



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

December 21, 2020

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

RE: Supplemental Filing of 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. PGE initially filed Advice No. 20-34 on November 9, 2020 with a requested effective date of May 1, 2021, which remains as previously filed. The purpose of this supplemental filing is to update and refine PGE’s Schedule 7 Residential Time of Use Rate and continue PGE’s existing TOU with no new service until an EV-only option is introduced based on discussions between Oregon Public Utility Commission (OPUC) Staff, Oregon Citizens’ Utility Board (CUB), and PGE.

PGE is still proposing a whole-home Time of Use (TOU) rate design; however, PGE has updated the prices from those filed on November 9, 2020. The table below shows the price differences between PGE’s current TOU, the November 9, 2020 filing, and the proposal in this Supplemental Filing.

	Supplemental Filing	11/9/2020 TOU Filing	Current TOU
On Peak	30.520	26.511	20.378
Mid Peak	9.950	9.990	15.049
Off Peak	6.500	7.597	4.128
Block Adjustment	>1,000 kWh Charge 0.722	>1,000 kWh Charge 0.722	<1000 kWh Rebate -0.722

Since PGE first proposed a new rate design (February 2019), the Company has conducted additional primary and independent research to address Staff’s questions and feedback, revised the rate design, and decreased off-peak pricing to align more closely with the existing TOU rate. These adjustments have been incorporated into a design that addresses our goals of simplicity, revenue neutrality, equity, and broad appeal. The primary goal of this whole-home TOU offering is to provide price signals to residential customers that encourage load shifting away from our most constrained hours and support/strengthen our flexible load programs.

While PGE believes this rate will be attractive to EV owners, the rate is not designed to specifically target EV loads. To address Staff's concern that this will unduly impact EV owners, PGE has committed to introducing an offering focused on residential charging in the latter half of 2022 and allowing existing TOU customers to remain on the existing rate until the new offering is available.

This proposal delivers the following benefits and structure, which are designed to simplify the customer experience and messaging:

- A rate structure and prices that benefits half of PGE's overall residential population, with similar proportions among low income customers and EV owners.
- Ten (10) hours of off-peak pricing, which will be attractive to EV owners.
- A 3-tier structure (preference expressed by Staff).
- 4.7-to-1 off- to on-peak price ratio. Independent research indicates that this ratio is sufficient to drive behavioral change (Farouqui 2019) and aligns with other TOU rates approved by the Commission (specifically, PacifiCorp).
- Off-peak and mid-peak pricing that is lower than PGE's standard residential rate (thus giving customers the feel of a simplified 2-tier rate).
- Non-seasonal rates.
- On-peak pricing Monday-Friday only (excludes holidays and weekends).
- Short on-peak periods with few tiers.

In discussions with Staff, CUB, and PGE, concerns were raised that the Company should propose a lower off-peak price to attract EV owners to TOU. PGE examined lowering the off-peak price; however, PGE found that this would require it to propose a higher mid-peak price during the weekdays and introduce a mid-peak price on Saturdays. PGE estimates that EV owners currently comprise 1-2% of PGE's residential population (about 8,000 customers)—the size of which does not meet PGE's enrollment goals for this offering and does not currently provide sufficient justification for adjusting the mid-peak pricing in the proposed TOU rate.

Concerns were also raised about why PGE did not propose a winter morning on-peak time period, to reflect capacity shortfalls during some of those hours shown in PGE's 2019 Integrated Resource Plan. PGE acknowledges that there is higher demand on its system on winter mornings and market prices are high during those times. However, from the Flex 1.0 and 2.0 pilots, PGE learned that customers struggled to shift usage during the morning on-peak period and no statistically significant shift was found. PGE has other flexible load programs, such as Peak Time Rebates and the Smart Thermostat pilot, which are more likely to help deliver load shifts during winter peak mornings.

PGE's TOU rate proposal is grounded in several years of primary research, including results from our two-year Flex 1.0 Pilot and learnings on industry best practice, and is the result of 18 months of collaboration with Staff.

