QUARTERLY PERFORMANCE PROGRESS REPORT FOR BROADBAND INFRASTRUCTURE PROJECTS

General Information

1. Federal Agency and Organizational Element to Which Report is Submitted Department of Commerce, National Telecommunications and Information Administration	**2. Award Identification Number** NT10BIX5570125	**3. DUNS Number** 839358934

4. Recipient Organization

Plumas Sierra Rural Electric Cooperative 73233 Hwy 70, Portola, CA 96122-7064

5. Current Reporting Period End Date (MM/DD/YYYY) 06-30-2013	**6. Is this the last Report of the Award Period?** ◯ **Yes** ⦿ **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.

7a. Typed or Printed Name and Title of Certifying Official Bill Zeme Grant Controller	**7c. Telephone (area code, number and extension)** 5308326062
	7d. Email Address bzeme@psrec.coop
7b. Signature of Certifying Official Submitted Electronically	**7e. Date Report Submitted (MM/DD/YYYY):** 08-19-2013

Project Indicators (This Quarter)

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

Construction of Aerial and Underground was completed in Reno. Lease of Dark Fiber Distribution Fiber was completed in Susanville. Fiber was lit from Reno to Susanville. Fiber splicing and testing continues along the entire backbone of the system. Construction permit acquisition continued in Quincy, and Portola. Joint use agreement & interconnection agreement work has been ongoing Quincy and Portola. Mapping has been ongoing over the entire backbone. Cabinet & Vault installation has been ongoing along the entire backbone where needed. Traffic control was performed in Reno, Portola, and Quincy. Ongoing project management continues. Electronic equipment has been installed and tested with more to follow. Testing has begun on all electric equipment.

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	95	1% below our previous project indicators projection. Baseline had projected 100% complete. See below categories to see changes
2b.	Environmental Assessment	100	No Change. Baseline had projected 100%.
2c.	Network Design	100	No Change. Baseline had projected 100%.
2d.	Rights of Way	77	2% above previous project indicators projection. The largest line item impacting this category is budgeted funds to acquire property for our node placements that is not going to be expended . This will be addressed with an upcoming budget realignment.
2e.	Construction Permits and Other Approvals	100	Actual percentage was 135% over budget. More construction costs were required than we had originally budgeted for. This line item will be addressed by allocating additional funds to it in our upcoming budget realignment.
2f.	Site Preparation	100	Actual percentage was 267% over budget. More construction costs were required than we had originally budgeted for. This line item will be addressed by allocating additional funds to it in our upcoming budget realignment.
2g.	Equipment Procurement	100	Actual percentage was 135% over budget. Fiber was more expensive than anticipated plus an additional 13 miles was purchased for a route change that has been approved thru an AAR. This line item will be addressed by allocating additional funds to it in our upcoming budget realignment.
2h.	Network Build (all components - owned, leased, IRU, etc)	50	2% below previous project indicators projection. Baseline had projected 100%.
2i.	Equipment Deployment	100	Actual percentage was 150% over budget. More equipment costs were required than we had originally budgeted for. This line item will be addressed by allocating additional funds to it in our upcoming budget realignment.
2j.	Network Testing	20	28% lower than previous project indicators projection. This was due to lower than anticipated labor costs. This line item will be addressed with our upcoming budget realignment. Baseline had projected 100%.
2k.	Other (please specify): Administration	100	Actual percentage was 177% over budget. Project management costs are higher than anticipated. This line item will be addressed by allocating additional funds to it in our upcoming budget realignment.

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).

We had major delays with our deployment in Susanville which required us to request a route change to ensure that we will be able to serve those areas and CAI's that are required by the ARRA grant. This was a lengthy process and required an AAR (Awards Action Request) and the appropriate help from our FPO. Additionally, we have experienced delays in Quincy due mostly to

rocky soil hindering our boring progress.

