

D R A F T

PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

**Communications Division
Carrier Oversight and Programs Branch***

**RESOLUTION T- 17239
January 21, 2010**

R E S O L U T I O N

**Resolution T-17239 Funding Approval for Broadband Associates,
International, Inc.'s (U-7044-C) Northeastern California Project from the
California Advanced Services Fund (CASF) Amounting to \$18,012,964.**

Summary

This Resolution adopts contingent funding for Broadband Associates International, Inc.'s (BBA) Northeastern California project, amounting to \$18,012,964 from the California Advanced Services Fund (CASF). The amount granted represents 10% of the project costs to provide broadband service to unserved and underserved areas in accordance with Commission Resolution T-17143 and Decision (D.) 09-07-020.

Background

On December 20, 2007, the Commission approved D.07-12-054 which established the two-year CASF program to provide matching funds of up to 40% of the total project costs for the deployment of broadband infrastructure in unserved and underserved areas in California.¹ Resolution T-17143, approved on June 12, 2008, adopted application requirements, scoring criteria for the award of funds, and a prescribed timeline for other filings and notifications including a projected Commission Meeting date for final approval of award(s). This same Resolution directed interested applicants seeking funding for unserved and underserved projects to file their project proposals and funding requests beginning July 24, 2008, and August 25, 2008, respectively.

¹ SB 1193 (Chapter 393, Stats. of 2008) established the California Advanced Services Fund as a new public purpose program.

On July 9, 2009, the Commission issued D.09-07-020 establishing new schedules and plans for the filing, review, and approval of an additional round of broadband project requests. This Decision also provided the potential for the applicants to seek CASF program funding while pursuing funding for broadband deployment grants issued under the American Recovery and Reinvestment Act (ARRA).² Because the federal grants under ARRA can fund up to 80% of the project, the Commission provided applicants in D.09-07-020 the opportunity to seek an additional 10% funding coverage from the CASF leaving only 10% for the applicant to provide as matching funds.

As of December 17, 2009, \$57.61 million has been granted for 38 projects covering 11,045 square miles, benefiting 115,706 potential households as follows:

- Unserved - \$12.04 million, 17 projects, 4,303 square miles, and 33,327 households
- Underserved - \$45.57 million, 21 projects, 6,742 square miles, and 82,379 households.

Notice/Protests

The Census Block Group (CBG) list for BBA's Northeastern California project appeared by county on the Commission's CASF website page under (1) "UNSERVED areas proposed to be served as of July 17, 2009: Census Block Groups (CBGs)" and (2) "UNDERSERVED areas proposed to be served as of July 17, 2009: Census Block Groups (CBGs)." Of a total of 31 unserved and 117 underserved CBGs filed initially for this project, 23 unserved and 51 underserved were formally challenged. Using additional information from challengers and BBA to verify assertions of service status, Communications Division (CD) proceeded to review and analyze these project areas to verify that they were indeed unserved and/or underserved as of the applicant's filing date.

Discussion

This Resolution adopts funding of \$18,012,964 for the proposed Northeastern California project. This project is described in detail in Appendix A. BBA submitted its Northeastern California application on July 17, 2009. The total project cost is estimated at \$180,129,635 of which 10%, or \$18,012,964, is being requested from CASF as a match to their 80% ARRA fund request. Additionally, in its submission of the project to the National Telecommunications and Information Administration (NTIA), BBA requested a waiver of the ARRA requirement that applicants provide 10% matching funds.

² The American Recovery and Reinvestment Act (ARRA) appropriates \$7.2 billion for grants and loans to support broadband deployment on a national level. ARRA offers a unique and ground breaking opportunity for California to partner with the federal government and other state agencies in advancing the goal of bridging the digital divide.

BBA's Northeastern California project involves the construction of 800 miles of fiber-optic infrastructure from its existing backbone at State Highway 299 to the more concentrated rural areas in 12 counties for an overall coverage of approximately 6,000 square miles.

Elements of the network include:

- Multi-strand fiber optic cable and optical multiplexors to provision separate, dedicated point-to-point paths that support a wide range of applications, protocols, and distinct services;
- Virtual local area network (VLAN) technology software to allocate bandwidth on a shared IP trunk to optimize the transport costs without risking service degradation typical of shared network systems.

Sustainability, flexibility, and capacity of the network design for the life of the fiber plant are ensured by:

- Multi-strand fiber cabling for growth, technology changes, and new applications;
- Dense wavelength division multiplexing (DWDM) system capacity for up to 64 10 Gigabit Ethernet (GE) channels, with up to ten GE channels on a single 10GE channel for cost-effective use of bandwidth; and,
- Optical add-drop multiplexor (OADM) site, space, and power for additional optical system amplifiers and routers/switches to support a variety of community uses focused in particular on education, healthcare, and public safety.

