

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298

**Response Requested by March 30, 2018**

February 5, 2018

To: California Broadband, Voice, and State-franchised Video Service Providers

Subject: **Request for Broadband Deployment and Subscription Data as of Dec. 31, 2017**

If you submitted broadband data to us last year, thank you. If this is your first time submitting broadband data, it is important to know that we collect broadband deployment data for the purposes of the California Advanced Services Fund (CASF) in order to help us determine areas eligible for infrastructure grants and loans, and to help broadband policymakers engage in data-driven decision making. Additionally, the CPUC's recent decision in December 2016 (**D. 1612025**), **requires that all communications providers certificated and/or registered with the California Public Utilities Commission, that also file Forms 477 with the Federal Communications Commission, shall submit annually to the CPUC's Communications Division by March 30st, voice and broadband subscriber and deployment data at a census block level as of the prior calendar year's end in a form designated by Communications Division Staff.**

ALL PROVIDERS:

Broadband and voice data are to be submitted in the formats posted on the [Broadband Mapping Program](#) website. Please download the data formats, workbooks, or shapefiles appropriate for your submission.

MOBILE PROVIDERS:

Mobile providers may submit voice and broadband subscriber data at the census tract level. As an alternative, mobile providers may fulfill this requirement by submitting subscriber addresses, which the CPUC will then convert to census blocks.

STATE VIDEO FRANCHISE HOLDERS:

Every State Video Franchise (SVF) Holder is required by DIVCA to submit an Annual Report to the CPUC each year (Section 5960 of the CA Public Utilities Code). In addition to video availability and video subscriber data, SVF Holders must also report broadband availability (same as "deployment") and broadband subscriber data, as well as other information that is required in the Annual Report. If your organization is a SVF Holder, please check the Annual Reporting (for Holders) section of the CPUC's [Video Franchising web page](#) for reporting instructions, and continue sending your reports (per DIVCA) to the Video Franchising Group.

MIDDLE MILE DATA:

All facilities based communications providers are required to submit the location information regarding facilities owned, leased or otherwise controlled as of December 31, 2017. As part of this data, please include planned new construction through March 30, 2018.

1. **Locations of Facilities** (See [Data Format for Middle-Mile Connection Points](#)). Please submit the location data of all facilities that serve as network wholesale and interconnection access points in your network, including to BIAS providers or the public switched telephone network. Examples include: central offices, switches, cable head ends (aggregation points), meet points, points of presence, data

centers where carriers collocate, carrier hotels, mobile telephone switching offices, mobile base stations and other functionally comparable infrastructure that enables other services providers to connect with your network through wholesale services or peering arrangements. Please note that in this Data Request we are not asking for the locations of your local network loops nor the locations of services offered to customers that are not communications providers (e.g., anchor institutions, residents, etc.). In providing this information, please distinguish:

- wireline versus wireless facilities; and
- if your company is offering capacity or services to, or interconnecting with, non-affiliated BIAS providers at that location.

2. **Network Connection Facilities** (See [Data Format for Middle-Mile Network Connection Lines](#)). Please use the Middle Mile Network Connection Lines feature class in the file geodatabase provided on our website to submit the location data of all owned, leased (capital lease, not short-term) or otherwise controlled transport facilities. Please note that we are not asking for the locations of your local network loops nor the locations of services offered to customers that are not communications providers (e.g., anchor institutions, residents, etc.). In submitting this data, please distinguish the following:

- wireline facilities versus wireless;
- wireline facilities by technology type (fiber, coaxial cable, copper);
- aerial facilities from underground; and
- facilities owned from facilities leased and those otherwise under the control of your company.

For purposes of this request, please treat all facilities acquired or operated as part of a long-term capital lease, such as an IRU, as “leased facilities.” Please do not include facilities that do not fall into these categories (e.g., a short-term lease).

We ask all facilities based providers that do not own or otherwise control the facilities mentioned in Items 1 and 2 of this section to indicate so via an email to broadbandmapping@cpuc.ca.gov. We ask providers that filed complete submissions in 2017 that will not change in the 2018 submission to indicate so via an email to broadbandmapping@cpuc.ca.gov. We ask providers that filed submissions in 2017 that will need to be updated to file a completely new submission that includes all of the information we’ve request, instead up supplying only changes to the networks made since the last filing.

Send questions or comments to broadbandmapping@cpuc.ca.gov

DEFINITIONS

The CPUC now uses the FCC definitions for Broadband and Broadband Deployment. The definition of voice subscriptions is based on the FCC definition but has been modified to include certain over-the-top voice providers.

Broadband: Lines (or wireless channels) that terminate at an end-user location and enable the end user to receive information from and/or send information to the Internet at information-transfer rates exceeding 200 kbps in at least one direction.

Voice Subscriptions: Total switched access lines provided via POTS or total number of interconnected VoIP subscribers or mobile voice telephony subscribers in service.

Broadband Deployment: Fixed broadband connections are deployed in a census block if the provider does, or could, within a service interval that is typical for that type of connection—that is, without an extraordinary commitment of resources—provision two-way data transmission to and from the Internet with advertised speeds exceeding 200 kbps in at least one direction to end-user premises in the census block. Companies that would rely on the ordering or installation of a not-yet-leased circuit (including unbundled network elements defined in 47 C.F.R. § 51.319, TDM-based connections, or packet-based connections) to provide service in a census block not currently served, should NOT treat that census block as having service. Dark fiber acquired under an Indefeasible Right of Use (IRU) should be considered the “owned” facilities of the company that acquired the IRU when the dark fiber is used as part of that entity’s own system.

Provider Map/Interactive Map for public use: Providers’ contact information, including website and phone number, is included on the CPUC’s interactive broadband map, in order that people in areas served by your organization can easily contact you for more information or to order service. **If you do not wish to have contact information available to those who may wish to purchase service from you, please let us know in writing.**

Confidentiality of submitted data: Please identify any information that you consider confidential. **Disclosure of confidential information is prohibited by CA Public Utilities Code Sec. 583.**

Please submit the requested data no later than **Friday, March 30, 2018** in accordance with the instructions on the CPUC’s [State Broadband Mapping Program](#) webpage, [Middle Mile Data](#) web page, and the [Video Franchising](#) web page. Send questions or comments to broadbandmapping@cpuc.ca.gov.

Thank you for your assistance and cooperation.

Sincerely,

Rob Wullenjohn
California Public Utilities Commission