



Portland General Electric
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March 9, 2023

Public Utility Commission of Oregon
Attn: Filing Center
201 High Street S.E., Suite 100
P.O. Box 1088
Salem, OR 97308-1088

RE: Advice No. 23-05, Schedule 7 and 32 Residential and Small Commercial Renewable Portfolio Option Update

Portland General Electric Company (PGE) submits this filing pursuant to Oregon Revised Statutes (OARs) 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 **April 19, 2023**:

Fifth Revision of Sheet No. 7-6
Fourth Revision of Sheet No. 7-8
Fourth Revision of Sheet No. 7-9
Eleventh Revision of Sheet No. 32-2
Tenth Revision of Sheet No. 32-3
Seventh Revision of Sheet No. 32-6

PGE seeks to revise the Green Future Renewable Portfolio Options for Schedule 7 and 32 to remove the Renewable Solar (Green Future Solar) option as it is no longer offered as of January 1, 2023 due to the expiration of the contract used to serve those customers. All customers who were formerly on this option were notified and automatically migrated to the Renewable Fixed option (Green Future Block), unless they opted out. Additionally, a small housekeeping change is being made to update the reference to “accounts” that have been subject to a disconnection in the last twelve months to “customer”. A customer may have multiple accounts and utilizing the word “customer” is more appropriate than “account.”

In addition to these tariff updates, PGE is submitting updated Renewable Development Fund (RDF) guidelines as Attachment A. These updates seek to modernize the guidelines and respond to what PGE has been hearing from applicants and partners. PGE intends to learn from these changes and may seek to make further updates in subsequent years to continue to tailor the RDF to best serve the community.

A redline version of Schedules 7 and 32 are also included as a courtesy.

To satisfy the requirements of OARs 860-022-0025(2) and 860-022-0030, PGE provides the following response:

The changes do not increase or otherwise change participant rates. This program is optional and self-funded and has no impact on cost of service prices.

Please direct questions or comments regarding this filing to Casey Manley at (503) 464-8258. Please direct all formal correspondence and requests to the following email address pge.opuc.filings@pgn.com

Sincerely,

\s\ Robert Macfarlane

Robert Macfarlane
Manager, Pricing & Tariffs

Enclosures

PGE Advice No. 23-05
Attachment A



Renewable
Development Fund
Funded by Green Future™ customers

PGE Renewable Development Fund

2023 Guidelines

Green Future Choice and Block Development Funds

Thank you for your interest in PGE's Renewable Development Fund (RDF) program, which provides financial support for local renewable energy projects. The RDF is made possible by a community of more than 235,000 Green Future customers, the largest renewable program in the country. RDF funds come from a portion of the payments that Green Future Choice and Block customers voluntarily pay in addition to their standard PGE electricity bill.

Please review the eligibility guidelines, project requirements, and evaluation criteria below. Applications will be reviewed by a committee of PGE representatives and recommended to the Oregon Public Utility Commission based on these considerations and subject to availability of funds.

Eligible for Funding

Selected projects will advance renewable energy adoption and fall into one (or more) of these categories:

1. Provide all or part of the costs of new "steel in the ground" renewable energy projects, as well as connected energy storage, that are either directly interconnected to PGE's grid or delivered to PGE pursuant to a Power Purchase Agreement (PPA).
2. Research and development projects that facilitate renewable energy market transformation or the emergence of new renewable technologies.
3. Educational components directly associated with a RDF funded renewable project. Additional funding up to \$7,500 is available for these efforts. Eligible options include but are not limited to: RDF signage, events, trainings, curriculum development, tours, and educational materials.
4. New energy storage components connected to an existing renewable energy project

Eligible renewable project types include:

- Wind
- Geothermal
- Solar PV
- Low-Impact hydro certified by the Low Impact Hydro Institute (LIHI)
- Pipeline or irrigation canal hydropower
- Wave energy
- Tidal energy
- Low-emission biomass or biogas based on digester methane gas from landfills, sewage treatment plants or animal waste and biomass energy based on solid organic fuels from wood, forest or field residues or dedicated crops that do not include wood pieces that have been treated with chemical preservatives such as creosote, pentachlorophenol, or copper chrome arsenic.