When completed, BBA will provide connection for the Corporation for Education Network Initiatives in California's (CENIC) California Research and Education Network (CalREN) network and Level 3's worldwide backbone including internet (IP) services, long-haul transport, content and video delivery, and data/voice services. The network planned is expected to meet current needs for internet connection and for future growth and technological advances. Specifically, BBA and CENIC will build, operate, and maintain the fiber network with direct connection provided to:

- Eleven county offices of education;
- 599 K-12 schools, five community colleges, and the California State University at Chico.

As a partner with BBA, CENIC and its CalREN network will build connectivity redundancy at each anchor educational institution and at each of the 12 interconnection points of the middle-mile. The twelve interconnection points on the network will be available to internet service providers (ISPs) agreeing to offer high-speed services to other anchor tenants such as:

- Local schools and libraries;
- Healthcare centers;
- Businesses; and,
- Residents.

Finally, BBA will provide last mile service directly to households in certain select areas of the project and will provide access to the middle mile backhaul infrastructure to other independent wholesale ISPs and wireless internet service providers (WISPs) who will deliver the last mile service to these rural and remote areas. BBA anticipates that local providers gaining access to this new network will be able to offer local service to rural communities at reasonable prices. At the time of application filing for this project, three providers were coordinating with BBA to provide service. BBA and CENIC are working with county representatives such as the California State Office of Emergency Services and California's 2-1-1 program which coordinates information and referral resources for residents requiring essential community programs and other assistance for last mile connectivity. When completed, the Northeastern California project will reach unserved and underserved communities at speeds of 3 mbps download and 1 mbps upload.

During its project planning, BBA collaborated with many community and governmental agencies to obtain support for this broadband project. Enthusiastic response was received by BBA especially from the northern tribal lands, emergency and law enforcement agencies, 2-1-1 providers, schools, libraries, and healthcare providers. BBA concentrated its planning efforts to include all of the ARRA-specific targets and letters of support to corroborate the Northeastern California project have been numerous.

Of the 800 total miles to be constructed, CD validated funding for 640 miles of backbone to be built through unserved and/or underserved areas of affected counties shown on the Project Shapefile map in Appendix A, Page A-5. Backbone construction in already-existing service areas will not receive CASF funding. The project area will be built in the following rural areas:

- Starting from the State's northwest end on Highway 299 in Shasta County, the backbone will connect to communities along Highway 299 and eastward into Modoc County in unserved areas;
- Backbone infrastructure will wind around from eastern Tehama to southern Shasta and Lassen Counties and will serve pockets of unserved areas;
- In central Plumas County, backbone construction will be built east to west to serve both unserved and underserved areas;
- South in Sierra County, the backbone will provide service to additional unserved and underserved areas;
- Westward in northern Sutter County, a concentrated area of unserved and underserved communities will have service from portions of the backbone; and,
- Lastly in Colusa and Lake Counties, the most westerly portion of the network will be built to serve both unserved and underserved areas.

Primarily, BBA plans to construct the network infrastructure using State Highways 299, 99, 70, and 20. This new broadband network will reach as many as 101,550 unserved and underserved households with an expected subscribership of 30,465.

For qualification purposes under the CASF program, unserved areas are defined as areas not served by any form of facilities-based broadband or where internet connectivity is available only through dial-up or satellite service. Likewise, underserved areas are defined as areas where broadband is available but no facilities-based provider offers service at speeds of at least 3 mbps download and 1 mbps upload.

Communications Division (CD) reviewed this project's eligibility through analysis of the required submitted data. These data include, but are not limited to: proof of Certificate of Public Convenience and Necessity (CPCN) registration; descriptions of current and proposed broadband infrastructure; Geographic Information System (GIS) formatted Shapefiles mapping the subject areas; assertion that the area is unserved and/or underserved; potential subscriber size and household incomes; project construction schedule; project budget; proposed pricing and commitment period for new subscribers; and, financial qualifications of the applicant. In addition, CD reviewed the submitted Shapefiles, which mapped the broadband deployment proposed using United States 2000 Census data, the January, 2008, Broadband Task Force Report (BBTF) including its on-line maps, and the revised August 10, 2009, California Broadband Task Force (CBTF) maps, among others. CD conducted its independent review and analysis of the Northeastern California project to verify that the areas proposed to be served by BBA did not coincide with areas shown as served on the updated broadband availability maps. When necessary, CD performed verification with the applicant which included requests for additional data and/or other communication with the applicant in order to clarify their project proposal.

