



Portland General Electric Company
121 SW Salmon Street • Portland, Oregon 97204
PortlandGeneral.com

June 30, 2017

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

RE: Advice No. 17-13, 2016 Multi Year Opt-Out Window, Enrollment Period P

Portland General Electric Company (PGE) submits this filing pursuant to Oregon Revised Statutes (ORS) 757.205 and 757.210 and Oregon Administrative Rules (OARs) 860-022-0025 and 860-022-0030 for filing proposed tariff sheets associated with Tariff P.U.C. No. 18, with a requested effective date of **September 1, 2017**:

Eighth Revision of Sheet No. 129-1
Seventeenth Revision of Sheet No. 129-2
Twenty Seventh Revision of Sheet No. 129-3
Tenth Revision of Sheet No. 129-4
Ninth Revision of Sheet No. 129-5
Seventh Revision of Sheet No. 485-1
Seventh Revision of Sheet No. 485-2
Tenth Revision of Sheet No. 485-3
Fifth Revision of Sheet No. 485-4
Third Revision of Sheet No. 485-5
Twelfth Revision of Sheet No. 489-1
Fourteenth Revision of Sheet No. 489-2
Fourteenth Revision of Sheet No. 489-3
Seventh Revision of Sheet No. 489-4
Fifth Revision of Sheet No. 489-5
Fourth Revision of Sheet No. 490-1
Fifth Revision of Sheet No. 490-2
Third Revision of Sheet No. 490-3
Second Revision of Sheet No. 490-4

The Company hereby **withdraws**:

First Revision of Sheet No. 485-6
First Revision of Sheet No. 489-6
First Revision of Sheet No. 490-5

The purpose of this filing is to offer qualifying large nonresidential customers a three or five year cost of service opt-out beginning January 1, 2018 through an enrollment period during September 2017 (Enrollment Period P).

In addition to providing the indicative Schedule 129 prices, PGE makes clarifying changes in the Applicable section of Schedules 485, 489, and 490 to allow customers that have previously enrolled accounts in a prior window the opportunity to enroll additional accounts without the newly enrolled accounts having to meet the one average megawatt (aMW) threshold. The newly enrolled accounts will still be required to meet the 250 kW Facility Capacity threshold presuming that the prior enrolled accounts for the specific customer continue to sum to one aMW. In addition, for Schedule 485, PGE proposes a change under the Change in Applicability section to specify that a customer whose Facility Capacity falls below 201 kW will be moved to an otherwise applicable rate schedule. This replaces the current language that states that the customer will have their service terminated under this schedule. The language change is proposed to allow for the possibility that a customer may return to Schedule 485 service should their Facility Capacity again exceed 201 kW after having been moved to an otherwise applicable rate schedule.

For housekeeping purposes, Enrollment Periods J (five-year opt-out) and L (three-year opt-out) are deleted from Schedule 129 as they are no longer applicable. Also the Enrollment Periods tables in Schedules 485, 489, and 490 are deleted for the purposes of presentation and housekeeping. Footnotes are added to Schedules 485, 489, and 490 advising that a list of enrollment periods can be found in Schedule 129. Due to the deletion of the tables, all sheets within these Schedules create a pagination move and the withdrawal of the last sheet.

The cost of service opt-out implements the requirements of OAR 860-038-0275(5) to "offer customers a multi-year, direct access program with an associated fixed transition adjustment."

The Schedule 129 prices for Enrollment Period P are indicative only and will be revised in late August 2017 to be posted on the Company's public website and filed with the Commission on August 31, 2017 to reflect updated power costs using the methodology presented in this filing. The proposed Schedule 129 prices for Enrollment Periods M-P will be updated for UE 319 final fixed generation costs January 1, 2018 and included in PGE's UE 319 Compliance Filing, consistent with the UE 262 Second Partial Stipulation.

Schedule 129: Three Year and Five Year Options

Customers who choose Schedules 485, 489, 490, 491, 492 or 495 for service in 2018 will be subject to the applicable Schedule 129, Transition Cost Adjustments. Customers served on the five-year term of service will have differing Schedule 129 transition adjustments from those customers served on the three-year term of service.

