



Regular Agenda – Communication Resolutions and Reports

Item # 27 [14424] – Approval of Funding for the Grant Application of Race Telecommunications Inc., for the Gigafy Mono Underserved Broadband Project (Option 1)

Res T -17477

PROPOSED OUTCOME:

- Adopts funding in the amount of \$6,580,007 for the Gigafy Mono Underserved Broadband Fiber-to-the-premise project in Mono County and Rescinds funding for the Crowley Lake and Swall Meadows project in Resolution T-17350. This resolution excludes Lee Vining.

SAFETY CONSIDERATIONS:

- The construction of this project provides safety benefits to the South Chalfant, Benton, Benton Hot springs, Swall Meadows, and Mono City, in Mono County, California, by providing additional communication facilities and voice service provided as a part of this project. This project would meet safety standards, including battery backup, E911 data and access to local PSAPs

ESTIMATED COST:

- \$6,580,007.





Regular Agenda – Communication Resolutions and Reports

Item # 27a [14597] – Funding for Race Telecommunications Inc. for the Gigafy Mono Underserved Broadband Project from the California Advanced Service Fund (Option 2)

Res T -17477

PROPOSED OUTCOME:

- Adopts funding in the amount of \$7,633,459 for the Gigafy Mono Underserved Broadband Fiber-to-the-premise project in Mono County and Rescinds funding for the Crowley Lake and Swall Meadows project in Resolution T-17350. This resolution includes Lee Vining.

SAFETY CONSIDERATIONS:

- The construction of this project would provide safety benefits to the South Chalfant, Benton, Benton Hot Springs, Swall Meadows, Lee Vining, and Mono City, in Mono County, California, by providing additional communication facilities and voice service. This project would meet safety standards, including battery backup, E911 data and access to local Public Safety Answering Points.

ESTIMATED COST:

- \$7,633,459





Race Telecommunications Gigafy Mono CASF Project



Robert Wullenjohn
Communications Division

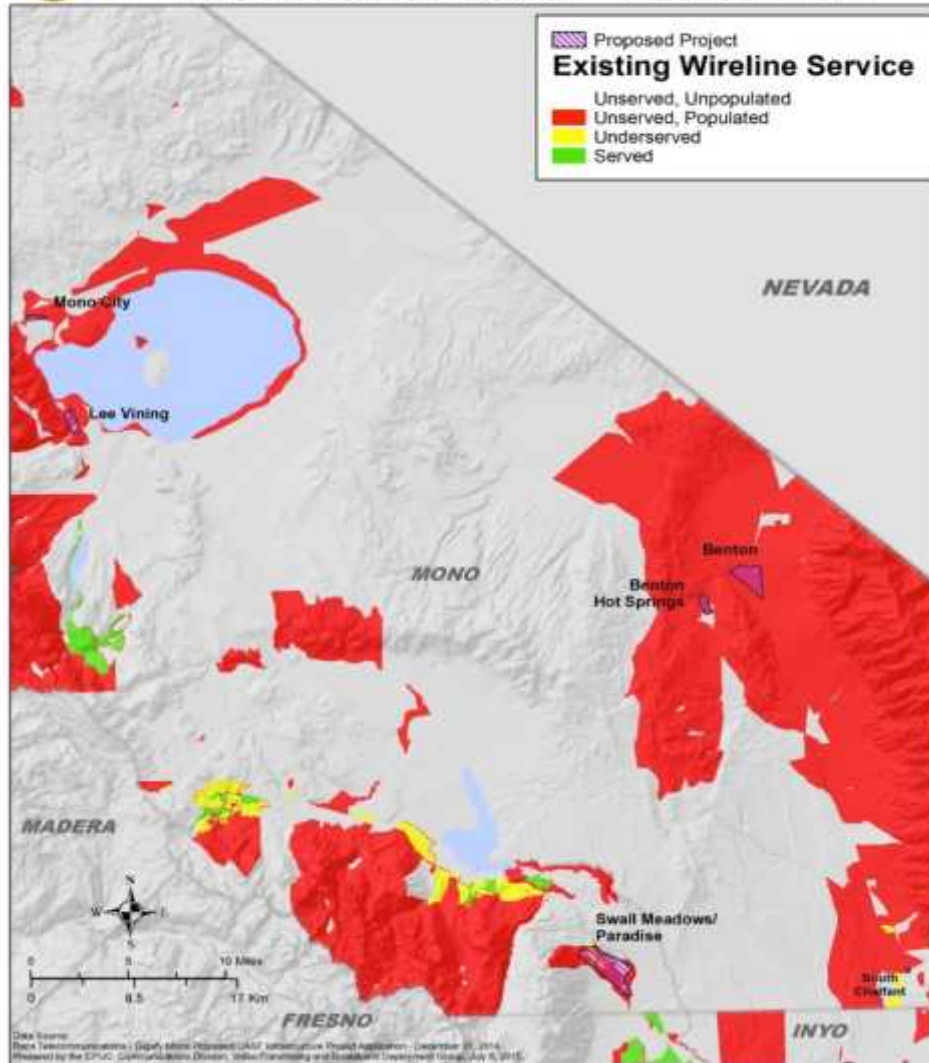
California Public Utilities Commission

January 28, 2016

Agenda Items 27 and 27a

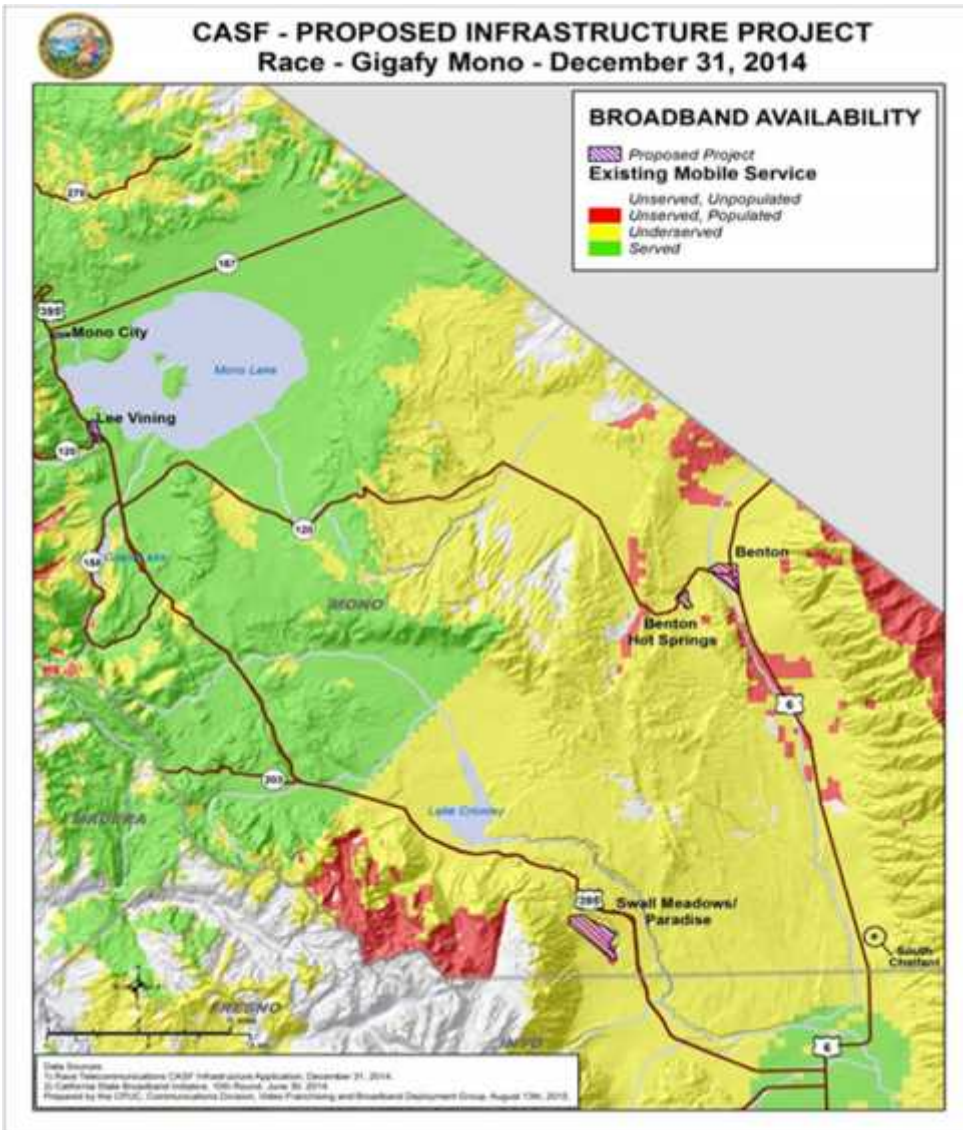


CASF PROPOSED INFRASTRUCTURE PROJECT
Race Telecom. - Gigafy Mono - December 31, 2014



Fiber to the Home Project (As Submitted)

- Filed on December 29, 2014, requesting \$7,633,459 grant
- Mostly unserved by wireline
- Connect 541 households via fiber to the premise
- Per household grant of \$11,887 (\$14,110 including CIAC)
- Serves non-adjacent areas in Mono County: South Chalfant; Benton; Swall Meadows; Mono City and Lee Vining



Mobile serves some areas

- Served mobile speeds (> 6 down /1.5 up Mbps) in Mono City and Lee Vining
- Underserved mobile speeds (< 6 down /1.5 up Mbps) in Benton, Swall Meadows and South Chalfant
- Additional speed tests conducted in Mono City contradict map; therefore area considered eligible
- Additional speed tests conducted in Lee Vining passed 98% availability and at high speeds of 23/4 Mbps





Option 1 vs. Option 2

	Option 1 Excludes Lee Vining	Option 2 Includes Lee Vining
Project Plan	Fiber-to-the-premises (FTTP) Last Mile network	Same
Project Size (square miles)	5.6	6.33
Grant Amount (with CIAC)	\$6,580,007	\$7,633,459
Grant Amount (without CIAC)	\$5,543,392	\$6,430,884
Households	399	541
Cost per Household (without CIAC)	\$13,893	\$11,887
Download / upload speed	Up to 1Gbps/1Gbps	Same
Locations	South Chalfant, Benton, Benton Hot Springs, Swall Meadows, and Mono City	Adds Lee Vining
Average Annual HH Income	\$43,359 - \$96,662	Same
Deployment Schedule	22 months	Same





Option 2 Finding 6