Of the 31 unserved and 117 underserved CBGs submitted for this proposed project, 23 unserved and 51 underserved were formally challenged by DigitalPath, Inc. and SmarterBroadband. Challenges of unserved and underserved CBGs were independently reviewed and CD determined that the proposed project area was in conflict with some already-existing service in the several CBGs. Thus the map of the proposed backbone was modified to remove already-existing service areas. Based on the findings of CD, BBA removed 15 of the 23 unserved and 45 of the 51 underserved challenged CBGs from their original proposal and accordingly adjusted the project data including budget to conform to this modification. With respect to the total coverage area, CD validated 640 miles of the originally proposed 800 miles in this project. Once completed, the Northeastern California project, as modified, would be constructed through 16 unserved and 72 underserved CBGs.

The Northeastern California project, as modified, will cost an estimated \$180,129,635 of which 10%, or \$18,012,964, is being requested from CASF as a match to BBA's 80% ARRA fund request. A breakdown of costs is as follows:

CASF Eligible Expenses	Project Cost
MM = middle mile; LM = last mile	
MM Pre-Construction and Administration-Related	\$19,667,633
MM Materials/Supplies and Equipment	\$22,402,525
MM Labor and Construction (installation)	\$106,356,094
LM Infrastructure (towers, repeaters, base stations)	\$31,703,383
Total Proposed Budget	\$180,129,635
CASF 10% Funds	\$18,012,964

Additionally, in its submission of the project to the NTIA, BBA requested a waiver of the ARRA requirement that applicants provide 10% matching funds; hence, with federal approval, BBA potentially may receive 90% funding from the NTIA.

Pricing will vary between the communities reached based on the individual ISP or WISP company that will serve the locations. BBA indicates that pricing could range anywhere from \$18 per month to \$65 per month. BBA is partnering with wholesale last mile providers who have agreed to a pricing commitment for one (1) year for access to the infrastructure.

This project is the only proposal submitted for these unserved and underserved areas of California after the adoption of D.09-07-020. As such, the project is expected to provide for an improved network that will deliver internet access to thousands of potential new subscribers, deliver broadband at faster speeds, and create a self-sufficient, sustainable capacity infrastructure for BBA. The Northeastern California project is, therefore, recommended for approval and award of CASF funding.

BBA is certificated by the Commission as a Competitive Local Exchange Carrier (CLEC) under U-7044-C. In accordance with Appendix A, IV.13, "Performance Bond Documentation" of Resolution T-17143, BBA should be required to post a performance bond equal to the total amount payable under this CASF award, or 10% of the project cost, and provide a copy of the bond to CD in accordance with existing CASF funding rules.

BBA should be required to comply with all the guidelines, requirements and conditions associated with the granting of CASF funds as specified in Resolution T-17143, including submitting Form 477. This project is subject to the California Environmental Quality Act (CEQA). The Commission must complete CEQA review before disbursing CASF funds to BBA for the construction of the backbone infrastructure. BBA shall submit a Proponent's Environmental Assessment to Commission staff as soon as specific, project-level details become known and, at least, before the first 25% payment is due. BBA will identify any other special permit requirements and will provide those

with a cross-reference to the government agencies from which the permits will be or have been required for this project in compliance with all other guidelines, requirements, and conditions associated with the granting of CASF funds as specified in T-17143 including the submission of FCC Form 477.

Payments to CASF Recipients

Submission of invoices from and payments to BBA shall be made in accordance with Section IX of Appendix A of Resolution T-17143 and according to the guidelines and supporting documentation required in Resolution T-17143.

Payment to BBA shall essentially follow the process adopted for funds created under Public Utilities Code §270. The following table describes the timeline for processing CASF payments.

Event	Payment Cycle 1 (Day/Month)	Payment Cycle 2 (Day/Month)
Invoices due from Broadband Associates Int., Inc. to CD	5 th of Month 1	20 th of Month 1
Payment letters from CD to Information and Management Services Division (IMSD) ³	On 19 th of Month 1	On 4 th of Month 2
Invoices submitted from IMSD to State Controller's Office (SCO) for payments	20 th through 26 th of Month 1	5 th through 13 th of Month 2

BBA may submit its invoices under Payment Cycle 1 or 2.

If any date in this payment schedule falls on a weekend or holiday, that date will be advanced to the next business day but the remaining dates in the payment schedule will remain unchanged. The SCO requires 14 to 21 days to issue payment from the day that requests are received by SCO. Approval and disbursement of the first 25% CASF payment is contingent upon Broadband Associates Int., Inc. receiving (1) 80% ARRA funding approval including approval of its 10% matching funds waiver request and (2) completion of the Commission's CEQA review.

Comments on Draft Resolution

³ The above schedule is contingent on the CASF recipient submitting clear, complete, and error-free invoices to CD. Additional time to process payments may be necessary if CD finds problems with the submitted invoices.

In compliance with PU Code § 311(g), a notice letter was emailed on December 22, 2009, informing a) all CASF unserved and underserved applicants filing under D.09-07-020 and b) parties on the service list of R.06-06-028 of the availability of the draft of this Resolution for public comments at the Commission's website <http://www.cpuc.ca.gov/static/documents/index.htm>. This letter also informed parties that the final conformed Resolution adopted by the Commission will be posted and will be available at this same website.

