



Proposal

Puget Sound Energy, Inc. (PSE) proposes to construct a new substation, Richards Creek Substation, in Bellevue and upgrade 16 to 18 miles of two existing 115 kV transmission lines with 230 kV lines. Collectively this proposal, which spans from Renton to Redmond, is referred to as Energize Eastside.

In Bellevue, PSE is proposing to apply for permits to construct the project in two phases.

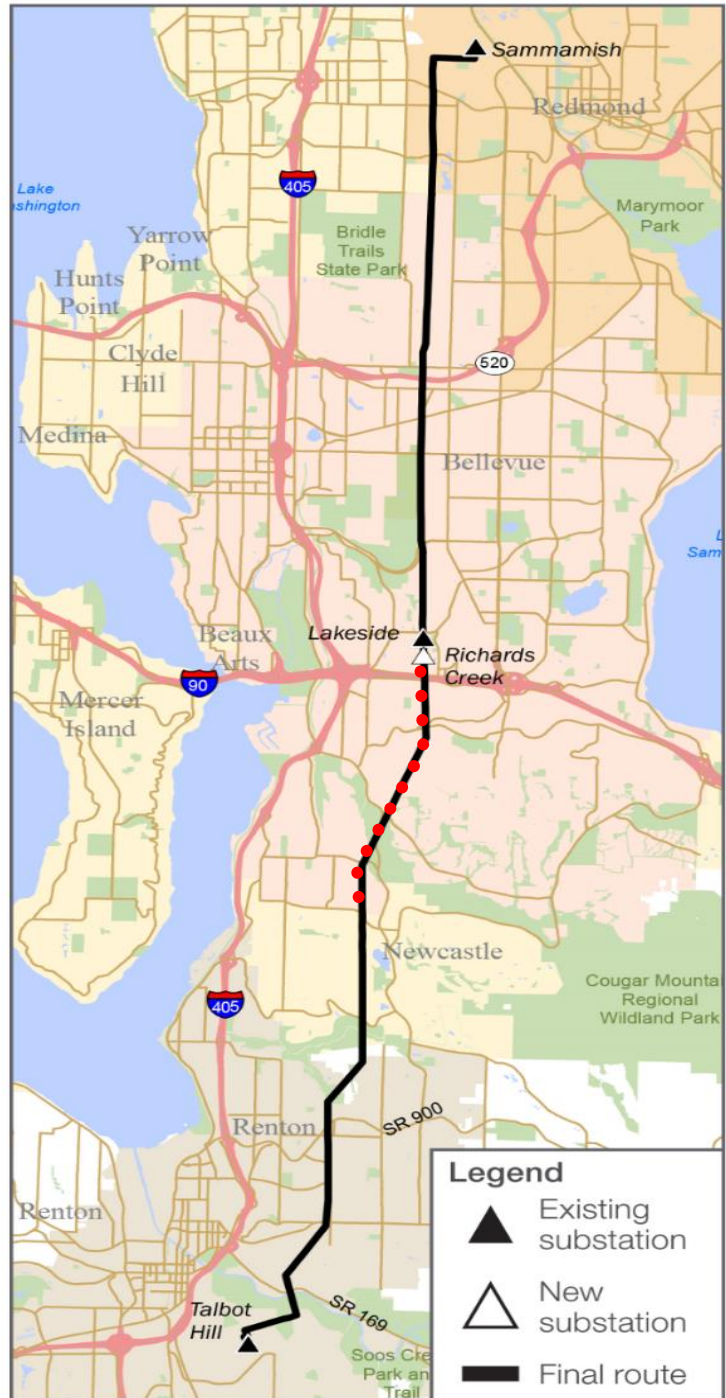
Permitting Phase 1

Permits for the South Bellevue Segment include upgrading 3.3 miles (the Bellevue portion) of existing 115 kV lines with 230 kV lines between the Lakeside Substation and the southern city limits of Bellevue.

The remainder of the southern portion of the project continues through the City of Newcastle, unincorporated King County and the City of Renton. Bellevue only has permitting authority for work proposed within Bellevue city limits.

