2025 ANNUAL PROGRESS REPORT TO WECC

Puget Sound Energy

In accordance with WECC Progress Report Policies and Procedures, the following is PSE's 2025 Annual Progress Report. These completed and planned facility modifications and additions are in conformance with NERC Standards and the WECC "Progress Report Processes" guidelines. PSE included these projects in its most recent annual transmission assessment pursuant to NERC Standard TPL-001-5.1 and TPL-001-WECC-CRT-4. PSE has coordinated with its adjacent Transmission Owners to ensure the projects do not introduce any adverse impacts to any neighboring Transmission Owner's interconnected systems.

Recently Completed Projects

1. **Energize Eastside 230-kV Transformer Addition and Line**

   This project was completed in December of 2024. It provides additional capacity to serve the projected load growth in the Eastside area of King County and to address NERC planning standards requirements. The project entailed converting the existing two Lakeside-Talbot Hill 115-kV lines and the two Lakeside-Sammamish 115-kV lines from 115-kV to 230-kV using 1590 kcmil ACSS Falcon conductor. The project also added one new 325 MVA 230/115-kV transformer at the new Richards Creek substation near the existing Lakeside Substation.

Future Generation Projects

1. **Spire I and II Battery Energy Storage System (BESS)**

   Description: Spire I & Spire II, each with a capacity of 100 MW, are planned to be built in Skagit County and interconnect at PSE's Fredonia 115-kV Substation. To accommodate Spire I and Spire II, the March Point – Sedro Woolley #2 115-kV Line will be reconfigured and looped in and out of the new Fredonia Substation.

   Planned Operating Date: 3/30/2028

   Project Status: The two projects each have a signed Interconnection Agreement and are in the process of receiving a Transmission Service Agreement. They have both been been posted publically to PSE's Plan.

2. **Goldeneye Battery Energy Storage System (BESS)**

   Description: Goldeneye BESS, with a total capacity of 200 MW, is planned to be built in Skagit County and interconnect at PSE's Sedro Woolley 230-kV Substation. To accommodate Goldeneye BESS, two strain buses at Sedro Woolley 230-kV Substation will be upgraded to 100 C, and approximately 7.2 miles of the Sedro Woolley-Horse Ranch Tap-SCL Bothell 230-kV Line will be upgraded to 100 C.

   Planned Operating Date: 9/01/2028

   Project Status: The project has a signed Interconnection Agreement and is in the process of receiving a Transmission Service Agreement. It has been posted publically to PSE's Plan.

3. **Greenwater Battery Energy Storage System (BESS)**

   Description: Green Water BESS, with a total capacity of 200 MW, is planned to be built in Pierce County and interconnect at PSE's system at PSE's White River 230-kV Substation

   Planned Operating Date: 9/30/2028

   Project Status: The project has a signed Interconnection Agreement and is in the process of receiving a Transmission Service Agreement. It has been posted publically to PSE's Plan.

Waiver of Significant Impact Status

The following are planned transmission projects within the PSE system for which waivers of "Significant Impact" Status for the purpose of Project Coordination Review Process are being requested.

1. **Double Circuit MidC-White River 500-kV Lines and Longhorn-MidC 500-kV Line**

   Description: The project starts at BPA's proposed 500-kV Longhorn Substation, which will serve as the western terminal of the Boardman – Hemingway project being jointly developed by PacifiCorp and Idaho Power. A new approximately 90-mile 500-kV single circuit transmission line in a greenfield right of way ("ROW") will connect the Longhorn 500 kV Substation to a new PSE owned 500-kV substation (referred to as "MidC" until a naming convention is selected) near BPA's existing Vantage Substation. A new double circuit 500-kV transmission line will cross the Cascade mountain range, traveling approximately 130-miles in a new greenfield ROW, from PSE's new MidC substation to PSE's White River Substation, located in Pierce County. The project's greenfield development could occur, in part, in existing transmission line corridors and will be the subject of future routing analyses. A new 500-kV yard at White River will be built to terminate the new transmission lines. The 230-kV and 115-kV yards at White River will be rebuilt for the addition of new 500 / 230-kV transformation and to increase reliability.

   Planned Operating Date: 2033-2035

   Project Status: This project is in the planning phase. It has been publically posted to PSE's Plan.

   Waiver of Significant Impact Reasoning: This project is being submitted to the Northern Grid Planning Process for regional coordination. It is also being studied in the Area 40 WPP 20-year cases.

2. **Issaquah Area Distribution Capacity**

   Description: This project includes the development of Grand Ridge Substation on property owned by PSE in the Issaquah Highlands. Grand Ridge Substation will be looped into the BPA-owned PSE Sammamish – BPA Maple Valley 230-kV line.

   Planned Operating Date: 2027

Project Status: This project is in the design phase. It has been publically posted to PSE's Plan.

Waiver of Significant Impact Reasoning: This project is not expected to have a significant impact on the Western Interconnection.

3. Sedro Woolley 230-kV Substation Upgrade

Description: There are limiting facility elements identified in PSE's Sedro Woolley 230-kV Substation. The project will impact multiple tie lines out of Sedro Woolley 230-kV Substation and upgrade the facility ratings. Upgrades may include CT replacement, bus upgrades, etc.

Planned Operating Date: 2027

Project Status: This project is in the design phase. It has been publically posted to PSE's Plan.

Waiver of Significant Impact Reasoning: This project is not expected to have a significant impact on the Western Interconnection.