The Commission did not receive any comments on this Resolution.

Conclusion

The Commission finds CD's recommended contingent CASF funds award for unserved and underserved areas in the Northeastern California project as discussed in this Resolution and summarized in Appendix A reasonable and consistent with Commission orders and, therefore, adopts such award. BBA's contingent funding is based on receiving 80% ARRA funding including approval of its 10% matching funds waiver request. If BBA is unable to obtain 80% ARRA funding including approval of its 10% matching funds waiver request and as a result will not build the Northeastern California project, then Broadband Associates Int., Inc. should notify the CD Director that the project will not be built so that CASF funds may be reallocated to other grants. BBA is also required to post a performance bond and provide a copy of the bond to CD as directed in this Resolution.

Findings

1. The Commission finds Communications Division's (CD) recommended contingent California Advanced Services Fund (CASF) award for unserved and underserved areas for the Broadband Associates International, Inc.'s Northeastern California project as discussed in this Resolution and summarized in Appendix A reasonable and consistent with Commission orders and, therefore, should be adopted.
2. The CASF, implemented by Decision (D.) 07-12-054, was established as a two-year program that will provide matching funds of up to 40% of the total project costs for the deployment of broadband infrastructure in unserved and underserved areas in California.
3. Resolution T-17143, approved on June 12, 2008, adopted the application requirements and scoring criteria for the award of funds, a prescribed timeline for other filings and notifications including a projected Commission Meeting date for final approval of award(s). T-17143 directed interested applicants seeking funding for unserved and underserved projects to file their project proposals and funding requests beginning July 24, 2008.

4. On July 9, 2009, the Commission issued D.09-07-020 approving a new CASF schedule and plan for an additional round of broadband projects that would complement broadband grants awarded under the federal government's American Recovery and Reinvestment Act (ARRA). While retaining the 40% matching grant process, the Commission in this Decision authorized providers an option of seeking a 10% grant from the CASF concurrent with efforts to seek an 80% grant from the ARRA fund including a 10% matching funds waiver, if requested. Broadband Associates, Int., Inc. applied to the NTIA for a waiver of the ARRA requirement that applicants provide 10% matching funds.
5. A list of census block groups (CBGs) appeared by county on the Commission's CASF website page under "UNSERVED areas proposed to be served as of July 17, 2009: Census Block Groups (CBGs)" and "UNDERSERVED areas proposed to be served as of July 17, 2009: Census Block Groups (CBGs)." CD proceeded with its independent review and analysis of this project area to verify that it was unserved and/or underserved as of the applicant's filing date.
6. Broadband Associates Int., Inc. submitted its Northeastern California application on July 17, 2009, proposing to build 800 miles of fiber-optic infrastructure from its existing backbone along State Highway 299 to the more concentrated rural areas in 12 counties for an overall coverage of approximately 6,000 square miles.
7. Several public benefit organizations and anchor institutions with a collaborative interest in Broadband Associates Int., Inc., receiving project approval have provided documented support in favor of this application.
8. Broadband Associates Int. Inc. will provide middle mile backhaul service to various wireless service internet providers who will provide the last mile service to the unserved and underserved communities at speeds of 3 mbps download and 1 mbps upload. This new broadband network will reach as many as 101,550 households with an expected subscribership of 30,465.
9. Unserved areas are defined as areas not served by any form of facilities-based broadband or where internet connectivity is available only through dial-up service or satellite.
10. Underserved areas are defined as areas where broadband is available but no facilities-based provider offers service at speeds at least 3 mbps download and 1 mbps upload.
11. CD reviewed the Broadband Associates Int., Inc. Northeastern California project eligibility through the analysis of required data submitted. These data include, but are not limited to: proof of Certificate of Public Convenience and Necessity (CPCN) registration; descriptions of current and proposed broadband infrastructure; geographic information system (GIS) formatted Shapefiles mapping the subject areas; assertion that the area is unserved and/or underserved; potential subscriber size and household incomes; project construction schedule; project budget; proposed