This is consistent with the provisions of the UE 262 Second Partial Stipulation that specified that for the five-year term, the initial Schedule 129 transition adjustments will reflect current Commission-approved fixed generation costs. These fixed generation costs will then be subject to update during the five-year term consistent with Commission orders related to general rate cases or Renewable Resource Automatic Adjustment Clause proceedings. The UE 262 Second Partial Stipulation also specified that for the three-year term, the Schedule 129 transition adjustments will incorporate the revenue requirements of both existing and new resources, if any, expected to begin providing service to customers during the three-year period. Because PGE does not have sufficient specific information regarding potential new resources, none are included in developing the three-year transition adjustments.

The Schedule 129 transition adjustments are differentiated by schedule and delivery voltage in a manner consistent with the provisions of the UE 262 Second Partial Stipulation approved in OPUC Order 13-459. Development of these indicative Schedule 129 adjustment rates are provided in the attached work papers. The final posted adjustment rates will be developed in the same manner but updated for load forecast changes, power costs and forward market prices.

To satisfy the requirements of OARs 860-022-0025(2) and 860-022-0030(1), PGE provides the following responses:

OARs 860-022-0025 and 860-0022-0030 require 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. This filing proposes new prices to a limited number of eligible customers, all of whom may choose not to participate, therefore, it is unknown how many customers will make this election and the revenue change is unknown.

Please direct any questions regarding this filing to Marc Cody at (503) 464-7434.

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

Sincerely,



Karla Wenzel
Manager, Pricing and Tariffs

Enclosure(s)

**SCHEDULE 129
LONG-TERM TRANSITION COST ADJUSTMENT**

AVAILABLE

In all territory served by the Company.

APPLICABLE

Applicable to Large Nonresidential Customers that have selected service under Schedules 485, 489, 490, 491, 492, and 495.

TRANSITION COST ADJUSTMENT

Minimum Five Year Opt-Out

For Enrollment Periods A - J: 0.000 ¢ per kWh

(C)

For Enrollment Period K (2012), the Transition Cost Adjustment will be:

(D)

Period	Sch. 485 Secondary Voltage ¢ per kWh	Sch. 485 Primary Voltage ¢ per kWh	Sch. 489 Secondary Voltage ¢ per kWh	Sch. 489 Primary Voltage ¢ per kWh	Sch. 489 Subtransmission Voltage ¢ per kWh
2013	2.244	2.168	2.085	2.030	2.019
2014	1.548	1.495	1.395	1.369	1.370
2015	1.273	1.229	1.120	1.106	1.113
2016	1.055	1.018	0.901	0.897	0.909
2017	0.745	0.718	0.591	0.602	0.619
After 2017	0.000	0.000	0.000	0.000	0.000

For Enrollment Period L (2013), the Transition Cost Adjustment will be:

(M)

Period	Sch. 485 Secondary Voltage ¢ per kWh	Sch. 485 Primary Voltage ¢ per kWh	Sch. 489 Secondary Voltage ¢ per kWh	Sch. 489 Primary Voltage ¢ per kWh	Sch. 489 Subtransmission Voltage ¢ per kWh
2014	1.992	1.956	1.398	1.728	1.709
2015	1.718	1.695	1.113	1.466	1.450
2016	1.482	1.466	0.860	1.239	1.226
2017	1.228	1.223	0.589	0.997	0.987
2018	1.154	1.147	0.483	0.921	0.914
After 2018	0.000	0.000	0.000	0.000	0.000

(M)

SCHEDULE 129 (Continued)

TRANSITION COST ADJUSTMENT (Continued)
Minimum Five Year Opt-Out

Commencing with enrollment Period M, the Schedule 129 Transition Cost Adjustment will be updated to reflect OPUC-approved changes in fixed generation costs during the five-year period.