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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	183	We were under our previous project indicators projection by 17 miles. Delays were caused by Joint Use complications in Quncy and Portola, and terrain difficulties in Quincy. We revised our total "New Miles" estimate downwards to 189.26 due to the lease of dark fiber in the distribution area in Susanville
New network miles leased	9	We are over our previous project indicators by 9.23 miles. We did not anticipate leasing dark fiber in Susanville by the end of the 1st Qtr of 2013, so it was never included as an estimate.
Existing network miles upgraded	0	N/A
Existing network miles leased	0	N/A
Number of miles of new fiber (aerial or underground)	183	We were under our previous project indicators projection by 8 miles. Delays were caused by Joint Use complications in Quncy and Portola, and terrain difficulties in Quincy. We revised our total "New Miles" estimate downwards to 189.26 due to the lease of dark fiber in the distribution area in Susanville
Number of new wireless links	0	N/A
Number of new towers	0	N/A
Number of new and/or upgraded interconnection points	0	N/A

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	1
Number of agreements currently being negotiated with broadband wholesalers or last mile providers	3
Average term of signed agreements (in quarters)	80

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

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:
Transport

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).
None

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)
Broadband Wholesalers or Last Mile Providers	**Providers with signed agreements receiving new access**	1	Baseline had predicted 4 by this quarter. Negotiations continue with 2 providers. There are presently no negatiations with a 4th provider, although the possibility of signing a 4th provider has not been ruled out.
	Providers with signed agreements receiving improved access	0	none
	Providers with signed agreements receiving access to dark fiber	0	none
	Please identify the speed tiers that are available and the number of subscribers for each	10	1 @ 600 Mg.
Community Anchor Institutions (including Government institutions)	**Total subscribers served**	2	High Desert State Prison, California Correctional Center
	Subscribers receiving new access	0	none
	Subscribers receiving improved access	0	none
	Please identify the speed tiers that are available and the number or subscribers for each	10	These CAI's have been connected, but are not currently subscribed to our network.
Residential / Households	**Entities passed**	0	N/A
	Total subscribers served	0	N/A
	Subscribers receiving new access	0	N/A
	Subscribers receiving improved access	0	N/A
	Please identify the speed tiers that are available and the number of subscribers for each	0	N/A
Businesses	**Entities passed**	0	N/A
	Total subscribers served	0	N/A
	Subscribers receiving new access	0	N/A
	Subscribers receiving improved access	0	N/A
	Please identify the speed tiers that are available and the number of subscribers for each	0	N/A

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

To be Determined

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
High Desert State Prison	Lassen County, CA	Other Government Facilities	No	High Desert State Prison currently plans to subscribe to our network. They will use our network to increase the amount of broadband that is accessible to them. They have stated that they will need broadband that is equivalent to at least 2 OC-3 connections and PRI's (Primary Rate Interface) for voice service. 2 OC-3 connections are equivalent to 310 Mb of bandwidth. Our network will provide any amount of broadband that will be required.
California Correctional Center	Lassen County, CA	Other Government Facilities	No	California Correctional Center currently plans to subscribe to our network. They will use our network to increase the amount of broadband that is accessible to them. They have stated that they will need broadband that is equivalent to at least 1 OC-3 connection. An OC-3 connection is equivalent to 155 Mb of bandwidth. Our network will provide any amount of broadband that will be required.

Project Indicators (Next Quarter)

1. Please describe significant project accomplishments planned for completion during the next quarter (600 words or less).

Construction of Aerial and Underground will be complete in the distribution ares of Susanville, Portola, and Quincy. Completion of installation and testing of electronics and operating software in all of the Nodes. Fiber splicing and testing will be completed along the entire backbone. All construction will be be completed in Portola and Quincy. Ongoing legal work will be needed as it relates to interconnection agreements. Ongoing project management will continue. Forecasted Project Indicators for the quarter are as follows: New Network Miles Deployed: 189, New Network Miles Leased: 9, Total CAI Subscribers Served (CAIS connected): 17, Number of Signed Agreements with Broadband Wholesalers or Last Mile Providers: 3