- pricing and commitment period for new subscribers; and, financial qualifications of the applicant.
12. Shapefiles, which mapped the broadband deployment, were reviewed by CD using sources including, but not limited to, the United States 2000 Census data, the January, 2008, Broadband Task Force Report, and the revised August 10, 2009, California Broadband Task Force map, among others. These maps helped to verify the existence or non-existence of broadband service areas and broadband speeds, where available.
 13. CD conducted an independent review and analysis of the Broadband Associates Int., Inc. proposal, which included discussion with Broadband Associates Int., Inc. of the results of the analysis of their application. Broadband Associates Int., Inc. resubmitted additional mapping and project data, as requested, to clarify the project details.
 14. Of the 31 unserved and 117 underserved Census Block Groups (CBGs) in Broadband Associates Int., Inc.'s proposal, 23 unserved and 51 underserved CBGs were formally challenged. CD requested additional information and/or meetings with the applicant to verify its project proposal against the challenges. Broadband Associates Int., Inc. addressed all challenges, determined to remove 15 unserved and 45 underserved CBGs to resolve overlaps, and modified the project mapping and correlating data including project budget.
 15. CD reviewed and validated 640 miles of backbone as eligible for funding consideration under the CASF requirements.
 16. After its review, CD determined the Broadband Associates Int., Inc. Northeastern California project application for unserved and underserved areas covering 16 unserved and 72 underserved CBGs eligible to receive funding under CASF.
 17. The total project cost of the Northeastern California project, as modified, is \$180,129,635 of which 10%, or \$18,012,964, is being requested from CASF as a match to Broadband Associate, Int., Inc.'s 80% ARRA fund request.
 18. Broadband Associates, Int., Inc. is a certificated Competitive Local Exchange Carrier (CLEC) under U-7044-C.
 19. Broadband Associates Int., Inc. should be required to post a performance bond equal to the total amount payable under this CASF award, or 10% of the project cost, and provide a copy of the bond to CD in accordance with the existing CASF funding rules.
 20. Broadband Associates Int., Inc. should comply with all guidelines, requirements, and conditions associated with the granting of CASF funds as specified in Resolution T-17143 including the submission of FCC Form 477 and compliance with the California Environmental Quality Act (CEQA), among others.

21. The Commission must complete California Environmental Quality Act (CEQA) review before disbursing CASF funds to Broadband Associates Int., Inc. for the construction of the backbone infrastructure.
22. Broadband Associates, Int. Inc. shall submit a Proponent's Environmental Assessment to Commission staff as soon as specific, project-level details become known and, at least, before the first scheduled 25% payment is due.
23. Approval and disbursement of the first 25% CASF payment is contingent upon Broadband Associates Int., Inc. receiving (1) 80% ARRA funding approval including a 10% matching funds waiver and (2) completion of the Commission's California Environmental Quality Act (CEQA) review.
24. The Commission finds CD's recommended CASF award, contingent on receiving 80% ARRA funding including approval of a 10% matching funds waiver request, for unserved and underserved areas in the Broadband Associates Int., Inc. Northeastern California project as discussed in this Resolution and summarized in Appendix A, reasonable and consistent with Commission orders and should be adopted.
25. Broadband Associates, Int., Inc.'s contingent funding is based on it receiving (1) 80% ARRA funding including a 10% matching fund waiver.
26. If Broadband Associates Int., Inc. is unable to obtain 80% ARRA funding including a 10% matching funds waiver and will not build the Northeastern California project, then Broadband Associates Int., Inc. should notify the CD Director that the project will not be built so that CASF funds may be reallocated to other grants.
27. A notice letter was emailed on December 22, 2009, informing a) all applicants filing for unserved and underserved areas and b) parties on the service list of R.06-06-028 of the availability of the draft of this Resolution for public comments at the Commission's website <http://www.cpuc.ca.gov/static/documents/index.htm>. This letter also informed parties that the final conformed Resolution adopted by the Commission will be posted and available at this same website.
28. The Commission did not receive any comments on this Resolution.

THEREFORE, IT IS ORDERED that:

1. The California Advanced Services Fund shall award contingent funding of \$18,012,964 from the California Advanced Services Fund to Broadband Associates, International, Inc. for the Northeastern California project to provide service in unserved and underserved areas as described in the Discussion section and summarized in Appendix A of this Resolution. The award is contingent on Broadband Associates Int., Inc. receiving an ARRA grant for 80% of the total estimated project cost including 10% matching funds waiver.

2. Broadband Associates Int., Inc. shall post a performance bond equal to the total amount payable under this CASF award, or 10% of the project cost, and provide a copy of the bond to CD in accordance with the existing CASF funding rules.
3. Broadband Associates Int., Inc. shall comply with all guidelines, requirements, and conditions associated with the CASF funds award as specified in Resolution T-17143 and D.09-07-020.
4. Broadband Associates Int., Inc. shall notify the CD Director of the disposition of its ARRA application for the Northeastern California project.
5. Broadband Associates Int., Inc. shall submit a Proponent's Environmental Assessment to Commission staff as soon as specific, project-level details become known.
6. If the Broadband Associates Int., Inc. Northeastern California project will not be completed then Broadband Associates Int., Inc. shall notify the CD Director so that the committed CASF funds may be reallocated for other grants.
7. The program fund payment of \$18,012,964 for this Commission-approved unserved and underserved project shall be paid out of the CASF fund in accordance with the guidelines adopted in Resolution T-17143 and D.09-07-020.
8. Payments to Broadband Associates Int., Inc. shall be in accordance with Section IX of Appendix A of Resolution T-17143 and in accordance with the process defined in the "Payments to CASF Recipients" section of this Resolution.