While PGE was not able to address all of Staff's recommendations, we believe this new proposal strikes the right balance between those concerns and the customer experience and enrollment goals PGE hopes to achieve with this offering. As discussed, PGE will continue to evaluate the rate structure and customer response in Year 1 and adjust the rate as needed to ensure it delivers the customer experience and system benefits we anticipate.

Enclosed are the following replacement sheets.

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

Enclosed are the additional sheets due to pagination.

Second Revision of Sheet No. 7-6
First Revision of Sheet No. 7-7
First Revision of Sheet No. 7-8
Original Sheet No. 7-9

A redline of Schedule 7 is attached as a courtesy.

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 and password protected.

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

Sincerely,

\s\ Robert Macfarlane

Robert Macfarlane
Manager, Pricing and Tariffs

Enclosures

PGE Supplemental Filing of 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>30.520</u>	¢ per kWh
Transmission and Related Services	0.830	¢ per kWh
Distribution	14.800	¢ per kWh
Energy	14.890	¢ per kWh
<u>Mid-Peak Charge</u>	<u>9.950</u>	¢ per kWh
Transmission and Related Services	0.200	¢ per kWh
Distribution	3.800	¢ per kWh
Energy	5.950	¢ per kWh
<u>Off-Peak Charge</u>	<u>6.500</u>	¢ per kWh
Transmission and Related Services	0.100	¢ per kWh
Distribution	2.274	¢ per kWh
Energy	4.126	¢ per kWh
Over 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	(C)
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)

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.

LEGACY TIME-OF-USE PORTFOLIO OPTION (WHOLE PREMISES OR ELECTRIC VEHICLE CHARGING) (No new service)* (C)(M)
(C)

This option provides TOU pricing for transmission and related services, distribution and Energy**. (C)

Monthly Rate

<u>Basic Charge</u>	\$11.00	
<u>Transmission and Related Services Charge TOU Portfolio</u>		
On-Peak Period	0.397	¢ per kWh
Mid-Peak Period	0.397	¢ per kWh
Off-Peak Period	0.000	¢ per kWh
<u>Distribution Charge TOU Portfolio</u>		
On-Peak Period	7.601	¢ per kWh
Mid-Peak Period	7.601	¢ per kWh
Off-Peak Period	0.000	¢ per kWh
<u>Energy Charge TOU Portfolio</u>		
On-Peak Period	12.380	¢ per kWh
Mid-Peak Period	7.051	¢ per kWh
Off-Peak Period	4.128	¢ per kWh
First 1,000 kWh block adjustment***	(0.722)	¢ per kWh

* The Legacy Time-of-Use Portfolio Option is closed to new service as of May 1, 2021. (N)

** See Schedule 100 for applicable adjustments. (N)

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

SCHEDULE 7 (Continued)

ENERGY PRICE PLANS: TOU PORTFOLIO OPTION (Continued)

On- and Off-Peak Hours

Summer Months (begins May 1st of each year)

On-Peak	3:00 p.m. to 8:00 p.m. Monday-Friday
Mid-Peak	6:00 a.m. to 3:00 p.m. and 8:00 p.m. to 10:00 p.m. Monday-Friday; 6:00 a.m. to 10:00 p.m. Saturday
Off-Peak	10:00 p.m. to 6:00 a.m. all days; 6:00 a.m. to 10:00 p.m. Sunday and holidays

Winter Months (begins November 1st of each year)

On-Peak	6:00 a.m. to 10:00 a.m. and 5:00 p.m. to 8:00 p.m. Monday-Friday
Mid-Peak	10:00 a.m. to 5:00 p.m. and 8:00 p.m. to 10:00 p.m. Monday-Friday; 6:00 a.m. to 10:00 p.m. Saturday
Off-Peak	10:00 p.m. to 6:00 a.m. all days; 6:00 a.m. to 10:00 p.m. Sunday and holidays

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)

(M)

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.
8. The Company may choose to offer promotional incentives, including but not limited to rebates or coupons.