Ineligible for Funding

Ineligible renewable project types include:

- Passive solar or thermal solar systems
- Geothermal heat-pump systems
- Geothermal or biomass heat generation systems
- Single-family residential projects
- Off-grid projects with no additional educational benefits

Funding for other products or programs such as Community Solar

Structural or site improvements required prior to project construction are not eligible for funding. Examples could include but are not limited to:

- Canopies
- Roofing
- Tree removal
- Lighting
- Flooring
- Structural reinforcement
- New or additional service

Activities not directly associated with the capital costs of new renewable energy systems:

- Fees incurred for project estimates or bids.
- Site evaluation expenses.
- Landscaping costs.
- Construction Bond Costs.
- Facility maintenance or repair costs.
- Interest or warranty charges.
- Donated, in-kind, or volunteer materials or labor.
- Administrative or other non-technical costs

Project Requirements

Projects must meet the following criteria, where applicable:

1. Directly interconnected to PGE's grid or delivered to PGE pursuant to a PPA.
2. Include a new installation or an expansion of an existing project, such as additional capacity or adding energy storage. All equipment and materials must be new.
3. Completed (defined as delivering power) within 18 months of funding approval. Extensions may be considered on a case-by-case basis.
4. Commercial or utility scale, with capacity less than 10 MW, but greater than 10kW.
5. Equipped with production monitoring equipment to collect and report facility output, with data made available to PGE via both a production history electronic database and a public web link for a period no less than ten years.
6. Renewable Energy Certificates (RECs) from project cannot be sold to a third party or be used to fund other programs.
7. Follow interconnection guidelines as required by PGE, the OPUC, the Federal Regulatory Commission (FERC) or any other relevant regulatory agencies.
8. Agree to PGE's nondiscrimination policy "the agency that I represent does not discriminate based on a person's race, sex, religion, national or ethnic origin, age, disability, marital status, veteran status, sexual orientation, or gender identity in its programs or hiring practices."
9. Solar PV project must have an Energy Trust-certified Trade Ally as their solar contractor and receive a cover letter through the Solar Development Assistance incentive pathway prior to applying to the RDF. The reservation information is required as an appendix in the RDF application.
10. Solar PV projects hosted by an organization that operates as a community center or multifamily housing development must include batteries.
11. For-profit and government organizations:
 - Include batteries with their solar systems

- Be enrolled in Green Future program prior to signing the award agreement.
12. Be approved by the OPUC
- Any projects hosted by for-profit companies and governmental agencies of any award amount, as well as projects hosted by nonprofit organizations receiving more than \$400,000 in grant funds applications must be reviewed and approved or denied by the Oregon Public Utility Commission (OPUC) at the next available Regular Agenda before any funds are assigned to a proposed project.
 - Projects hosted by nonprofit organizations receiving less than \$400,000 require the OPUC Staff to receive a list of funded projects with summaries for review. Following a one-week waiting period, PGE will notify the selected applicants of the funding decision.

Project Preferences

Projects meeting the following criteria may be given priority:

1. Site is located within PGE service territory.
2. Site and/or system is owned by a PGE customer.
3. If customer-sited, host customer is either a public or non-profit entity or is proposing a project in a meaningful partnership with a public or non-profit entity.
4. If the project is hosted by a for-profit company, they have credentials that demonstrate a commitment to community and climate, such as a B Corporation or LEED certified facility.
5. Constructed with local materials and labor (preference for materials and labor from PGE's service territory, Oregon or the Pacific Northwest).
6. Renewable energy projects that include energy storage (where not specifically required by guidelines).
7. Multi-family and low-income housing developments
8. Provide a substantial benefit to the community and PGE customers in the form of educational engagement, public visibility, and environmental benefits.
9. Provide a direct impact or service benefiting environmental justice communities as defined in House Bill 2475. Of specific interest are projects designed around Black, Indigenous, and people of Color (BIPOC) communities and Asian American and Pacific Islander (AAPI) communities.
10. Commitment of an organization's own funds, secured in-kind donations, or a willingness to engage in creative fund-raising efforts which contribute to the overall appeal of the project
11. Entirety of overhead, administrative, or project management costs are born by the project owner. In rare instances, PGE may consider requests for funding of administrative costs, depending on the circumstances and qualifications of the applicant.