This Resolution is effective today.

I hereby certify that this Resolution was adopted by the Public Utilities Commission at its regular meeting on January 21, 2010. The following Commissioners approved it:

PAUL CLANON
Executive Director

APPENDIX A
Resolution T- 17239
Broadband Associates Int., Inc. (U-7044-C)
Northeastern California Project Key Information

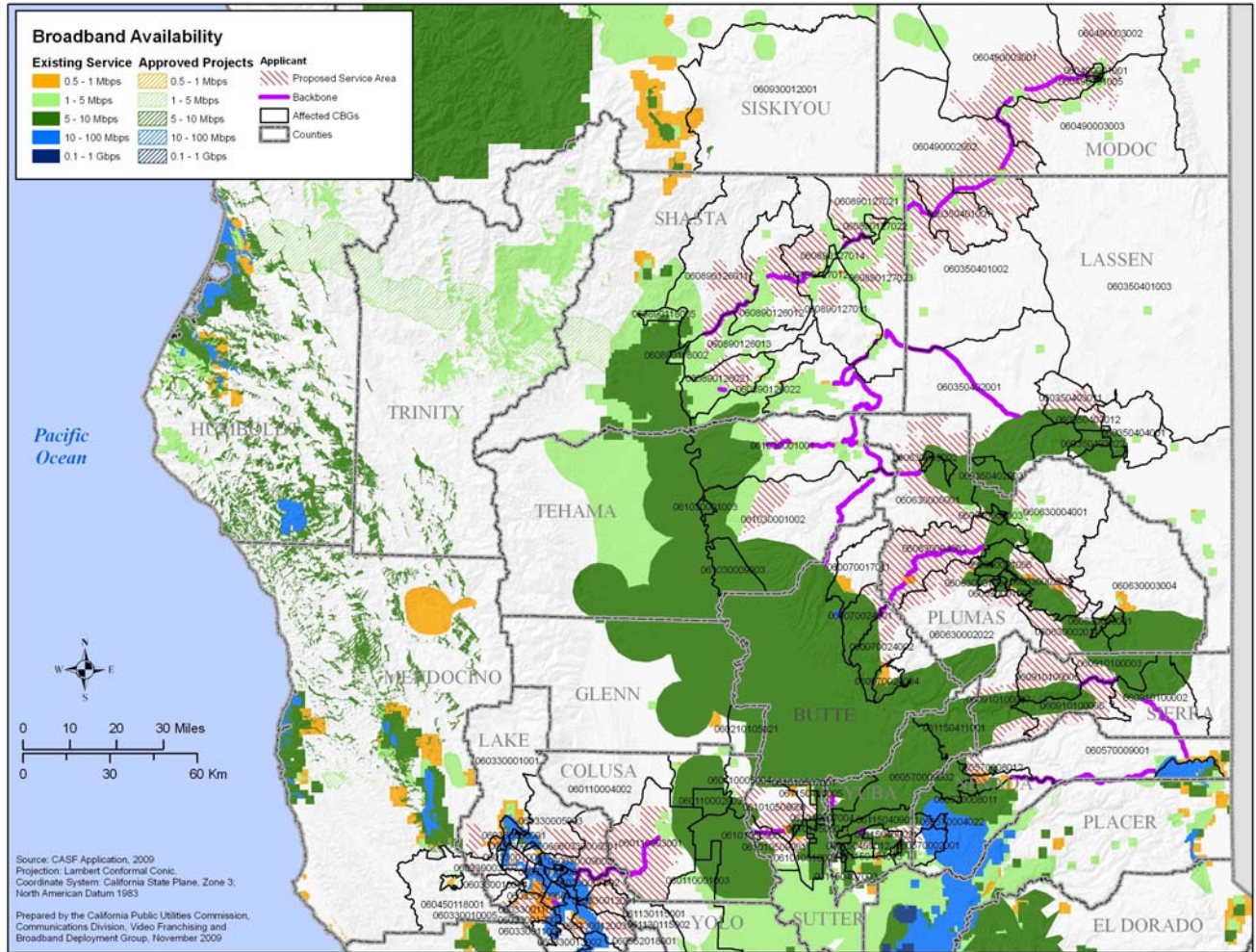
1	Project ID	Broadband Associates Int., Inc. (U-7044-C)	
2	Project Name	Northeastern California	
3	Project Plan	640 mile fiber optic infrastructure network buildout for internet connectivity to unserved and underserved areas in 12 counties by various WISPs and ISPs	
4	Project Size (in square miles)	6,000	
5	Download speed	3 Mbps	
6	Upload speed	1 Mbps	
7	Location	Butte, Colusa, Glenn, Lake, Lassen, Modoc, Nevada, Plumas, Shasta, Sierra, Tehama, and Yuba Counties	
	Communities - UNSERVED	CBGs - 16	ZIP Codes - 44
	Williams	060110003001	00047
	-	060110004002	00048
	-	060210103001	95423
	Upper Lake	060330001001	95451
	Lucerne	060330005003	95458
	Lucerne	060330005006	95461
	Clearlake	060330006001	95469
	Lakeport	060330010001	95485
	Middletown	060330013002	95915
	Susanville	060350403012	95922
	Susanville	060350406001	95934
	Blairsden-Graeagle	060630002011	95936
	Quincy	060630002021	95939
	Belden	060630004002	95944
	Bella Vista	060890126011	95951
	Sierraville	060910100003	95959
			95960
			95963
			95965
			95971
			95979
			95984
			95987
			95988
			96008
			96020
			96021
			96035
			96054
			96056

