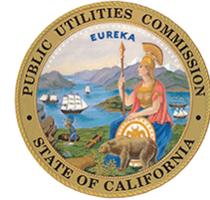


Federal Funding Account Round 2

Project Summaries Data Dictionary



This data dictionary accompanies the Federal Finding Account (FFA) Round 2 Project Summaries data. This data was provided by applicants. Project Summaries are based on Decision 22-04-05, Appendix A, Section 9.1. Data is subject to Commission review. The polygons have been estimated when not submitted with an application.

Field Name	Full Name	Description	Type	Example
GMS_ID	Plan ID	A unique application identifier.	Text	a1B0r0Z2i5s
Proj_Name	Project Name	A short name of the proposed project.	Text	Lincoln County Project 1A
Applicant	Applicant Name	Name of the applicant entity.	Text	Internetatelecom Commercial, LLC
County	County	County location of the project.	Text	Contra Costa
CPCNU_Num	CPCN or U Number	A Certificate of Public Convenience and Necessity (CPCN) number.	Text	U-6575309-C
Con_Pers	Contact Person	Point of contact person for the application.	Text	George Washington
Con_Pos	Contact Position	Position of the point of contact person.	Text	President, Regulatory Affairs
Amt_Req	FFA Amount Requested	Amount of FFA grant requested.	Numeric	\$696,099.41
Proj_Cost	Project Cost	Total cost of the proposed project.	Numeric	\$1,035,099.41
MHI	Median Household Income	Median household income in the project area.	Numeric	\$71,944.00
Num_Bus	Number of Business Locations	Number of business locations in the project area that will receive new or improved service.	Numeric	0
Num_AI	Number of Anchor Institutions	Number of anchor institution locations in the project area that will receive new or improved service.	Numeric	0

Num_PSL	Number of Public Safety Locations	Number of public safety locations in the project area that will receive new or improved service.	Numeric	0
MaxDown	Maximum Download Speed (Mbps)	Maximum Mbps download speed for locations in the project area that will receive new or improved service.	Numeric	1000
MaxUp	Maximum Upload Speed (Mbps)	Maximum Mbps download speed for locations in the project area that will receive new or improved service.	Numeric	1000
MM_Unsv	Number of Mass Market Unserved Locations	Number of mass market locations within the project area that will receive new or improved service.	Numeric	131
Maj_Infra	Description of the major infrastructure to be deployed	A description of the major infrastructure to be deployed under the proposed project that includes the following: miles of planned fiber, central offices to be used, number of remote terminals/fiber huts to be built, and if an indefeasible right of use (IRU) will be used.	Text	The project will place 6.33 miles of planned fiber and will utilize 1 central office to connect 143 locations with premier Fiber-To-The-Premises (“FTTP”) symmetrical services. This project involves 100% last mile fiber deployment. The deployed network technology is 10 Gbps-capable, and currently supports symmetrical 5 Gbps residential broadband speeds. In addition, as reflected by the publicly available results of the FCC’s Measuring Broadband America Program, xPON readily meets speed and latency requirements (i.e., <100 ms latency). (See generally FCC, Measuring Broadband America (last accessed Jan. 30, 2021)). In fact, according to Ookla Speed test results for the 2nd quarter 2023, Accordingly, the network to be deployed readily supports high bandwidth applications in use today like video conferencing, telehealth services, and gaming, as well as emerging augmented/virtual reality applications that are increasingly a part of daily living and a premium broadband service experience.

Perc_UG	Estimated percentage of infrastructure proposed for underground installation	Percentage of underground fiber that will be installed in the project area.	Numeric	70
M_Equip_Exp	Major equipment expenses	A summary of major installation and equipment expenses such as fiber optic cables, hubs, routers, switches, etc.	Text	In total, major networking equipment expenses will account for \$1,000,000 of the project budget, all of which is requested through this grant application. These assumptions have been calculated based upon known network elements of broadband infrastructure and through Magellan's extensive experience in telecommunications.
MnT	Estimated project plan with major milestones and construction timeline	A list of major milestones and construction timeline for the proposed project.	Text	FFA grant application: Quarter 2 of 2025 Design engineering: Quarter 2 of 2025 High level design: Quarter 2 of 2025 Low level design: Quarter 2 of 2025 Final design: Quarter 2 of 2025 CEQA Review (exemption): Quarter 1 of 2025 Permitting: Quarters 2-3 of 2025 Construction bid: Quarter 2 of 2025 Bid award: Quarter 3 of 2025 Staking/preconstruction: Quarter 3 of 2025 Backbone construction: Quarter 4 of 2025-Quarter 2 of 2026 Splicing and network connection: Quarter 2 of 2026 Grant-funded service drop installation: Quarter 2 of 2026 Network launch: Quarter 3 of 2026

<p>Proj_Desc</p>	<p>Description of the proposed broadband project plan</p>	<p>A project description of the proposed broadband plan, which includes:</p> <ul style="list-style-type: none"> -Type of technologies to be provided in the proposed project area. -Upload and download speed capabilities of proposed facilities. -Construction details to enable a preliminary indication of the need for a California Environmental Quality Act (CEQA) review and if proposed project areas contain any environmentally sensitive areas. For example, when trenching is required, the description must include the manner in which the site is to be restored post-trenching. -Identification of any existing available facilities that will be leveraged. -An explanation of why any Middle Mile facilities in the proposed project are necessary for accessing the proposed last-mile infrastructure. -A statement accepting the State's SB 156 open access requirements for any Middle Mile facilities in the proposed project area. 	<p>Text</p> <p>This publicly-owned project is a joint build between the County of Lincoln and the State of California's Department of Technology (CDT), utilizing Internetatelecom Commercial's experience constructing fiber networks, running along Highways 123 and 567 in Lincoln County. Last-mile connections will be deployed by Internetatelecom Commercial, with an anticipated reach to 101 unserved locations. Subscribers to this network will have access to broadband symmetrical speeds ranging from 50 Mbps to 1+ Gbps to meet their unique needs. The fiber optic technology has been chosen for its "future proof" capabilities, able to adapt to the need for capacity as innovation and technologies expand. While we anticipate this project to be categorically exempt from CEQA review, a thorough review will be completed by the County's Planning Department (local CEQA authority) once design engineering is completed. This project will be constructed within existing rights of way, avoiding environmentally sensitive areas. The exact date of this review will be determined post award once design engineering is complete.</p>
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