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GREEN FUTURESM RENEWABLE PORTFOLIO OPTIONS

Customers can add any of the following Green FutureSM 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 FutureSM Renewable Portfolio option in addition to all other charges under this schedule for the term of enrollment in the Green FutureSM Renewable Portfolio option.

(M)

SCHEDULE 7 (Continued)

GREEN FUTURESM RENEWABLE PORTFOLIO OPTIONS (Continued)

(M)

Energy or Renewable Energy Certificates (RECs), as defined in Rule B of this tariff, supporting the Green FutureSM will be acquired by the Company such that by March 31 of the succeeding year, the Company will have received sufficient RECs or renewable energy to meet the purchases by Customers. For the renewable fixed and renewable usage options, the Company is not required to own renewables or to acquire Energy from renewable resources simultaneously with Customer usage.

For purposes of these options, renewable resources include wind generation, solar, biomass, low impact hydro (as certified by the Low Impact Hydro Institute) and geothermal energy sources used to produce electric power. All RECs will be Green-e certified by the Western Renewable Energy Generation Information System (WREGIS) beginning January 1, 2009.

RENEWABLE FIXED OPTION

The Company will purchase 200 kWh of RECs and/or renewable energy per block enrolled in the renewable fixed option. All RECs purchased under this option will come from new renewable resources.

The Company will also place \$1.50 of the amount received from Customers enrolled in the renewable fixed option in a new renewable resources development and demonstration fund (Renewable Development Fund or "RDF").

Amounts in the fund will be disbursed by the Company to public renewable resource demonstration projects or projects that commit to supply Energy according to a contractually established timetable. The Company will report to the Commission annually by March 15th, pursuant to Order No. 16-156, on collections and disbursements for the preceding calendar year. The annual report will include a list of projects that received or were allocated RDF funding.

Amounts placed in the fund prior to July 6, 2016 will accrue interest at the Commission-authorized cost of capital until disbursed. Amounts placed in the fund on and after July 6, 2016 will accrue interest at the Commission-authorized rate for deferred accounts in amortization until disbursed. Amounts within the fund will be disbursed on a first-in-first-out basis. Once funds have been committed to projects, following the required OPUC review, they will be deemed disbursed. Funds deemed disbursed and still held by the Company, will accrue interest at the Commission-authorized rate for deferred accounts in amortization.

Monthly Rate

Renewable Fixed Option	\$2.50	per month per block
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SCHEDULE 7 (Continued)

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GREEN FUTURESM RENEWABLE PORTFOLIO OPTIONS (Continued)

(M)

RENEWABLE USAGE OPTION

All amounts received from the Customer under the renewable usage option less administrative fees will be used to acquire RECs and/or renewable energy all of which will come from new renewable resources.

Monthly Rate

Renewable Usage Option 0.800 ¢ per kWh in addition to Energy Charge

RENEWABLE SOLAR OPTION

The renewable solar option allows participating Customers, monthly, to support a PGE sponsored utility-scale solar power plant and its renewable attributes. The Company will purchase 1 kW of the output and RECs from new solar facilities connected to the Company's electric grid per unit enrolled in renewable solar option.

In exchange for the Customer's payment of \$5.00 per unit per month, the Customer receives the environmental attributes from a local utility-scale solar project and the utility-scale solar project produces 1 kW of Energy which flows into the grid. Typical purchases may range to the equivalent of a 1, 2, or 3 kW solar panel array. At the end of each year, the Company will provide individual results to the Customer, reporting how much the Customer's Energy usage was offset by solar power and the carbon footprint reduction benefit received. The RECs purchased by the Customer will be retired on behalf of the Customer.

Monthly Rate

Renewable Solar Option \$5.00 per unit in addition to Energy Charge

RENEWABLE HABITAT OPTION ADDER (HABITAT SUPPORT)

The Company will distribute \$2.50 per month as received from each Customer enrolled in habitat support to a nonprofit agency chosen by the Company who will use the funds for habitat restoration.