			96080
			96103
			96105
			96106
			96109
			96113
			96114
			96121
			96122
			96124
			96125
			96128
			96130
	<i>Communities - UNDERSERVED</i>	<i>CBGs - 72</i>	<i>ZIP Codes - 39</i>
	<i>Oroville</i>	060070024001	00029
	<i>Berry Creek</i>	060070024002	00031
	<i>Upper Lake</i>	060330001002	00065
	<i>North Lakeport</i>	060330003001	95422
	<i>North Lakeport</i>	060330003002	95428
	<i>Lakeport</i>	060330003003	95443
	<i>North Lakeport</i>	060330004001	95453
	<i>Lakeport</i>	060330004002	95457
	<i>Lakeport</i>	060330004003	95464
	<i>Lakeport</i>	060330004004	95467
	<i>Lakeport</i>	060330004005	95493
	<i>Nice</i>	060330005001	95912
	<i>Nice</i>	060330005002	95916
	<i>Lucerne</i>	060330005004	95935
	<i>Lucerne</i>	060330005005	95947
	<i>Clearlake Oaks</i>	060330006002	95955
	<i>Clearlake Oaks</i>	060330006003	95956
	<i>Clearlake</i>	060330007001	95969
	<i>Clearlake Oaks</i>	060330007002	95973
	<i>Clearlake</i>	060330007003	95981
	<i>Clearlake</i>	060330007004	96003
	<i>Clearlake</i>	060330007005	96006
	<i>Clearlake</i>	060330007006	96007
	<i>Clearlake</i>	060330008001	96013
	<i>Clearlake</i>	060330008002	96016
	<i>Clearlake</i>	060330008003	96028
	<i>Clearlake</i>	060330008004	96040
	<i>Clearlake</i>	060330008005	96055
	<i>Kelseyville</i>	060330009001	96059
	<i>Kelseyville</i>	060330009002	96062
	<i>Middletown</i>	060330009003	96065
	<i>Lakeport</i>	060330010002	96069