12. Inclusion of additional benefits in the form of energy efficiency, other renewable energy initiatives, or environmental conservation. Please note that these additional efforts are ineligible for RDF funding but projects including these measures may be given priority.
13. Projects that promote additional renewable energy resources that would not be possible without RDF funding.
14. An overall diverse portfolio of projects each year, including but not limited to: project type, project geography, project size, and communities impacted.

Funding Parameters

No single applicant or project will be eligible to receive more than 33% of total development fund balance at the outset of each funding cycle. Available funding will be made known at outset of each year/application round.

1. All applicants are expected to secure all other forms of available funding, including grants, incentives, and state/federal tax credits.
2. PGE may elect to fund up to 100% of the remaining capital costs of a project hosted by a nonprofit organization that has explored all other funding options.
3. For-profit and government entities are required to self-fund at least 15 percent of the total eligible project budget. Nonprofits are not required to self-fund a portion of the project.
4. Public entities where the 1.4% for Green Energy Technology requirement applies, the RDF will only fund a project beyond the amount required by the 1.5% multiplier.
5. PGE's primary interest is to provide enough funding such that a project is economically feasible.
6. The RDF is intended to pay down the above market costs of renewable energy projects.
7. Applicants are encouraged to submit their "best offer" needed to make the project happen and not include extraneous costs.
8. The RDF award amount may differ from the amount requested.
9. PGE will allocate funding based upon qualified applications, with no guaranteed total amount to be released in any given round.
10. PGE will not provide development assistance, or assistance in obtaining co-funding.
11. The RDF payment is made upon project completion and approval of final report, including invoices demonstrating final project costs.

Evaluation Criteria

Projects will be evaluated and scored in the following areas:

1. Diversity of projects and locations: PGE will seek to fund a diverse mix of small and large projects

2. Impact on underserved and environmental justice communities
3. Project Feasibility & Readiness
4. Community Impact
5. Costs and Financing

**SCHEDULE 7
RESIDENTIAL SERVICE**

PURPOSE

This schedule provides Standard and Optional Service choices for residential customers. Optional Services include a time of use (TOU) portfolio option, Peak Time Rebate, and Green FutureSM renewable portfolio options.

AVAILABLE

In all territory served by the Company.

APPLICABLE

To Residential Customers.

DEFINITIONS

Peak Time Rebate (PTR) Program – Customers choosing the PTR program are eligible to receive a rebate for reducing Energy use during Company-called events, relative to each Customer's baseline Energy use, as determined by the Company. See details below.

ENERGY PRICE PLANS (DEFAULT PLAN AND TIME-OF-USE PORTFOLIO OPTION)

RESIDENTIAL SERVICE PRICE PLAN (DEFAULT PLAN)

This default plan is provided to Residential Customers who do not choose the TOU Portfolio option price plan.

Monthly Rate

The default plan is priced as the totals of the following charges per Service Point (SP)*, **:

<u>Basic Charge</u>			
Single-Family Home	\$11.00		
Multi-Family Home	\$8.00		
<u>Transmission and Related Services Charge</u>	0.585	¢ per kWh	
<u>Distribution Charge</u>	5.447	¢ per kWh	(I)
<u>Energy Charge**</u>			
First 1,000 kWh	6.642	¢ per kWh	
Over 1,000 kWh	7.002	¢ per kWh	

* See Schedule 100 for applicable adjustments.

** As defined in Section Rule B of this tariff.

SCHEDULE 7 (Continued)

ENERGY PRICE PLANS: DEFAULT PLAN (Continued)

Peak Time Rebate Event Participation

Residential Customers on the default plan can also enroll and participate in PTR events. This option is available for enrollment to the first 160,000 Residential Customers. Customer enrollment will close once the program has 160,000 Residential Customers.

Monthly Rate

Customers on the default plan plus PTR will pay the default plan monthly rate – which includes Basic Charge, transmission and related services, and distribution charges. Energy Charges may also include the following PTR credit:

PTR Credit	100.00	¢ per kWh
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To receive the PTR Credit, the Customer must reduce Energy use during a PTR Event. Such event will be a two- to five-consecutive-hour window between the hours of 7:00 AM to 11:00 AM or 3:00 PM to 8:00 PM. Events will not be called on holidays. Holidays are 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.

The PTR program has two event seasons: summer (the successive calendar months of June through September) and winter (successive calendar months of November through February). The Company will call PTR events only in event seasons. Prior to each season, the Company will remind the enrolled Customers that they are on the program, that they may participate in PTR events, and ways to be successful.

