



Portland General Electric
121 SW Salmon Street · Portland, Ore. 97204

July 22, 2020

Public Utility Commission of Oregon
Attn: Filing Center
201 High Street, S.E.
P.O. Box 1088
Salem, OR 97308-1088

RE: Advice No. 20-20, Pulse Output Metering

Portland General Electric Company (PGE) submits this filing to the Public Utility Commission of Oregon (Commission) pursuant to Oregon Revised Statutes 757.205 and 757.210, and Oregon Administrative Rule (OAR) 860-022-0025 for filing proposed tariff sheets associated with Tariff P.U.C. No. 18 with a requested effective date of **September 9, 2020**.

Fourth Revision of Sheet No. 300-3

The purpose of this filing is to reinstate Pulse Output Metering in Schedule 300. PGE recently discovered that Pulse Output Metering was inadvertently removed from Schedule 300 in its UE 335 general rate case when meter rentals were removed. The purpose of this filing is to reinstate pulse output metering and include two metering options and prices associated with those options. The prevalent option results in a lower charge than the previously existing \$500 charge. The additional option is more expensive, reflecting a higher equipment cost for advanced power quality data needs.

Pulse Output Metering is a service provided to the customer by means of upgrading the revenue meters functionality to provide relay outputs that represent energy measurements. These relay outputs are wired to an isolation point where the customer can connect their energy management equipment or other devices to input the revenue meters energy pulses for monitoring and/or control capabilities.

The attached work paper details the breakdown of each meter option.

To satisfy the requirements of OAR 860-022-0025(2), PGE provides the following responses:

OAR 860-022-0025 requires that PGE submit a statement of the tariff schedule change, the number of customers affected, the change in revenue, and the grounds supporting the change. The number of customers affected is unknown and this filing doesn't increase or decrease customer retail electricity prices.

Please direct any questions about this filing to Mary Widman at (503) 464-8223.

Please direct all formal correspondence and requests to the following email address
pge.opuc.filings@pqn.com

Sincerely,

\s\ Robert Macfarlane

Robert Macfarlane
Manager, Pricing & Tariffs

Enclosure(s)

SCHEDULE 300 (Continued)

PULSE OUTPUT METERING (Rule M)

Standard Meter Option (1 or 2 outputs)	\$ 350.00	(N)
Complex Meter Option (1 – 4 outputs)	\$1,300.00	(N)

NON-NETWORK RESIDENTIAL METER RATES (Rule M)

Installation of non-network meter (one time charge)	\$80.00
Non-network Meter Read	\$17.00 per month

METER RELOCATION RATES (Rule M)

Single meter relocation	Estimated Actual Costs
Single meter relocation with Pole	Estimated Actual Costs

MISCELLANEOUS EQUIPMENT RENTAL (Rule C)

Rental of transformers, single-phase to three-phase inverters, capacitors, and other related equipment	1-2/3% per month of current replacement cost at time of installation
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TRANSFORMERS (Rule I Section 3)

Submersible Transformers⁽¹⁾

Subdivision - eight dwelling units or more	\$ 250.00 per lot \$1,970.00 minimum
Mobile Home - eight spaces or more	\$ 250.00 per space \$1,970.00 minimum
Multi-Family Units - twenty units or more	\$ 100.00 per family unit \$1,970.00 minimum

(1) For all other applications, which include but are not limited to network service areas and densely populated urban areas, that require submersible transformers, the charge will be the calculated difference in cost between submersible and pad-mount transformer installations including the costs of future maintenance.