



Puget Sound Energy
P.O. Box 97034
Bellevue, WA 98009-9734
PSE.com

March 26, 2021

Filed Via Web Portal

Mr. Mark L. Johnson, Executive Director and Secretary
Washington Utilities and Transportation Commission
621 Woodland Square Loop SE
Lacey, WA 98503

**RE: Advice No. 2021-08
Electric Tariff Revision – Filed Electronically**

Dear Mr. Johnson:

Pursuant to RCW 80.28.060 and WAC 480-80-101 and 480-80-105(1)(c), please find enclosed for filing the following proposed revisions to the WN U-60, Tariff G for electric service of Puget Sound Energy (“PSE”):

2nd Revision of Sheet No. 62 – Schedule 62 Substation and Related Equipment Capacity
Attachment “A” to Schedule 62 - Facilities Agreement

The purpose of this filing is to submit tariff revisions to make available the optional Schedule 62 service to Customers who are receiving Primary Electric Service under PSE’s Schedules 26 and 31.

While the proposed change is applicable to any Primary voltage customers, the initial and main driving factor for this proposal was a request from an electric light rail service customer who will require substantial dedicated standby capacity to meet operational requirements under the Standard 1653.2—Uncontrolled Traction Power Rectifiers for Substation Applications Up to 1500 V DC Nominal Output—of Institute of Electrical and Electronic Engineers, Inc. (“IEEE”). IEEE’s Standard 1653.2 (“IEEE 1653.2”) is used in the design of the light rail system in the Puget Sound areas.¹ Each traction power substation (“TPSS”) that is located along the light rail system route and connected to the local power utility company needs be rated for extra heavy-duty traction power service in accordance with IEEE 1653.2 subsection 7.3.3 Extra Heavy Traction Service. A TPSS, which includes all equipment necessary to transform and rectify AC three-phase voltage to DC electrification voltage, would receive PSE electric service under Schedule 26 or 31 Primary service. A TPSS is required to operate during any light rail operation conditions including under normal and contingency conditions. Substantial capacity on PSE’s distribution system will need to

¹ <https://www.soundtransit.org/sites/default/files/documents/design-criteria-manual-feb-2021.pdf>

Received
Records Management
03/26/21 14:06
State Of WASH.
UTIL. AND TRANSP.
COMMISSION

Mr. Mark L. Johnson
March 26, 2021
Page 2 of 2
Advice No. 2021-08

be set aside in order to meet the IEEE 1653.2 requirement of a TPSS. Schedule 62 capacity leasing service will allow PSE to reserve capacity on its system to serve a TPSS instead of the construction of dedicated facilities for the TPSS.

The tariff sheets described herein reflect an issue date of March 26, 2021, and an effective date of April 26, 2021. Notice and posting of proposed tariff changes, as required by law and the Commission's rules and regulations, is being completed through web, telephone and mail access in accordance with WAC 480-100-193. The tariff changes proposed in the filing do not increase recurring charges nor restrict access to the optional services under Schedule 62.

Please contact Mei Cass at (425) 462-3800 for additional information about this filing. If you have any other questions please contact me at (425) 456-2142.

Sincerely,

/s/ Jon Piliaris

Jon Piliaris
Director, Regulatory Affairs
Puget Sound Energy
PO Box 97034, EST-07W
Bellevue, WA 98009-9734
(425) 456-2142
Jon.Piliaris@pse.com

cc: Lisa Gafken, Public Counsel
Sheree Carson, Perkins Coie

Attachment:
Electric Tariff Sheets (listed above)