Available

Only Customers who are enrolled in a Green FutureSM Renewable Portfolio option, described in this schedule, may choose habitat support.

Monthly Rate

Habitat Support \$2.50 per month

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SCHEDULE 7 (Concluded)

GREEN FUTURESM RENEWABLE PORTFOLIO OPTIONS (Continued)

(M)

SPECIAL CONDITIONS RELATED TO GREEN FUTURESM RENEWABLE PORTFOLIO OPTIONS

1. Service will become effective with the next regularly scheduled meter reading date provided the Customer has selected the option at least five days prior to their next scheduled meter read date. Absent the five-day notice, the change will become effective on the subsequent meter read date. 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 subsequent meter reading date.
2. The Company, in its discretion, may accept enrollments on accounts that have a time payment agreement in effect, or have received two or more final disconnect notices. However, the Company will not accept enrollments on accounts that have been involuntarily disconnected in the last 12 months.
3. The Company will use reasonable efforts to acquire renewable energy but does not guarantee the availability of renewable energy sources to serve Green FutureSM Renewable Portfolio Options. The Company makes no representations as to the impact on the development of renewable resources or habitat restoration projects of Customer participation.
4. Enrollment into renewable solar option: Customer agrees to participate for no fewer than 12 months.

ADJUSTMENTS

Service under this schedule is subject to adjustments approved by the Commission. Adjustments include those summarized in Schedule 100.

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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~~energy*.

Monthly Rate

<u>Basic Charge</u>	<u>\$11.00</u>	
<u>On-Peak Charge</u>	<u>30.520</u>	<u>¢ per kWh</u>
<u>Transmission and Related Services</u>	<u>0.830</u>	<u>¢ per kWh</u>
<u>Distribution</u>	<u>14.800</u>	<u>¢ per kWh</u>
<u>Energy</u>	<u>14.890</u>	<u>¢ per kWh</u>
<u>Mid-Peak Charge</u>	<u>9.950</u>	<u>¢ per kWh</u>
<u>Transmission and Related Services</u>	<u>0.200</u>	<u>¢ per kWh</u>
<u>Distribution</u>	<u>3.800</u>	<u>¢ per kWh</u>
<u>Energy</u>	<u>5.950</u>	<u>¢ per kWh</u>
<u>Off-Peak Charge</u>	<u>6.500</u>	<u>¢ per kWh</u>
<u>Transmission and Related Services</u>	<u>0.100</u>	<u>¢ per kWh</u>
<u>Distribution</u>	<u>2.274</u>	<u>¢ per kWh</u>
<u>Energy</u>	<u>4.126</u>	<u>¢ per kWh</u>
<u>Over 1,000 kWh block adjustment**</u>	<u>0.722</u>	<u>¢ per kWh</u>

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* 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

<u>On-Peak</u>	<u>5:00 p.m. to 9:00 p.m. Monday-Friday</u>	(C)
<u>Mid-Peak</u>	<u>7:00 a.m. to 5:00 p.m. Monday-Friday;</u>	
<u>Off-Peak</u>	<u>9:00 p.m. to 7:00 a.m. Monday-Friday;</u>	(C)
	<u>All day, Saturday, Sunday and holidays</u>	(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.

LEGACY TIME-OF-USE PORTFOLIO OPTION (WHOLE PREMISES OR ELECTRIC VEHICLE CHARGING) (No new service)*

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

Monthly Rate

<u>Basic Charge</u>	\$11.00	
<u>Transmission and Related Services Charge TOU Portfolio</u>		
On-Peak Period	0.397	¢ per kWh
Mid-Peak Period	0.397	¢ per kWh
Off-Peak Period	0.000	¢ per kWh
<u>Distribution Charge TOU Portfolio</u>		
On-Peak Period	7.601	¢ per kWh
Mid-Peak Period	7.601	¢ per kWh
Off-Peak Period	0.000	¢ per kWh
<u>Energy Charge TOU Portfolio</u>		
On-Peak Period	12.380	¢ per kWh
Mid-Peak Period	7.051	¢ per kWh
Off-Peak Period	4.128	¢ per kWh
First 1,000 kWh block adjustment****	(0.722)	¢ per kWh

* See Schedule 100 for applicable adjustments.