Permitting Phase 2

Permits for the northern segment (north of the Lakeside Substation to the northern city limits) have not been applied for yet.



●●●●● South Bellevue

Figure 1: Proposed transmission alignment



FACT SHEET

Project Description

The project involves the replacement of existing wood H-frame poles with steel monopoles of a variety of designs. (See Table 1 below for general information about pole design.) Within the existing utility corridor, the proposed pole locations for the rebuilt lines will generally be in the same locations as the existing poles.

	1 Double-Circuit Monopole (C-1)	2 Single-Circuit Monopoles (C-2)	2 Single-Circuit Monopoles (C-16)	1 Double-Circuit Monopole (C-1B)	2 Single-Circuit Monopoles (C-18)
Typical Height	95 feet	94 feet	81 feet	99 feet	96 feet
Pole Replacement	Replaces 4 existing poles (2 H-frame structures) with 1 pole in most areas	Replaces 4 existing poles (2 H-frame structures) with 2 poles in some areas	Replaces 4 existing poles (2 H-frame structures) with 2 poles in some areas	Replaces 4 existing poles (2 H-frame structures) with 1 pole in most areas	Replaces 4 existing poles (2 H-frame structures) with 2 poles in some areas
Diameter for typical poles (at base)	Typically 4.5–6 feet	Typically 3.5–5.5 feet	Typically 2.5-5.5 feet	Typically 4.5-6 feet	Typically 3.5-6.5 feet
Drawing of Pole Configuration					
Simulations					

Table 1: Pole Designs



FACT SHEET

The project includes construction of the Richards Creek Substation, a new 230 kV to 115 kV substation, located directly south of PSE's existing Lakeside Switching Substation. The new substation will be on parcel [1024059083 \(13625 SE 26th St.\)](#), currently used as a PSE pole-storage yard. The parcel is 8.46 acres in size and contains critical areas (i.e., steep slopes, wetlands and streams). Access to the substation is from SE 30th Street. See Figure 2 and 3 below.

