



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

November 9, 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. 20-34 Schedule 7 Residential Service Time of Use Rate**

Portland General Electric Company (PGE) submits this filing pursuant to Oregon Revised Statutes (ORS) 757.205 and 757.210, and Oregon Administrative Rules (OARs) 860-022-0025 and 860-022-0030, for filing proposed tariff sheets associated with Tariff P.U.C. No. 18, with a requested effective date of **May 1, 2021**:

- Eleventh Revision of Sheet No. 7-3
- Sixth Revision of Sheet No. 7-4
- Fifth Revision of Sheet No. 7-5

The purpose of this filing is to update PGE’s Schedule 7 Residential Service Time of Use (TOU) design. TOU uses pricing signals to encourage residential customers to shift energy use during higher-priced peak hours (when capacity constraints exist) to lower-priced, off-peak hours when demand on the grid is typically less. Aligning on-peak hours with capacity constraints encourages customers to shift usage, reducing need for construction of new power plants and contributing to decarbonizing the energy mix while supporting a reliable grid.

On February 8, 2019, PGE filed Advice No. 19-03, Schedule 7 PGE’s Flexible Residential Pricing Program that proposed Residential TOU pricing. Based on concerns raised by Staff at that time, PGE withdrew its filing on March 28, 2019. Since that time, PGE collaborated with Staff, conducted supplemental primary research, and updated the TOU pricing to ensure it is equitable (attractive to EV owners and low- to moderate-income customers alike).

PGE is proposing the following changes to its Residential TOU pricing.

	Time Period	Cents per kWh
On-Peak	5:00 p.m. to 9 p.m. Monday – Friday	26.511
Mid-Peak	7:00 a.m. to 5 p.m. Monday – Friday	9.990
Off Peak	9:00 p.m. to 7 a.m. Monday – Friday; all day Saturday, Sunday, and Holidays	7.597

These proposed prices include energy, distribution and transmission charges. The new pricing does not include seasonal price or time period differentiation. The resulting simplified TOU pricing benefits customers.

There are several reasons to update PGE's Residential TOU design;

- TOU gives residential (Schedule 7) customers the control and choice they need to help manage their energy usage and cost.
- TOU supports PGE's Demand Response and corporate objectives by supporting integration of renewable energy sources while helping reduce carbon footprint and greenhouse gas emissions.
- The new three-tier TOU design is non-seasonal, mid-peak is pegged lower than the standard price (mirroring simplicity of a two-tier rate which customers prefer) and research supports a much higher level of participation with equity across customer groups.
- PGE plans to support this new offering with personalized educational tools to help build customer awareness as well as understanding – and full transparency - of how adoption of the new TOU design impacts their specific household.

Lastly, PGE is making a housekeeping to change to Special Condition 7 to enable a more immediate reflection of the TOU rate change on the customer's bill after enrollment.

To satisfy the requirements of OARs 860-022-0025 and 860-022-0030, PGE provides the following response:

OAR 860-022-0025 and 860-0022-0030 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 proposed revisions to Schedule 7, Residential Service, do not increase, decrease, otherwise change existing prices, or impact revenues. The prices are limited to a number of customers that may choose to participate in the TOU rates, therefore, the revenue change is unknown.

Work papers supporting the revision to the TOU rate in Schedule 7 are confidential and being submitted under OAR 860-001-0070 under separate cover.

Please direct any questions regarding this filing to Chris Pleasant at (503) 464-2555. Please direct all formal correspondence and requests to the following email address [pge.opuc.filings@pqn.com](mailto:pge.opuc.filings@pqn.com)

Sincerely,

*\s\ Robert Macfarlane*

Robert Macfarlane  
Manager, Pricing and Tariffs

Enclosures

PGE Advice No. 20-34  
Schedule 7 TOU Rate

Confidential Work Papers  
Submitted under OAR 860-001-0070

**SCHEDULE 7 (Continued)**

ENERGY PRICE PLANS: DEFAULT PLAN (Continued)

Special Conditions Related to Peak Time Rebate Options

1. To be eligible for a PTR credit, the Customer must agree to receive PTR notifications.
2. The Customer may unsubscribe from the PTR event notification at any time. If the Customer unsubscribes, they will receive credit only for those events for which they are enrolled and receive notifications.
3. The PTR incentive may be provided in an on-bill credit on the Customer's next monthly billing statement or by check at the next billing statement after the event season ends.
4. Customers enrolled in Schedule 5 Direct Load Control are not eligible to participate in PTR on this schedule.
5. Customers with interconnected energy storage are only eligible for this schedule if the energy storage system is controlled by the Company and not the Customer.
6. The Company will defer and seek recovery of all PTR costs not otherwise included in rates.

TIME-OF-USE PORTFOLIO OPTION (WHOLE PREMISES OR ELECTRIC VEHICLE CHARGING) (Enrollment is necessary)

This option provides TOU pricing for transmission and related services, distribution and energy\*.