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

* The Legacy Time-of-Use Portfolio Option is closed to new service as of May 1, 2021.

** See Schedule 100 for applicable adjustments.

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

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Issued ~~November 15, 2019~~December 21, 2020

Effective for service

~~James F. Lobdell, Senior~~Brett Sims, Vice President on and after ~~January~~May 1, 2020~~2021~~

SCHEDULE 7 (Continued)

ENERGY PRICE PLANS: TOU PORTFOLIO OPTION (Continued)

(N)

On- and Off-Peak Hours

(C)

Summer Months (begins May 1st of each year)

On-Peak 3:00 p.m. to 8:00 p.m. Monday-Friday

Mid-Peak 6:00 a.m. to 3:00 p.m. and 8:00 p.m. to 10:00 p.m. Monday-Friday;
6:00 a.m. to 10:00 p.m. Saturday

Off-Peak 10:00 p.m. to 6:00 a.m. all days;
6:00 a.m. to 10:00 p.m. Sunday and holidays

Winter Months (begins November 1st of each year)

On-Peak 6:00 a.m. to 10:00 a.m. and 5:00 p.m. to 8:00 p.m. Monday-Friday

Mid-Peak 10:00 a.m. to 5:00 p.m. and 8:00 p.m. to 10:00 p.m. Monday-Friday;
6:00 a.m. to 10:00 p.m. Saturday

Off-Peak 10:00 p.m. to 6:00 a.m. all days;
6:00 a.m. to 10:00 p.m. Sunday and holidays

(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.

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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

(C)

(C)

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.

(T)

SCHEDULE 7 (Continued)

ENERGY PRICE PLANS: TOU PORTFOLIO OPTION (Continued)

(N)

(C)

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 ~~on~~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.
8. The Company may choose to offer promotional incentives, including but not limited to rebates or coupons.

(M)

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(C)

GREEN FUTURESM RENEWABLE PORTFOLIO OPTIONS

(C)

(N)

Customers can add any of the following Green FutureSM 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).

(N)

(C)

(C)

The Customer will be charged for the Green FutureSM Renewable Portfolio option in addition to all other charges under this schedule for the term of enrollment in the Green FutureSM Renewable Portfolio option.

(M)

SCHEDULE 7 (Continued)

GREEN FUTURESM RENEWABLE PORTFOLIO OPTIONS (Continued)

~~GREEN FUTURESM RENEWABLE PORTFOLIO OPTIONS (Continued)~~

Energy or Renewable Energy Certificates (RECs), as defined in Rule B of this tariff, supporting the Green FutureSM will be acquired by the Company such that by March 31 of the succeeding year, the Company will have received sufficient RECs or renewable energy to meet the purchases by Customers. For the renewable fixed and renewable usage options, the Company is not required to own renewables or to acquire Energy from renewable resources simultaneously with Customer usage.

For purposes of these options, renewable resources include wind generation, solar, biomass, low impact hydro (as certified by the Low Impact Hydro Institute) and geothermal energy sources used to produce electric power. All RECs will be Green-e certified by the Western Renewable Energy Generation Information System (WREGIS) beginning January 1, 2009.

RENEWABLE FIXED OPTION

The Company will purchase 200 kWh of RECs and/or renewable energy per block enrolled in the renewable fixed option. All RECs purchased under this option will come from new renewable resources.

The Company will also place \$1.50 of the amount received from Customers enrolled in the renewable fixed option in a new renewable resources development and demonstration fund (Renewable Development Fund or "RDF").