The Company initiates PTR events with an event notification to participating Customers the day prior to the PTR event. Participating Customers must choose at least one method for receipt of notification: email, text, or another available option. The Company will not call PTR events for more than two consecutive days. Reasons for calling events may include but are not limited to: Energy load forecasted to be in the top 1% of annual load hours, forecasted temperature above 90 or below 32, expected high generation heat rates and market power prices, and/or forecasted low or transitioning wind generation.

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.

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SCHEDULE 7 (Continued)

ENERGY PRICE PLANS: DEFAULT PLAN (Continued)

Special Conditions Related to Peak Time Rebate Options (Continued)

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*.

Monthly Rate

<u>Basic Charge</u>			
Single-Family Home		\$11.00	
Multi-Family Home		\$8.00	
<u>On-Peak Charge</u>			
Transmission and Related Services		<u>32.800</u>	¢ per kWh
Distribution		1.800	¢ per kWh
Energy		15.500	¢ per kWh
<u>Mid-Peak Charge</u>			
Transmission and Related Services		<u>11.915</u>	¢ per kWh
Distribution		0.520	¢ per kWh
Energy		5.315	¢ per kWh
<u>Off-Peak Charge</u>			
Transmission and Related Services		<u>7.430</u>	¢ per kWh
Distribution		0.280	¢ per kWh
Energy		2.700	¢ per kWh
Over 1,000 kWh block adjustment**		4.450	¢ per kWh

* 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

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)

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

Monthly Rate

<u>Basic Charge</u>			
Single-Family Home		\$11.00	
Multi-Family Home		\$8.00	
<u>On-Peak Charge</u>		<u>22.261</u>	(C)
Transmission and Related Services		0.960 ¢ per kWh	
Distribution		8.934 ¢ per kWh	
Energy		12.367 ¢ per kWh	
<u>Mid-Peak Charge</u>		<u>16.896</u>	(C)
Transmission and Related Services		0.960 ¢ per kWh	
Distribution		8.934 ¢ per kWh	
Energy		7.002 ¢ per kWh	
<u>Off-Peak Charge</u>		<u>4.123</u>	
Transmission and Related Services		0.000 ¢ per kWh	
Distribution		0.000 ¢ per kWh	
Energy		4.123 ¢ per kWh	
First 1,000 kWh block adjustment**		(0.360) ¢ per kWh	

* 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

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)

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.

GREEN FUTURE RENEWABLE PORTFOLIO OPTIONS

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

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

SCHEDULE 7 (Continued)

GREEN FUTURE RENEWABLE PORTFOLIO OPTIONS (Continued)

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Energy or Renewable Energy Certificates (RECs), as defined in Rule B of this tariff, 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.

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For purposes of these options, renewable resources include wind, 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® Energy certified by the Center for Resource Solutions (CRS).

RENEWABLE FIXED OPTION

The Company will use funds received under this option to cover program costs and 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 any funds not spent after covering program and REC costs received from Customers enrolled in this option in a renewable resources development and demonstration fund ("Renewable Development Fund" or "RDF"). See Special Conditions for additional details on the RDF.

Monthly Rate

Renewable Fixed Option	\$1.88	per month per block
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SCHEDULE 7 (Continued)

GREEN FUTURE RENEWABLE PORTFOLIO OPTIONS (Continued)

RENEWABLE USAGE OPTION

Amounts received from Customers under the renewable usage option will be used to cover program costs and acquire RECs and/or Energy, all of which will come from new renewable resources.

The Company will place any funds received from Customers enrolled in this option that are not spent after covering program and REC costs in a renewable resources development and demonstration fund ("Renewable Development Fund" or "RDF"). See Special Conditions for additional details on the RDF.

Monthly Rate

Renewable Usage Option	0.940	¢ per kWh in addition to Energy Charge
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SCHEDULE 7 (Continued)

GREEN FUTURE RENEWABLE PORTFOLIO OPTIONS (Continued)

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 Future Renewable Portfolio option, described in this schedule, may choose habitat support.

