



February 19, 2019

Mr. Peter Mackin, Chairman
WECC Studies Subcommittee
GridBright Inc

Mr. Doug Tucker
WECC Technical Staff
155 North 400 West, Suite 200
Salt Lake City, Utah 84103-1114

2019 ANNUAL PROGRESS REPORT

In accordance with reporting guidelines by the WECC Progress Report Policies and Procedure, please find attached Puget Sound Energy's 2019 Annual Progress Report on significant additions and changes to our system. Please call me at (425) 456-2355 if you have any questions.

Sincerely,

Puget Sound Energy, Inc.

By Erik Olson
Electrical Engineer, PSE

Enclosure

cc: Peter Jones
Stephanie Imamovic
Yara Khalaf

2016 Annual Progress Report to WECC

Puget Sound Energy

The following projects will be reported in the 2019 “Existing Generation and Significant Additions and Changes to System Facilities” report in accordance with pages 112-119 of the “WECC Project Coordination, Path Rating and Progress Report Processes”. These projects do not have regional impacts to the WECC Interconnected System.

Transmission Additions and Changes

Waiver of “Significant Transmission Project” has been granted on the following -

**1. Pierce County Transformer Addition and Line Reroutes
Completed 2018**

The project is to install a 230-115 kV transformer at Alderton Substation and build 8 miles of 230 kV transmission line from White River Substation to Alderton Substation, as well as re-routing 115 kV lines. PSE requests a waiver of significant transmission project status for this project. The project is intended to provide additional capacity to serve the projected load growth in Pierce County and surrounding areas. It has no impact to the WECC or any neighboring electric systems.

**2. Eastside 230 kV Transformer Addition and Line
Estimated Date of Operation: 2020**

This project had been titled “Lakeside Substation 230 kV Transformer Addition” in progress reports prior to 2013.

The project will involve installation of a 230-115 kV transformer at Lakeside Substation. This project includes rebuilding the Sammamish-Lakeside-Talbot 115 kV lines, energizing one or both at 230 kV to provide a source to Lakeside Substation and transmission capacity. This is more effective for local load service and transmission reliability than the alternative of installing a 230-115 kV transformer at Lake Tradition Substation. This transformer will address NERC planning criteria and provide additional capacity to serve the projected load growth in north central King County and surrounding areas.

**3. West Kitsap Transmission Project Phase II
Estimated Date of Operation: 2023**

The project is to install a 230-115 kV transformer at Foss Corner Substation, and build a 230 kV line from Foss Corner to a future line bay position in the BPA Kitsap 230 kV Substation. PSE requests a waiver of significant transmission project status for this project. The project is intended to provide additional capacity to serve the projected load growth in Kitsap County and surrounding areas. It has no impact to the WECC or any neighboring electric systems.

**4. Skookumchuck Wind Generation Project
Estimated Date of Operation: 2019**

This project will be built approximately 13 miles Northeast of Centralia and will interconnect to the BES at Tono Substation. The project will provide 158.7 MW of wind generation which will help mitigate some of the generation lost due to the Centralia Big Hanaford Power Plant retirement. The generation will be used to help feed PSE load in Thurston County and the South Puget Sound Area.