bottom of the table. Unless otherwise indicated in the instructions, figures should be reported cumulatively from award inception to the end of the next reporting quarter. Please provide a narrative description if the percent complete is different from the target provided in your baseline plan (300 words or less).**

Milestone	Planned Percent Complete	Narrative (describe reasons for any variance from baseline plan or any other relevant information)
2a. Overall Project	100	No Variance
2b. Environmental Assessment	100	No Variance
2c. Network Design	100	No Variance
2d. Rights of Way	100	No Variance
2e. Construction Permits and Other Approvals	100	No Variance
2f. Site Preparation	100	No Variance
2g. Equipment Procurement	100	No Variance
2h. Network Build (all components - owned, leased, IRU, etc.)	100	No Variance
2i. Equipment Deployment	100	No Variance
2j. Network Testing	100	No Variance
2k. Other (please specify):		

**3. Please describe any challenges or issues anticipated during the next quarter that may impact planned progress against the project milestones listed above. In particular, please identify any areas or issues where technical assistance from the BTOP program may be useful (600 words or less).**

No challenges anticipated. NTUA looks forward to a smooth close out process and completion of the BTOP grant.