Monthly Rate

Habitat Support	\$2.50	per month
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SPECIAL CONDITIONS RELATED TO GREEN FUTURE 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 participation from accounts that have a time payment agreement in effect, or have received two or more final disconnect notices. However, the Company will not accept participation from customers that have been involuntarily disconnected in the last 12 months due to non-payment. (C)
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3. The Company will use reasonable efforts to ensure energy assistance dollars from the Oregon Low Income Home Energy Assistance Program (LIHEAP) and Oregon Energy Assistance Program (OEAP) assistance programs are not used to cover Green Future program participation during the time which participants receive these energy assistance funds. As such, PGE will unenroll Customers from the Green Future program if they receive energy assistance funds from LIHEAP and OEAP. If these energy assistance dollars are no longer applied to the bill, the Customer may re-enroll in the program subject to the above requirements.

SCHEDULE 7 (Concluded)

**SPECIAL CONDITIONS RELATED TO GREEN FUTURE RENEWABLE PORTFOLIO
OPTIONS (Continued)**

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4. The Company will use reasonable efforts to acquire renewable energy but does not guarantee the availability of renewable energy sources to serve Green Future Renewable Portfolio Options. The Company makes no representations as to the impact on the development of renewable resources or habitat restoration projects of Customer's participation.

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5. Amounts in the RDF will be disbursed by the Company to non-residential 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.

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6. Amounts placed in the RDF 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.

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ADJUSTMENTS

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

**SCHEDULE 32
SMALL NONRESIDENTIAL
STANDARD SERVICE**

AVAILABLE

In all territory served by the Company.

APPLICABLE

To Small Nonresidential Customers. A Small Nonresidential Customer is a Customer that has not exceeded 30 kW more than once within the preceding 13 months, or with seven months or less of service has not exceeded 30 kW.

MONTHLY RATE

The sum of the following charges per Service Point (SP)*:

Basic Charge

Single Phase Service	\$20.00
Three Phase Service	\$29.00

Transmission and Related Services Charge

0.471 ¢ per kWh

Distribution Charge

First 5,000 kWh	5.244 ¢ per kWh
Over 5,000 kWh	1.416 ¢ per kWh

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Energy Charge Options

Standard Service	5.798 ¢ per kWh
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or

Time-of-Use (TOU) Portfolio (enrollment is necessary)	
On-Peak Period	10.150 ¢ per kWh
Mid-Peak Period	5.798 ¢ per kWh
Off-Peak Period	3.385 ¢ per kWh

* See Schedule 100 for applicable adjustments.

SCHEDULE 32 (Continued)

MONTHLY RATE (Continued)

Renewable Portfolio Options

(available upon enrollment in either
Energy Charge option)

Renewable Usage	0.940 ¢ per kWh in addition to Energy Charge	
Renewable Fixed	\$1.88 per month per block	(D)
Renewable Habitat Adder(*)	\$2.50 per month	

* Only Customers who are enrolled in a Renewable Portfolio Option (Renewable Usage or Renewable Fixed Portfolio Options described herein) may choose the Renewable Habitat Portfolio Option Adder.

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RENEWABLE PORTFOLIO OPTIONS

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

Renewable Fixed Option

The Company will use funds received under this option to cover program costs and purchase 200 kWhs of Renewable Energy Certificates (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 any funds not spent after covering program and REC costs received from Customers enrolled in this option in a renewable resources development and demonstration fund ("Renewable Development Fund" or "RDF". See Special Conditions for additional details on the RDF.

Renewable Usage Option

Amounts received from Customers under the Renewable Usage Option will be used to cover program costs and acquire RECs and/or renewable energy, all of which will come from new renewable resources.

The Company will also place any funds received from Customers enrolled in this option not spent after covering program and REC costs in a renewable resources development and demonstration fund ("Renewable Development Fund" or "RDF"). See Special Conditions for additional details on the RDF.

SCHEDULE 32 (Continued)

RENEWABLE PORTFOLIO OPTIONS (Continued)

Renewable Habitat Adder

(D)

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

Energy or RECs supporting the Renewable Portfolio Options 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 Renewable Fixed Option and Renewable Usage Option, 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, 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® Energy certified by the Center for Resource Solutions (CRS).

SCHEDULE 32 (Continued)

TIME OF USE PORTFOLIO OPTION

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**

* 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 AMI meters will observe the regular daylight saving schedule.

** Holidays are New Year's Day (January 1), Memorial Day (last Monday in May), Independence Day (July 4), Labor Day (first Monday in September), Thanksgiving Day (fourth Thursday in November), and Christmas Day (December 25). If a holiday falls on Saturday, Friday is designated a TOU holiday. If a holiday falls on Sunday, the following Monday is designated a TOU holiday.