(T)

**Monthly Rate**

<u>Basic Charge</u>	\$11.00	
<u>On-Peak Charge</u>	<u>26.511</u>	¢ per kWh
Transmission and Related Services	0.640	¢ per kWh
Distribution	10.971	¢ per kWh
Energy	14.900	¢ per kWh
<u>Mid-Peak Charge</u>	<u>9.990</u>	¢ per kWh
Transmission and Related Services	0.300	¢ per kWh
Distribution	3.500	¢ per kWh
Energy	6.190	¢ per kWh
<u>Off-Peak Charge</u>	<u>7.597</u>	¢ per kWh
Transmission and Related Services	0.100	¢ per kWh
Distribution	3.500	¢ per kWh
Energy	3.997	¢ per kWh
First 1,000 kWh block adjustment**	(0.722)	¢ per kWh

(C)

(C)

\* See Schedule 100 for applicable adjustments.

\*\* Not applicable to separately metered Electric Vehicle (EV) TOU option.

**SCHEDULE 7 (Continued)**

ENERGY PRICE PLANS: TOU PORTFOLIO OPTION (Continued)

***On- and Off-Peak Hours***

On-Peak	5:00 p.m. to 9:00 p.m. Monday-Friday
Mid-Peak	7:00 a.m. to 5:00 p.m. Monday-Friday;
Off-Peak	9:00 p.m. to 7:00 a.m. Monday-Friday; All day. Saturday, Sunday and holidays

(C)  
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(C)

Note: For Customers with Non-Network Meters, the time periods set forth above will begin and end one hour later for the period between the second Sunday in March and the first Sunday in April, and for the period between the last Sunday in October and the first Sunday in November. Customers with Network Meters will observe the regular daylight-saving schedule.

Holidays are as follows: New Year's Day on January 1; Memorial Day, the last Monday in May; Independence Day on July 4; Labor Day, the first Monday in September; Thanksgiving Day, the fourth Thursday in November; and Christmas Day on December 25. If a holiday falls on a Saturday, the preceding Friday will be designated the holiday. If a holiday falls on a Sunday, the following Monday will be designated the holiday.

***Plug-In Electric Vehicle Time of Use Option***

A Residential Customer wishing to charge Electric Vehicles (EVs) may do so either as part of Whole Premises Service (default plan or TOU Portfolio option) or as a separately metered service billed under the TOU option. In such cases, the applicable Basic, transmission and related services, and distribution charges will apply to the separately metered service as will all other adjustments applied to this schedule (with the exception of the first 1000 kWh's block adjustment). Renewable Portfolio Options are also available under this EV option.

If the Customer chooses separately metered service for EV charging, the service shall be for the exclusive purpose of all EV charging. The Customer, at its expense, will install all necessary and required equipment to accommodate the second metered service at the Premises. Such service must be metered with a Network Meter as defined in Rule B (30) for the purpose of load research, and to collect and analyze data to characterize EV use in diverse geographic dynamics and evaluate the effectiveness of the charging station infrastructure.

### SCHEDULE 7 (Continued)

ENERGY PRICE PLANS: TOU PORTFOLIO OPTION (Continued)

#### ***Special Conditions Pertaining to Whole Premises and Electric Vehicle Time of Use Options***

1. Service may be terminated at the next regularly scheduled meter reading provided the Company has received two weeks' notice prior to the meter read date. Absent the two-week notice, the termination will occur with the next subsequent meter reading date.
2. Participation requires a one-year commitment by the Customer. Generally, if a Customer requests removal from the TOU Option, the Customer will be required to wait 12 months before re-enrolling. However, a Customer may request to reinstate service within 90 days of termination, in which case the Portfolio Enrollment Charge will be waived.
3. The Customer must take service at 120/240 volts or greater.
4. The Customer must provide the Company access to the meter monthly.
5. After a Customer's initial 12 months of service on the TOU Option, the Company will calculate what the Customer would have paid under the default plan and compare billings. If the Customer's Energy Charge billings (including all applicable supplemental adjustments) under the TOU Option exceeded the default plan Energy Charge (including all applicable supplemental adjustments) by more than 10%, the Company will issue the Customer a refund for the amount more than 10% either as a bill credit or refund check. No refund will be issued for Customers not meeting the 12-month requirement.
6. The Company may recover lost revenue from the TOU Option through Schedule 105.
7. Billing will begin for any Customer no later than the next regularly scheduled meter reading date following the initialization meter reading made on a regularly scheduled meter reading date. Assuming no meter exchange is required to enable the TOU rate. (C)
8. The Company may choose to offer promotional incentives, including but not limited to rebates or coupons. (C)

#### **GREEN FUTURE<sup>SM</sup> RENEWABLE PORTFOLIO OPTIONS**

Customers can add any of the following Green Future<sup>SM</sup> Renewable Portfolio options to any service described in this schedule: renewable fixed option, renewable usage option, renewable solar option, and renewable habitat option adder (Habitat Support).

The Customer will be charged for the Green Future<sup>SM</sup> Renewable Portfolio option in addition to all other charges under this schedule for the term of enrollment in the Green Future<sup>SM</sup> Renewable Portfolio option.