



POWER ENGINEERS, INC.

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June 8, 2022

Michael Rosauer
CPUC Project Manager
California Public Utilities Commission
505 Van Ness Avenue

San Francisco, CA 94102

Subject: Lassen Substation Project – Request for Notice to Proceed-2

Dear Mr. Rosauer,

PacifiCorp filed an application for a Permit to Construct the Lassen Substation Project (Project) with the California Public Utilities Commission (CPUC) to construct, operate and maintain the Lassen Substation Project. PacifiCorp proposes to replace and upgrade the existing Mt. Shasta substation serving the City of Mt. Shasta.

The Project consists of the construction of the new Lassen Substation and pole replacement and reconductoring activities. The existing and proposed substations are located to the west of Interstate 5 (I-5) in unincorporated Siskiyou County, adjacent to the City of Mt. Shasta. After the new Lassen Substation is constructed, the existing Mt. Shasta Substation will be removed. The Project also includes transmission line upgrades and distribution line upgrades. Existing transformers in the Mt. Shasta Substation will be replaced with 12.47-kilovolt (kV) transformers in the new Lassen Substation, which require the existing 4.16 kV distribution lines, which currently supply the City of Mt. Shasta, to be upgraded to 12.47 kV distribution lines. To accommodate the additional weight of the new distribution lines and maintain compliance with Title 8 of the California Code of Regulations and CPUC General Order 95, 36 wooden poles along Line 2 will be replaced over approximately 1.5 miles. The replacement poles for Line 2 will be designed and built to allow for operating a 115 kV transmission system.

Implementation of the proposed Project will ensure that PacifiCorp's equipment and structures comply with current state and federal standards, including the replacement of aging and non-standard equipment and the removal of sulfur hexafluoride distribution breakers; ensure a reliable ongoing electricity supply to the area currently served by the Mt. Shasta Substation; and facilitate regional bulk transmission voltage stability and improve bulk power transfer across the region.

ACTION REQUESTED FOR THIS NOTICE TO PROCEED-2

POWER Engineers, Inc. (POWER), on behalf of PacifiCorp, is requesting a Notice to Proceed #2 (NTP-2). This phase of the Project includes pole replacement and distribution line work planned to begin **June 15, 2022**.

Work activities associated with this NTP-2 includes the following:

- Transmission pole replacement.
 - 36 Transmission structures replaced, reconductoring of wire

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- Distribution “under build” reconductoring on new transmission poles
- Removal of the 4kV circuits
- Transmission Pole placement.
 - Existing transmission poles will be removed from the ground and not cut at ground level. Hole can be backfilled using soil removed for the new and adjacent poles.
 - New Fiber glass poles to be used; direct embed into the ground.
- Distribution improvements in the City Mt. Shasta.
 - Transformer step-down stations will be placed in service, upgrade to 12kV, but some areas will remain as 4kV so “step-down” is needed.
 - Reconductoring of distribution conductor on existing poles.

The staging area for work as part of NTP-2 will utilize the same areas used during NTP-1; the fenced, new Lassen substation site and the areas adjacent to the substation site that have been previously graded and used for material storage.

Work associated with demolition of the existing Mount Shasta substation is anticipated to occur Fall/Winter 2022 and is not to be included as a covered activity in this NTP-2. PacifiCorp will submit a future NTP-3 as a covered activity, prior to initiating this phase of construction.

Work activities associated with a future NTP-3 request will include the following

- Mount Shasta HAZMAT survey.
- Mount Shasta demolition work.

Below is a list of all high-level Project milestones:

NTP-1

- Substation construction complete: October 2021
- Underground distribution boring: Late June-July 2022

NTP-2

- Transmission pole replacement: June 2022 – September 2022
- Distribution Upgrades: June 2022 - September 2022

NTP-3

- Mount Shasta HAZMAT survey: October 2022
- Mount Shasta demolition: October/November 2022

PERMITTING REQUIREMENTS

PacifiCorp has completed licensing under the California Environmental Quality Act (CEQA) and CPUC jurisdiction. An Initial Study/Mitigated Negative Declaration (IS/MND) has been prepared and it was determined that with the incorporation of mitigation measures the Project will not have a significant effect on the environment.

The following permits are required prior to the issuance of this NTP-2. Status of each permit has been provided for reference.

- **CPUC Permit to Construct**
 - Approved by the CPUC May 6, 2019.

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- **Final Initial Study/Mitigated Negative Declaration**
 - Approved by the CPUC May 6, 2019.
- **404 Pre-construction Notification**
 - Obtained approval April 2018.
- **1602 Streambed Alteration Program/Lake or Streambed Alteration Agreement (LSAA)**
 - January 31, 2017, received email correspondence from CDFW stating that the Project does not need a LSAA.
- **401 Water Quality Certification**
 - Obtained September 1, 2017.

CPUC NTP SUBMITTALS

In compliance with the Applicant Proposed Measures (APM) and Mitigation Measures (MM) in the Final IS/MND and permitting requirements, the following plans have been prepared and approved by reviewing agencies for the proposed Project and were provided to CPUC as part of NTP-1.

- Dust Control Plan (*APM-AQ-1*)
- Fire Protection and Prevention Plan (*MM-HAZ-2*)
- Hazardous Materials, Emergency Response, and Spill Prevention, Control, and Countermeasure Plan (*APM-HAZ-2 and APM-HAZ-3*)
- Worker Environmental Awareness Program (*APM-BIO-8*)
- Stormwater Pollution Prevention Plan (*APM WQ-1*)
- Traffic Management Plan (*APM-TT-1*) – Traffic plan has been updated by the contractor and is included with this NTP-2 request. The updated plan reflects transmission and distribution specific traffic controls and driving mats details.

In compliance with APM-BIO-1, APM-BIO-3, APM-BIO-7, and APM-BIO-12, the following surveys and studies have been completed.

- Willow Flycatcher Survey and Report
- Botanical Survey and Report
- Revegetation Plan, includes the topsoil salvage plan
- Bat Survey and Report

Thank you in advance for your consideration of this NTP-2, we look forward to continuing working with you as the next phase of Project construction begins. If you have any questions, please contact me at (714) 914-2409 or kim.quinn@powereng.com.

Sincerely,



Kim Quinn
Environmental Planner

cc: Allison Rice, Dudek
Mike Strand, POWER
Dave Schober, PacifiCorp
John Aniello, PacifiCorp