DAILY PRICE

The Daily Price, applicable with Direct Access Service, is available to those Customers who were served under Schedule 532 and subsequently returned to this schedule before meeting the minimum term requirement of Schedule 532. The Customer will be charged the Daily Price charge of this schedule until the term requirement of Schedule 532 is met.

The Daily Price will consist of:

- the Intercontinental Exchange Mid-Columbia Daily on- and off-peak Electricity Firm Price Index (ICE-Mid-C Firm Index)
- plus 0.305¢ per kWh for wheeling
- times a loss adjustment factor of 1.0640

(R)
(R)

If prices are not reported for a particular day or days, the average of the immediately preceding and following reported days' on- and off-peak prices will be used to determine the price for the non-reported period. Prices reported with no transaction volume or as "survey-based" will be considered reported.

Peak hours are between 6:00 a.m. and 10:00 p.m. Monday through Saturday. Off-peak hours are between 10:00 p.m. and 6:00 a.m. Monday through Saturday and all day Sunday.

SCHEDULE 32 (Continued)

PLUG-IN ELECTRIC VEHICLE (EV) TOU OPTION

(M)

A small Nonresidential Customer wishing to charge EV's may do so either as part of an integrated service (Standard service or TOU service) 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. Renewable Portfolio Options are also available under this EV option.

If the Customer chooses separately metered service for EV charging, the service shall be used for the sole and 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 electric vehicle use in diverse geographic dynamics and evaluate the effectiveness of the charging station infrastructure.

ADJUSTMENTS

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

(M)

SPECIAL CONDITIONS

Pertaining to Direct Access

1. Customers served under this schedule may at any time notify the Company of their intent to choose Direct Access Service. Notification must conform to the requirements established in Rule K.
2. Customers must enroll to receive service under any portfolio option. Customers may initially enroll or make one portfolio change per year without incurring the Portfolio Enrollment Charge as specified in Schedule 300.

Pertaining to 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 notice two weeks prior to the meter read date. Absent the two-week notice, the termination will occur with the next subsequent meter reading date.

(M)

SCHEDULE 32 (Continued)

SPECIAL CONDITIONS (Continued)

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 from customers that have been involuntarily disconnected in the last 12 months due to non-payment.
3. The Company will use reasonable efforts to acquire renewable energy, but does not guarantee the availability of renewable energy sources to serve 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. Amounts in the RDF will be disbursed by the Company to non-residential 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.
5. Amounts placed in the RDF 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.

Pertaining to TOU Option

1. Service may be terminated at the next regularly scheduled meter reading provided the Company has received notice two weeks 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.

SCHEDULE 32 (Concluded)

Pertaining to TOU Option (Continued)

3. The Customer must take service at 120/240 volts or greater. Single phase 2-wire grounded service is not eligible because of special metering requirements.
4. The Customer must provide the Company access to the meter on a monthly basis.
5. At the end of the Customer's first 12 months of service under the TOU Option, the Company will calculate what the Customer would have paid under Standard Service and compare billings. If the Customer's Energy Charge billings (including all applicable supplemental adjustments) under the TOU Option exceeded the Standard Service Energy Charge (including all applicable supplemental adjustments) by more than 10%, the Company will issue the Customer a refund for the amount in excess of 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 will recover lost revenue from the TOU Option through Schedule 105.
7. Billing will begin for any Customer on the next regularly scheduled meter reading date following the initialization meter reading made on a regularly scheduled meter reading date.
8. The Company may choose to offer promotional incentives, including but not limited to rebates or coupons.

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TERM

Service will be for not less than one year or as otherwise provided under this schedule.

PGE Advice No. 23-05
Courtesy redline version of Schedules 7 and 32

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

GREEN FUTURE RENEWABLE PORTFOLIO OPTIONS

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

SCHEDULE 7 (Continued)

GREEN FUTURE RENEWABLE PORTFOLIO OPTIONS (Continued)

RENEWABLE USAGE OPTION

Amounts received from Customers under the renewable usage option will be used to cover program costs and acquire RECs and/or Energy, all of which will come from new renewable resources.