Despite the availability of mobile broadband service above “served” speeds in Lee Vining, it is reasonable for an exception to the CASF program rules be provided in this case because;

- (i) facilities would transit Lee Vining from its point of presence in Lee Vining to Mono City regardless;
- (ii) the incremental cost to serve 142 Lee Vining HHs is approx. \$888k or about \$6,250 per HH;
- (iii) removal of Lee Vining increases total project average cost per household;
- (iv) no third party has challenged this project; and
- (v) the existing mobile network service quality in the Mono County area is insufficient to support critical broadband applications: such as real-time, interactive HD video.





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ESTIMATED COST:

- \$6,580,007.





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Item # 27a [14597] – Funding for Race Telecommunications Inc. for the Gigafy Mono Underserved Broadband Project from the California Advanced Service Fund (Option 2)

Res T -17477

PROPOSED OUTCOME:

- Adopts funding in the amount of \$7,633,459 for the Gigafy Mono Underserved Broadband Fiber-to-the-premise project in Mono County and Rescinds funding for the Crowley Lake and Swall Meadows project in Resolution T-17350. This resolution includes Lee Vining.

SAFETY CONSIDERATIONS:

- The construction of this project would provide safety benefits to the South Chalfant, Benton, Benton Hot Springs, Swall Meadows, Lee Vining, and Mono City, in Mono County, California, by providing additional communication facilities and voice service. This project would meet safety standards, including battery backup, E911 data and access to local Public Safety Answering Points.

ESTIMATED COST:

- \$7,633,459

