

Data Legend for the Geographic Boundary of Proposed Project Area

INSTRUCTIONS:

1. The KMZ or Shapefile must be submitted as a compressed data file (*.zip file).
2. Add your *DBA name* to the beginning of the file name, followed by an underscore “_”.
EXAMPLE: *AAA_Project_Name_<year>*).
3. Submit to [CASF Application Questions@cpuc.ca.gov](mailto:CASF_Application_Questions@cpuc.ca.gov) by the deadline.

WHAT THE MAP SHOULD SHOW:

Applicants should submit polygons in a KMZ or Shapefile format representing the proposed project area containing CASF Eligible Serviceable Locations and maximum advertised speeds per technology.

The data associated with each polygon should indicate the proposed maximum advertised downstream and upstream data speeds associated with that network technology, and the coverage area polygon should depict the boundaries where proposed users should expect to receive those advertised speeds.

STANDARDS:

1. All map areas must be closed, non-overlapping polygons with a single, unique identifier.
2. Any variation in any of the required fields necessitates the creation of a separate polygon showing the relevant coverage. In other words, each polygon must have a single value for each of the following fields: technology, downstream bandwidth, and upstream bandwidth.
3. The KMZ or Shapefile must have an assigned projection with an accompanying .prj file.
4. The KMZ or Shapefile must use unprojected (geographic) WGS84 geographic coordinate system.
5. The shapefile must be submitted as a *.zip file. This can be done with a program like WinZip or, in Windows by selecting the files associated with a shapefile, right-clicking the files, then clicking ‘*Send to*’ then ‘**Compressed (zipped) folder**’.
6. In addition to the shapefile, each submitted *.zip file must include metadata or a plain text “readme” file that contains a comprehensive explanation of the methodology employed to generate the map layer including any necessary assumptions and an assessment of the accuracy of the finished product.

Please submit your data using the corresponding ‘KMZ file or Shapefile’.

DATA FIELDS:

Field	Description	Type	Example
DBA Name (DBA_Name)	Doing Business As (DBA) Name of your company. In other words, the name of the entity customers could contact to purchase service.	Text	AAA Company
FRN (FRN)	Provider FCC Registration Number – search here (ONLY numbers no other characters)	Text	0008402202
Broadband Data			
Technology of Transmission (TechCode)	<p>Category of technology for the provision of Internet access service used by the portion of the connection that would terminate at the end-user location (premises).</p> <p>Acceptable codes for this section are:</p> <p>10 = Asymmetric xDSL 11 = ADSL2, ADSL2+ 12 = VDSL 20 = Symmetric xDSL 30 = Other Copper Wireline (all copper-wire based technologies other than xDSL; Ethernet over copper and T-1 are examples) 40 = Cable Modem other than DOCSIS 1, 1.1, 2.0, 3.0, 3.1 or 4.0 41 = Cable Modem – DOCSIS 1, 1.1 or 2.0 42 = Cable Modem – DOCSIS 3.0 43 = Cable Modem – DOCSIS 3.1 44 = Cable Modem – DOCSIS 4.0 50 = Optical Carrier / Fiber to the end user (Fiber to the home or business end user, does not include “fiber to the curb”) 60 = Satellite 70 = Unlicensed Terrestrial Fixed Wireless 71 = Licensed Terrestrial Fixed Wireless 90 = Electric Power Line 0 = All Other</p>	Integer	41
Maximum Advertised Downstream Bandwidth (DownSpeed)	The proposed maximum advertised downstream bandwidth available in Mbps.	Float	100
Maximum Advertised Upstream Bandwidth (UpSpeed)	The proposed maximum advertised upstream bandwidth available in Mbps.	Float	20

Date of Deployment (<i>DeployDate</i>)	Year when the infrastructure project will be deployed.	Integer	2019
Eligible Housing Units (HUs)	Number of CASF Infrastructure Grant Eligible Housing Units within the Proposed Project Area Polygon	Integer	246