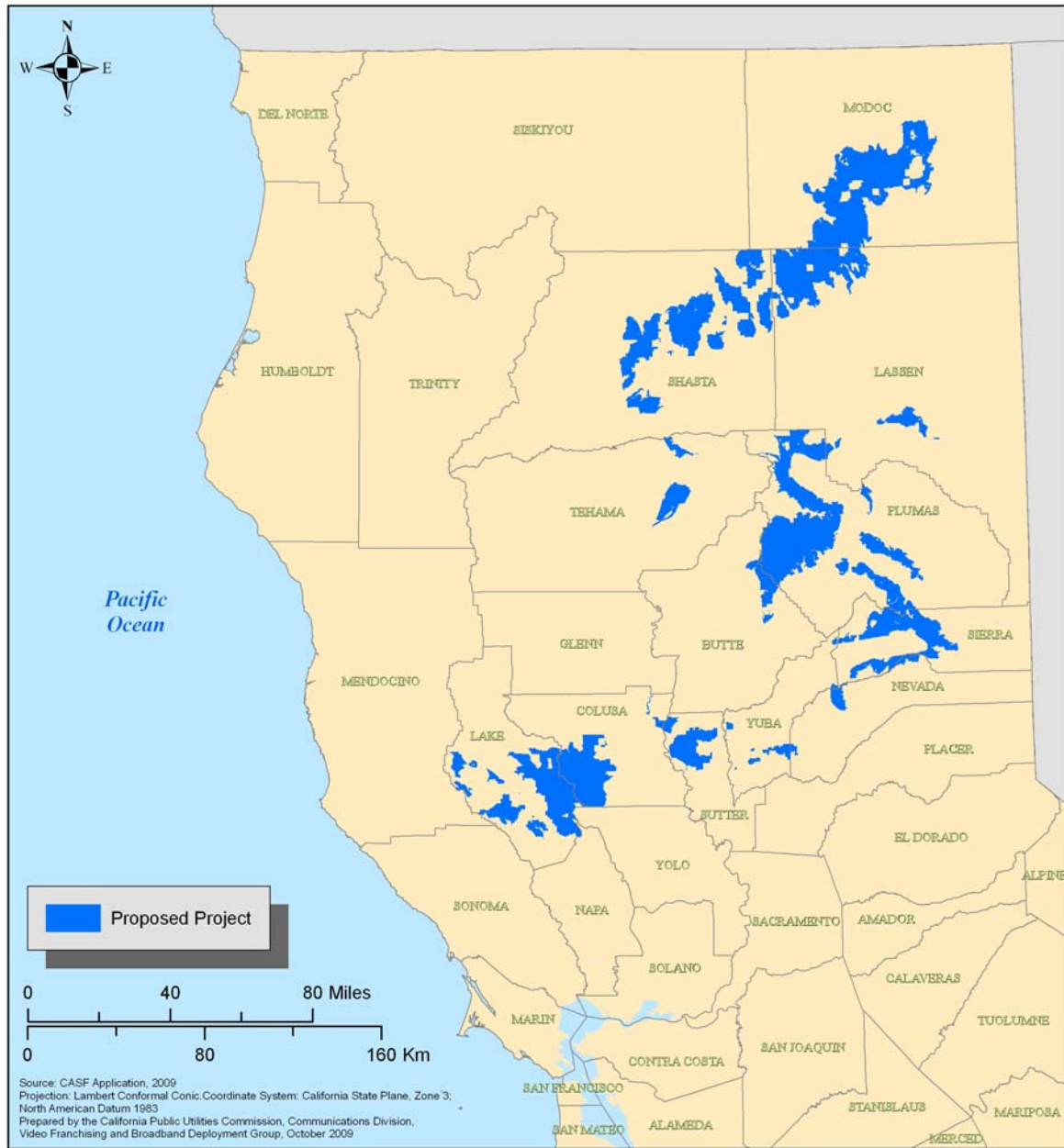
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	<i>Kelseyville</i>	060330011001	96096
	<i>Kelseyville</i>	060330011002	96117
	<i>Lower Lake</i>	060330012001	96136
	<i>Lower Lake</i>	060330012002	96137
	<i>Hidden Valley Lake</i>	060330012003	
	<i>Hidden Valley Lake</i>	060330013001	
	<i>Middletown</i>	060330013003	
	<i>McArthur</i>	060350401001	
	<i>Adin</i>	060350401002	
	-	060350401003	
	<i>Westwood</i>	060350402001	
	<i>Susanville</i>	060350403011	
	<i>Susanville</i>	060350406002	
	<i>Lookout</i>	060490002002	
	<i>North San Juan</i>	060570009001	
	<i>Quincy</i>	060630001001	
	<i>Quincy</i>	060630001002	
	<i>Greenville</i>	060630004001	
	<i>Greenville</i>	060630004003	
	<i>Canyon Dam</i>	060630005001	
	<i>Chester</i>	060630005002	
	<i>Montgomery Creek</i>	060890126012	
	<i>Millville</i>	060890126013	
	<i>Shingletown</i>	060890126021	
	<i>Cassel</i>	060890127011	
	<i>Burney</i>	060890127012	
	-	060890127013	
	<i>Cassel</i>	060890127014	
	<i>Fall River Mills</i>	060890127021	
	<i>Fall River Mills</i>	060890127022	
	<i>Burney</i>	060890127023	
	<i>Downieville</i>	060910100005	
	<i>Camptonville</i>	060910100006	
	<i>Goodyears Bar</i>	060910100007	
	<i>Paynes Creek</i>	061030001001	
	<i>Los Molinos</i>	061030001002	
	<i>Camptonville</i>	061150411001	
8	<i>Estimated Potential Subscriber Size</i>		
a)	<i>Households</i>	101,550	
b)	<i>Broadband Subscribers</i>	30,465	
c)	<i>Deployment Schedule (from Commission approval)</i>	24 months + CEQA	

9	<i>Proposed Project Budget</i>		
	<i>TOTAL PROJECT COST</i>	\$180,129,635	
a)	<i>Total CASF Request</i>		
b)	<i>CASF @ 10%</i>	\$18,012,964	
c)	<i>CIAC (contributions-in-aid of construction)</i>	-	
d)	<i>Applicant's Funds</i>	See below*	
e)	<i>ARRA Funds, contingent upon receiving waiver from 10% matching fund requirement*</i>	\$162,116,672*	

APPENDIX A
Resolution T- 17239
Broadband Associates Int., Inc. (U-7044-C)
Northeastern California Project Shapefiles



APPENDIX A
Resolution T- 17239
Broadband Associates Int., Inc. (U-7044-C)
Northeastern California Project Statewide Map



END OF APPENDIX A