



Empyre Wireless LLC
8127 Church Street
Mokelumne Hill, Ca 95245
(209) 286-6605
admin@empyrewireless.com

Expression of Interest

Re: WC Docket No. 10-90
Rural Broadband Experiment Expression of Interest for Price Cap Areas

We'd like to thank you for this incredible opportunity, to not only fully reach our potential but to benefit our community and neighboring regions. Empyre Wireless LLC is a Wireless Internet Service Provider(WISP) that has been in operation for 1 year and was formed to meet the broadband needs of the unserved and underserved communities in rural Calaveras County, CA. Currently we serve 70 households/businesses in the 06009000300 census tract. Out of these 70 customers 50% were previously told by the current local providers (I.E. Comcast, AT&T) that broadband service was not available in their area, which limited their options to dial-up or satellite based services, neither of which meets the FCC standards to be labeled "broadband" at 3 mbps download speed. Now that we are providing service to these unserved and underserved areas these rurally located customers now have access to high speed broadband internet at comparable and lower than the competition prices. With the proposed funding of \$1,116,096, we will be able to further our services in a much greater capacity to these communities(Listed Below)

Speed Tiers

Plan	Download	Upload	Cost
Starter	7 mbps	7 mbps	\$39.99/mo + \$99 Install
Advanced	10 mbps	10 mbps	\$49.99/mo + \$99 Install
Pro	15 mbps	15 mbps	\$59.99/mo + \$99 Install

Technology

Empyre Wireless currently provides internet access by way of wireless point-to-point and point-to-multipoint networks in the 2.4ghz and 5.8ghz unlicensed bands. This strategy would be the continued plan for expansion to additional unserved and underserved areas.

Proposed Areas

Empyre Wireless will continue to expand it's coverage area to provide its services to all of census tract 06009000300, as well as continue to expand to census tracts 060090002.20, 060090004.02, 060090004.00, 060090005.00, 060090005.00, 060090001.10, 060090002.10



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Community Interest

Empyre Wireless has received inquiries from 50-100 potential customers, and more daily. People living in census tract 06009000300 that do not currently have access to broadband services and are seeking services that we offer. The only limiting factor keeping these residents without service is a limited working capital.

COUNTY	CENSUS TRACT	HIGH-COST LOCATIONS	EXTREME HIGH-COST LOCATIONS	ANNUAL SUPPORT	ANNUAL SUPPORT PER HOUSEHOLD	ANNUAL SUPPORT PER HIGH-COST LOCATION
CALAVERAS	06009000122	500	91	\$210,442.21	\$116.08	\$420.88
CALAVERAS	06009000300	1,134	137	\$581,471.82	\$194.85	\$512.76
CALAVERAS	06009000400	335	44	\$145,604.43	\$77.46	\$434.64
CALAVERAS	06009000501	90	12	\$27,169.92	\$17.70	\$301.89
CALAVERAS	06009000503	77	19	\$49,842.07	\$46.01	\$647.30
CALAVERAS	06009000504	179	50	\$101,565.86	\$225.85	\$567.41

State and/or Local Government Participation and/or Support for Project

Empyre Wireless will seek assistance from State and or local government participation by expediting application process for administrative use permits and BLM land use permits. and waiving any applicable fees.

We truly appreciate your time and consideration.

Thank you again,

Empyre Wireless

Shawn Pitner &

Brady McCartney