Amounts in the fund will be disbursed by the Company to public renewable resource demonstration projects or projects that commit to supply Energy according to a contractually established timetable. The Company will report to the Commission annually by March 15th, pursuant to Order No. 16-156, on collections and disbursements for the preceding calendar year. The annual report will include a list of projects that received or were allocated RDF funding.

Amounts placed in the fund prior to July 6, 2016 will accrue interest at the Commission-authorized cost of capital until disbursed. Amounts placed in the fund on and after July 6, 2016 will accrue interest at the Commission-authorized rate for deferred accounts in amortization until disbursed. Amounts within the fund will be disbursed on a first-in-first-out basis. Once funds have been committed to projects, following the required OPUC review, they will be deemed disbursed. Funds deemed disbursed and still held by the Company, will accrue interest at the Commission-authorized rate for deferred accounts in amortization.

Monthly Rate

Renewable Fixed Option	\$2.50	per month per block
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(T)
(C)
(C)
(M)

(C)
(C)

SCHEDULE 7 (Continued)

GREEN FUTURESM RENEWABLE PORTFOLIO OPTIONS (Continued)
~~GREEN FUTURESM RENEWABLE PORTFOLIO OPTIONS (Continued)~~

RENEWABLE USAGE OPTION

All amounts received from the Customer under the renewable usage option less administrative fees will be used to acquire RECs and/or renewable energy all of which will come from new renewable resources.

Monthly Rate

Renewable Usage Option 0.800 ¢ per kWh in addition to Energy Charge

RENEWABLE SOLAR OPTION

The renewable solar option allows participating Customers, monthly, to support a PGE sponsored utility-scale solar power plant and its renewable attributes. The Company will purchase 1 kW of the output and RECs from new solar facilities connected to the Company's electric grid per unit enrolled in renewable solar option.

In exchange for the Customer's payment of \$5.00 per unit per month, the Customer receives the environmental attributes from a local utility-scale solar project and the utility-scale solar project produces 1 kW of Energy which flows into the grid. Typical purchases may range to the equivalent of a 1, 2, or 3 kW solar panel array. At the end of each year, the Company will provide individual results to the Customer, reporting how much the Customer's Energy usage was offset by solar power and the carbon footprint reduction benefit received. The RECs purchased by the Customer will be retired on behalf of the Customer.

Monthly Rate

Renewable Solar Option \$5.00 per unit in addition to Energy Charge

RENEWABLE HABITAT OPTION ADDER (HABITAT SUPPORT)

The Company will distribute \$2.50 per month as received from each Customer enrolled in habitat support to a nonprofit agency chosen by the Company who will use the funds for habitat restoration.

Available

Only Customers who are enrolled in a Green FutureSM Renewable Portfolio option, described in this schedule, may choose habitat support.

Monthly Rate

Habitat Support \$2.50 per month

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SCHEDULE 7 (Concluded)

GREEN FUTURESM RENEWABLE PORTFOLIO OPTIONS (Continued)

SPECIAL CONDITIONS RELATED TO GREEN FUTURESM RENEWABLE PORTFOLIO OPTIONS

1. Service will become effective with the next regularly scheduled meter reading date provided the Customer has selected the option at least five days prior to their next scheduled meter read date. Absent the five-day notice, the change will become effective on the subsequent meter read date. 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 subsequent meter reading date.
2. The Company, in its discretion, may accept enrollments on accounts that have a time payment agreement in effect, or have received two or more final disconnect notices. However, the Company will not accept enrollments on accounts that have been involuntarily disconnected in the last 12 months.
3. The Company will use reasonable efforts to acquire renewable energy but does not guarantee the availability of renewable energy sources to serve Green FutureSM Renewable Portfolio Options. The Company makes no representations as to the impact on the development of renewable resources or habitat restoration projects of Customer participation.
4. Enrollment into renewable solar option: Customer agrees to participate for no fewer than 12 months.

ADJUSTMENTS

Service under this schedule is subject to adjustments approved by the Commission. Adjustments include those summarized in Schedule 100.

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