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	Baseline had a forecast of 100%. See Categories below for changes. Overall, budgeted costs need to be shifted for proper realignment with revised project route and scope of project.
2b.	Environmental Assessment	100	No Change
2c.	Network Design	100	No Change
2d.	Rights of Way	77	Baseline had projected 100%. This will be addressed in an upcoming budget realignment.
2e.	Construction Permits and Other Approvals	100	No change. This will be addressed in an upcoming budget realignment.
2f.	Site Preparation	100	No change. This line item will be addressed by allocating additional funds to it in our upcoming budget realignment.
2g.	Equipment Procurement	100	Baseline had projected 100%. This line item will be addressed by allocating additional funds to it in our upcoming budget realignment.
2h.	Network Build (all components - owned, leased, IRU, etc.)	57	Baseline had projected 100%. This will be addressed in an upcoming budget realignment.
2i.	Equipment Deployment	100	Baseline had projected 100%.This line item will be addressed by allocating additional funds to it in our upcoming budget realignment.

	Milestone	Planned Percent Complete	Narrative (describe reasons for any variance from baseline plan or any other relevant information)
2j.	Network Testing	20	Baseline had projected 100%. Construction delays have resulted in network testing delays. This will be addressed in an upcoming budget realignment.
2k.	Other (please specify): Administration	100	Baseline had projected 100%. This will be addressed in an upcoming budget realignment.

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).

We have had major delays with our network build in Quincy, mostly due to rocky soil hindering our boring efforts. There is a possibility that these delays will require us to ask for a "no cost" extension of the project. This will require the facilitation of our FPO.

Infrastructure Budget Execution Details

Activity Based Expenditures (Infrastructure)

1. Please provide details below on your total budget, cumulative actual expenditures (for the period ending the current quarter), and cumulative anticipated expenditures (for the period ending next quarter) for each line item, including detailed disbursements of both matching funds and federal funds from project inception through end of this quarter (actual) or next quarter (anticipated). Actual and anticipated figures should be reported cumulatively from award inception to the end of the applicable reporting quarter.

Cost Classification	Budget for Entire Project			Actuals from Project Inception through End of Current Reporting Period			Anticipated Actuals from Project Inception through End of Next Reporting Period		
	Total Cost (plan)	Matching Funds (plan)	Federal Funds (plan)	Total Cost	Matching Funds	Federal Funds	Total Costs	Matching Funds	Federal Funds
a. Administrative and legal expenses	$434,100	$86,820	$347,280	$1,085,857	$290,149	$795,708	$1,093,357	$290,149	$803,208
b. Land, structures, right-of-ways, appraisals, etc.	$293,083	$58,617	$234,466	$534,054	$0	$534,054	$534,410	$0	$534,410
c. Relocation expenses and payments	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Architectural and engineering fees	$489,400	$97,880	$391,520	$568,874	$16,504	$552,370	$568,874	$16,504	$552,370
e. Other architectural and engineering fees	$714,775	$142,955	$571,820	$601,975	$0	$601,975	$601,975	$0	$601,975
f. Project inspection fees	$91,200	$18,240	$72,960	$0	$0	$0	$0	$0	$0
g. Site work	$45,475	$9,095	$36,380	$129,536	$1,787	$127,749	$129,536	$1,787	$127,749
h. Demolition and removal	$0	$0	$0	$0	$0	$0	$0	$0	$0
i. Construction	$14,337,357	$2,867,471	$11,469,886	$10,966,618	$1,417,773	$9,548,845	$11,664,315	$1,553,605	$10,110,710
j. Equipment	$639,339	$127,868	$511,471	$2,359,863	$1,530,515	$829,348	$2,429,863	$1,580,515	$849,348
k. Miscellaneous	$168,071	$33,614	$134,457	$190,470	$0	$190,470	$190,470	$0	$190,470
l. SUBTOTAL (add a through k)	$17,212,800	$3,442,560	$13,770,240	$16,437,247	$3,256,728	$13,180,519	$17,212,800	$3,442,560	$13,770,240
m. Contingencies	$0	$0	$0	$0	$0	$0	$0	$0	$0
n. TOTALS (sum of l and m)	$17,212,800	$3,442,560	$13,770,240	$16,437,247	$3,256,728	$13,180,519	$17,212,800	$3,442,560	$13,770,240

2. Program Income: Please provide the program income you listed in your application budget and actuals to date through the end of the reporting period.

a. Application Budget Program Income: $0	b. Program Income to Date: $0