The Company will place any funds received from Customers enrolled in this option that are not spent after covering program and REC costs in a renewable resources development and demonstration fund ("Renewable Development Fund" or "RDF"). See Special Conditions for additional details on the RDF.

Monthly Rate

Renewable Usage Option	0.940	¢ per kWh in addition to Energy Charge
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RENEWABLE SOLAR OPTION

~~PGE's Renewable Solar Option will operate through December 31, 2022. Beginning on January 1, 2023, participants currently subscribed to the Renewable Solar Option will automatically transition to two blocks of the Renewable Fixed Option for every unit of the 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
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SCHEDULE 7 (Continued)

GREEN FUTURE RENEWABLE PORTFOLIO OPTIONS (Continued)

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 Future Renewable Portfolio option, described in this schedule, may choose habitat support.

Monthly Rate

Habitat Support	\$2.50	per month
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SPECIAL CONDITIONS RELATED TO GREEN FUTURE 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 participation from accounts that have a time payment agreement in effect, or have received two or more final disconnect notices. However, the Company will not accept participation from ~~accounts~~ customers that have been involuntarily disconnected in the last 12 months due to non-payment.
3. The Company will use reasonable efforts to ensure energy assistance dollars from the Oregon Low Income Home Energy Assistance Program (LIHEAP) and Oregon Energy Assistance Program (OEAP) assistance programs are not used to cover Green Future program participation during the time which participants receive these energy assistance funds. As such, PGE will unenroll Customers from the Green Future program if they receive energy assistance funds from LIHEAP and OEAP. If these energy assistance dollars are no longer applied to the bill, the Customer may re-enroll in the program subject to the above requirements.

SCHEDULE 32 (Continued)

MONTHLY RATE (Continued)

Renewable Portfolio Options

(available upon enrollment in either
Energy Charge option)

Renewable Usage	0.940	¢ per kWh in addition to Energy Charge
Renewable Fixed	\$1.88	per month per block
Renewable Solar	\$5.00	per unit in addition to Energy Charge
Renewable Habitat Adder ^(*)	\$2.50	per month

* Only Customers who are enrolled in a Renewable Portfolio Option (Renewable Usage or Renewable Fixed or ~~Renewable Solar~~ Portfolio Options described herein) may choose the Renewable Habitat Portfolio Option Adder.

RENEWABLE PORTFOLIO OPTIONS

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

Renewable Fixed Option

The Company will use funds received under this option to cover program costs and purchase 200 kWhs of Renewable Energy Certificates (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 any funds not spent after covering program and REC costs received from Customers enrolled in this option in a renewable resources development and demonstration fund ("Renewable Development Fund" or "RDF". See Special Conditions for additional details on the RDF.

Renewable Usage Option

Amounts received from Customers under the Renewable Usage Option will be used to cover program costs and acquire RECs and/or renewable energy, all of which will come from new renewable resources.

The Company will also place any funds received from Customers enrolled in this option not spent after covering program and REC costs in a renewable resources development and demonstration fund ("Renewable Development Fund" or "RDF"). See Special Conditions for additional details on the RDF.

SCHEDULE 32 (Continued)

RENEWABLE PORTFOLIO OPTIONS (Continued)

Renewable Solar Option

~~PGE's Renewable Solar Option will operate through December 31, 2022. Beginning on January 1, 2023, participants currently subscribed to the Renewable Solar Option will automatically transition to two blocks of the Renewable Fixed Option for every unit of the Renewable Solar Option.~~

~~The Renewable Solar Option allows participating Customers, on a monthly basis, 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 the 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 1kW 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, PGE 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.~~

Renewable Habitat Adder

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

Energy or RECs supporting the Renewable Portfolio Options 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 Renewable Fixed Option and Renewable Usage Option, 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, 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® Energy certified by the Center for Resource Solutions (CRS).

SCHEDULE 32 (Continued)

SPECIAL CONDITIONS (Continued)

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 from accounts customers~~ that have been involuntarily disconnected in the last 12 months due to non-payment.
3. The Company will use reasonable efforts to acquire renewable energy, but does not guarantee the availability of renewable energy sources to serve 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. Amounts in the RDF will be disbursed by the Company to non-residential 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.
5. Amounts placed in the RDF 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.

Pertaining to TOU Option

1. Service may be terminated at the next regularly scheduled meter reading provided the Company has received notice two weeks 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.