For Enrollment Period M (2014), the current Transition Cost Adjustments are:

Period	Sch. 485 Sec. Vol. ¢ per kWh	Sch. 485 Pri. Vol. ¢ per kWh	Sch. 489 Sec. Vol. ¢ per kWh	Sch. 489 Pri. Vol. ¢ per kWh	Sch. 489 Sub. Vol. ¢ per kWh	Sch. 490 Pri. Vol. ¢ per kWh	Schs. 491/492/495 ¢ per kWh
2015	1.712	1.704	1.443	1.415	1.383	1.381	1.311
2016	2.172	2.151	1.890	1.854	1.824	1.798	1.789
2017	2.196	2.174	1.913	1.876	1.846	1.820	1.811
2018	2.196	2.174	1.913	1.876	1.846	1.820	1.811
2019	2.196	2.174	1.913	1.876	1.846	1.820	1.811
After 2019	0.000	0.000	0.000	0.000	0.000	0.000	0.000

For Enrollment Period N (2015), the current Transition Cost Adjustments are:

Period	Sch. 485 Sec. Vol. ¢ per kWh	Sch. 485 Pri. Vol. ¢ per kWh	Sch. 489 Sec. Vol. ¢ per kWh	Sch. 489 Pri. Vol. ¢ per kWh	Sch. 489 Sub. Vol. ¢ per kWh	Sch. 490 Pri. Vol. ¢ per kWh	Schs. 491/492/495 ¢ per kWh
2016	2.866	2.832	2.695	2.647	2.590	2.295	2.455
2017	2.890	2.855	2.718	2.669	2.612	2.317	2.477
2018	2.890	2.855	2.718	2.669	2.612	2.317	2.477
2019	2.890	2.855	2.718	2.669	2.612	2.317	2.477
2020	2.890	2.855	2.718	2.669	2.612	2.317	2.477
After 2020	0.000	0.000	0.000	0.000	0.000	0.000	0.000

(M)

(M)

SCHEDULE 129 (Continued)

TRANSITION COST ADJUSTMENT (Continued)
Minimum Five Year Opt-Out

(D)

For Enrollment Period O (2016), the current Transition Cost Adjustments are:

Period	Sch. 485 Sec. Vol. ¢ per kWh	Sch. 485 Pri. Vol. ¢ per kWh	Sch. 489 Sec. Vol. ¢ per kWh	Sch. 489 Pri. Vol. ¢ per kWh	Sch. 489 Sub. Vol. ¢ per kWh	Sch. 490 Pri. Vol. ¢ per kWh	Schs. 491/492/495 ¢ per kWh
2017	3.015	2.963	2.854	2.803	2.739	2.431	2.586
2018	3.015	2.963	2.854	2.803	2.739	2.431	2.586
2019	3.015	2.963	2.854	2.803	2.739	2.431	2.586
2020	3.015	2.963	2.854	2.803	2.739	2.431	2.586
2021	3.015	2.963	2.854	2.803	2.739	2.431	2.586
After 2021	0.000	0.000	0.000	0.000	0.000	0.000	0.000

For Enrollment Period P (2017), the current Transition Cost Adjustments are:

(N)

Period	Sch. 485 Sec. Vol. ¢ per kWh	Sch. 485 Pri. Vol. ¢ per kWh	Sch. 489 Sec. Vol. ¢ per kWh	Sch. 489 Pri. Vol. ¢ per kWh	Sch. 489 Sub. Vol. ¢ per kWh	Sch. 490 Pri. Vol. ¢ per kWh	Schs. 491/492/495 ¢ per kWh
2018	3.269	3.210	2.952	2.897	2.838	2.832	2.792
2019	3.269	3.210	2.952	2.897	2.838	2.832	2.792
2020	3.269	3.210	2.952	2.897	2.838	2.832	2.792
2021	3.269	3.210	2.952	2.897	2.838	2.832	2.792
2022	3.269	3.210	2.952	2.897	2.838	2.832	2.792
After 2022	0.000	0.000	0.000	0.000	0.000	0.000	0.000

(N)

SCHEDULE 129 (Continued)

