

Data Request No. 1 June 4, 2018

For all data requests please provide additional details or indicate location in PEA/Appendices where these are provided.

Existing Setting

- PEA, Section 2.2.1 uses the terms “underserved”, “unserved”, and “partially served” when describing existing internet access in the project area. Provide a source or definitions for these terms and/or confirm these are intended to be as defined in the California Broadband Map?
- PEA, Section 2.2.2, page 2-1 states the communities’ internet access status as of the end of 2015. Confirm any known changes or updates to the project area’s existing access to broadband services along with source references for the Karuk tribes estimate of the percentages provided in the PEA.
- PEA, Section 2.2.2, page 2-2 states: “ A few households in these communities have limited access to U.S Cellular or Verizon Wireless 3G service, but this is generally not available throughout these communities due to limited signal transmission through dense forests and as a result of cell towers being located more than 20 miles away. Orick: In May 2015, Tsunami Wireless expanded services into Orick. They offered speeds of 6.5 mbps download and 1.6 mbps upload. A few households in this community are served by Verizon Wireless 3G or 4G services, but *these services are generally not available throughout the community.*” Confirm why not available, e.g. limited transmission etc. Also, confirm existing (geographic) signal area for the Tsunami Wireless towers.

Project Description

- Confirm that the Weitchpec Regeneration Station is no longer part of the project- this was described in a redlined version of the revised 2017 PEA but is not in the PDF version PEA, page 2-95 states that new overhead poles are anticipated to be needed in various locations It is not clear from the PEA or the GIS data which poles are new and which are existing. Provide additional details for each segment to clarify. Please provide specific quantities, details and locations for all new poles proposed to be installed as part of the project. Two examples of text that needs further clarification are provided below
 - Approximately 3.8 miles from the origin of Segment 2, a 1.1 mile spur would be installed on new pole(s) which would be erected immediately adjacent to the existing joint use utility pole- how many new poles would be required?
 - As part of the Project, an overhead electric distribution system using wooden poles and following the 5-mile long access road would be constructed to serve the existing McKinnon Hill wireless tower. These poles would also carry a fiber optic cable from the main fiber optic system along Highway 169 to the McKinnon Hill tower. Please provide more details or refer to the section of the PEA where these are provided e.g. new poles, number of poles
- PEA table 2.4-1 (page 2-63) states 106.2 miles as the overall length of segments. Table 2.4-2 on the next page states 103.9. Clarify which is correct or explain the difference, e.g. does the higher number include spur routes?
- Confirm status of design and engineering for all project structures including proposed Orick tower and antennae.

- The PEA refers to a connection with service providers in Orleans and Dows Prairie pg 2-93. Provide more details so that this can be properly described in the project description. In general, more detail is needed as to how last mile components would be constructed/installed
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- The PEA page 2-66 states that ‘the last six miles of cable installation for Segment 2 would include two substantial portions of underground installation. PG&E plans call for the installation of an extra conduit that could accommodate the Project’s fiber optic cable where the PG&E powerline goes underground and also on the bridge hang, which could facilitate future installation of Project fiber optic cable. This means that there would be minimal ground disturbance for the Project at those underground or bridge locations, because the PG&E plans also call for additional vault installation at each end of the extra underground and bridge hang conduits’. Confirm if this the bridge hang on the Pecwan Creek Bridge is part of the Project or a separate PG&E action. If separate confirm if it will be in place before the project is constructed.

General Construction

- PEA page 2-59 states that compaction standards will be met before the saw cut is repaved. What specific standards are referred to here?
- PEA page 2-61 provides information for directional drilling excavation, including quantities of excavated materials. More specific information is needed including the locations for the entrance and exit pits (bore sites) and the likely destination for excavated soils containing lubricants.
- Provide additional details regarding the quantities of material that will be excavated and exported during construction and also the amount of concrete to be imported to the site, particularly for the Orick Tower. This should include all materials and also construction solid waste and excavated soil.
- Construction traffic, provide details of peak daily round trips to site and staging yards and total daily round trips for hauling. What would be the maximum number of truck trips?
- Confirm hours of construction (i.e., Monday through Friday 7:00 am to 4:00 pm)
- Staging and Laydown areas are listed in Section 2.4.8.7 (on page 2-100) please confirm that these are the only laydown and staging area proposed to be utilized. Text states that ‘ The Karuk Tribe assumes that there are sufficient areas that are previously disturbed, were used for similar functions in the past, and are or can be fenced and gated to provide security for the stored items’. If others are proposed, please provide details including area of temporary disturbance and locations. Also “EMP G-7 states that if the construction contractor wishes to utilize other laydown areas or staging areas, it is up to the contractor to show to the satisfaction of agencies with jurisdiction prior to their use during construction that those areas provide similar or less disturbance than those shown in this document.” In order to be included in the evaluation in the CEQA document all proposed/potential staging and laydown areas need to be identified and described.
- PEA page 2-59 describes ‘compaction standards’ for saw-cutting. Confirm which standards this refers to.
- It is estimated that approximately xx construction workers per day would be required to construct the Proposed Project at its peak, with up to approximately xx workers at one time. The peak of construction would occur xxx. Provide missing details.

Orick Tower

- For construction of the Orick tower, Table 2.4.6 (page 2-97 of the PEA) provides estimates for crew and equipment for construction of most of the facilities, no information is provided for installation of the ice bridge. Please provide estimates for crew and equipment needed for the ice bridge construction.
- Please confirm if the existing structures on the proposed Orick Tower site (former gas station on the north side of Highway 101) are proposed to be altered or removed to facilitate placement of the Orick Tower. Also, if known, confirm final selection of site for this tower.
- PEA page 3-8 states that one of the proposed sites for the Orick Tower is a Caltrans storage yard. If the Caltrans storage yard is to be used as the Orick tower location, please provide more details e.g. precisely where, describe yard, access, construction methods if different from other proposed location
- The ISMND will evaluate only one new Orick Tower. Confirm that only one new tower is proposed as language in the PEA states 'Wireless services would be provided by a series of antennae, either located on new towers built for the Project (Orick and others to be determined as engineering is completed)'
- The Orick Tower includes a hut to enclose the power supply. Confirm the maximum size of the hut as text states ' . The hut may be as small as 6' x 6' x 8' tall or may be larger '
- Provide a reference for the specifications for the generator at the new Orick Tower- text refers to a noise level of 63 DBA at a distance of 23-feet from the generator.
- Please confirm if tree removal is proposed as part of the project.