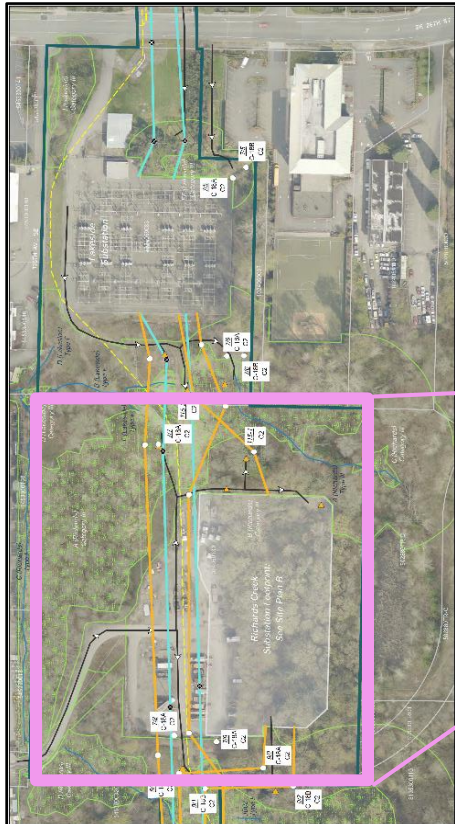


Figure 2: Proposed Richards Creek

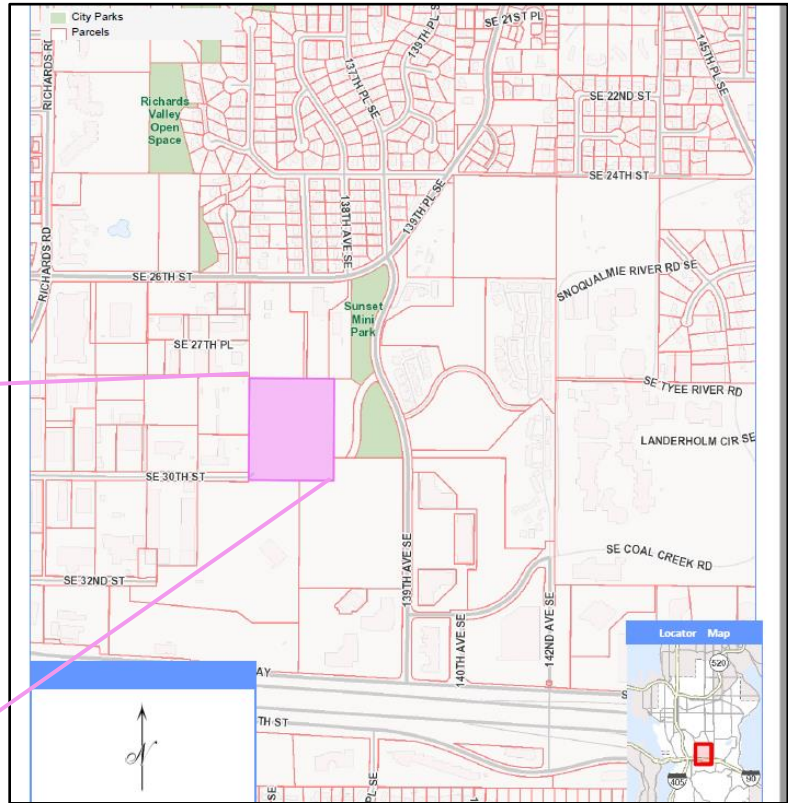


Figure 3: Richard Creek Substation Vicinity Map

To meet federal National Energy Regulatory Corporation (NERC) vegetation management requirements and PSE standards, selective tree removal will be required within the existing managed transmission corridor. PSE proposes removal of up to 550 trees within the substation property and their transmission right of way (i.e., existing corridor). PSE has submitted a Vegetation Management Plan with their application detailing the management requirements and the proposed tree removal. Mitigation for tree removal will be determined through the conditional use process. Preliminary mitigation plans have been submitted for critical-areas impacts.



FACT SHEET

Permit Process

PSE has submitted an application for a [Conditional Use Permit \(File # 17-120556-LB\)](#) and a [Critical Areas Land Use Permit \(File # 17-120557-LO\)](#).

A Conditional Use Permit (CUP) is a [Process I land use decision](#), a quasi-judicial decision made by the City's Hearing Examiner, who will make a decision on the application after holding a public hearing. The decision of the Hearing Examiner on a Process I application is appealable to the City Council. The City Council action deciding the appeal and approving, approving with modifications, or denying a project is the final City decision on a Process I application. A final decision on the application may be appealed to Superior Court.

A Critical Areas Land Use Permit (CALUP) is a [Process II land use decision](#), an administrative decision made by the director of Development Services. Appeal of a process II decision is consolidated with the Process I public hearing on the recommendation for the CUP. The decision of the hearing examiner may also be appealed to Superior Court.

CONDITIONAL Land Use Permit	Notice of Application	Public Meeting & Comment Period Staff Review	Director Issues Recommendation	Public Hearing	Hearing Examiner Issues Decision^{1,4}
CRITICAL AREAS Permit	Notice of Application	Public Meeting & Comment Period Staff Review	Director Issues Decision^{2,4}		

¹ Decision can be appealed to the City Council

² Decision can be appealed to the Hearing Examiner

³ Decision can be appealed to the Shoreline Hearings Board (Not applicable)

⁴ Decision by EBCC or decisions on administrative appeals (notes 1-3) can be appealed to King County Superior Court

Next Steps & Public Participation

Staff continues to evaluate the proposal and is waiting for additional information from PSE in response to the city's request. Once all information has been provided, the Director will finish preparing the decision and recommendation staff report. [Public comments](#) will be accepted up until the point staff prepares a recommendation on the applications. Comments should be directed to the permit project manager listed below.

It is anticipated that a public hearing may be held in early **November 2018**. Notice of the public hearing is sent to the same parties listed on the notice of application and additional parties of record. The notice will be published 21-days prior to the public hearing. Prior to the hearing, the hearing examiner will hold a prehearing conference. Any person interested in the project may attend the prehearing conference. During the conference the hearing examiner will explain the format and procedures of the hearing. Comments may be provided during the public hearing either as written or oral comment.

Staff Contacts

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