TRANSITION COST ADJUSTMENT (Continued)
Three Year Opt-Out

This option was not available during Enrollment Periods A and B

For Enrollment Periods C - L, No Longer Available

(C)
(D)

For Enrollment Period M (2014), the Transition Cost Adjustment will be:

Period	Sch. 485 Sec. Vol. ¢ per kWh	Sch. 485 Pri. Vol. ¢ per kWh	Sch. 489 Sec. Vol. ¢ per kWh	Sch. 489 Pri. Vol. ¢ per kWh	Sch. 489 Sub. Vol. ¢ per kWh	Sch. 490 Pri. Vol. ¢ per kWh	Schs. 491/492/495 ¢ per kWh
2015	2.199	2.131	1.900	1.864	1.826	1.714	1.739
2016	2.199	2.131	1.900	1.864	1.826	1.714	1.739
2017	2.199	2.131	1.900	1.864	1.826	1.714	1.739

For Enrollment Period N (2015), the Transition Cost Adjustment will be:

Period	Sch. 485 Sec. Vol. ¢ per kWh	Sch. 485 Pri. Vol. ¢ per kWh	Sch. 489 Sec. Vol. ¢ per kWh	Sch. 489 Pri. Vol. ¢ per kWh	Sch. 489 Sub. Vol. ¢ per kWh	Sch. 490 Pri. Vol. ¢ per kWh	Schs. 491/492/495 ¢ per kWh
2016	2.901	2.819	2.714	2.662	2.666	2.323	2.468
2017	2.901	2.819	2.714	2.662	2.666	2.323	2.468
2018	2.901	2.819	2.714	2.662	2.666	2.323	2.468

For Enrollment Period O (2016), the Transition Cost Adjustment will be:

Period	Sch. 485 Sec. Vol. ¢ per kWh	Sch. 485 Pri. Vol. ¢ per kWh	Sch. 489 Sec. Vol. ¢ per kWh	Sch. 489 Pri. Vol. ¢ per kWh	Sch. 489 Sub. Vol. ¢ per kWh	Sch. 490 Pri. Vol. ¢ per kWh	Schs. 491/492/495 ¢ per kWh
2017	2.978	2.888	2.804	2.750	2.776	2.407	2.567
2018	2.978	2.888	2.804	2.750	2.776	2.407	2.567
2019	2.978	2.888	2.804	2.750	2.776	2.407	2.567

(M)

(M)

SCHEDULE 129 (Continued)

TRANSITION COST ADJUSTMENT (Continued)
Three Year Opt-Out

For Enrollment Period P (2017), the Transition Cost Adjustment will be:

Period	Sch. 485 Sec. Vol. ¢ per kWh	Sch. 485 Pri. Vol. ¢ per kWh	Sch. 489 Sec. Vol. ¢ per kWh	Sch. 489 Pri. Vol. ¢ per kWh	Sch. 489 Sub. Vol. ¢ per kWh	Sch. 490 Pri. Vol. ¢ per kWh	Schs. 491/492/495 ¢ per kWh
2018	3.432	3.334	3.068	3.011	3.030	2.938	2.806
2019	3.432	3.334	3.068	3.011	3.030	2.938	2.806
2020	3.432	3.334	3.068	3.011	3.030	2.938	2.806

(N)
|
(N)

SPECIAL CONDITIONS

1. Annually, the total amount paid in Schedule 129 Long-Term Transition Cost Adjustments associated with Enrollment Periods A through K will be collected through applicable Large Nonresidential rate schedules (Schedules 75, 85, 89, 90, 485, 489, 490, 575, 585, 589 and 590), through either the System Usage or Distribution Charges. Commencing with Enrollment Period L, the Schedule 129 amounts paid or received will be collected from all rate schedules, through either System Usage Charges or Distribution Charges. Such adjustment to the System Usage or Distribution Charges will be made at the time the Company files final rates for Schedule 125, and will be effective on January 1st of the following calendar year.
2. Annually, changes in fixed generation revenues resulting from either return to or departure from Cost of Service pricing by Schedules 485, 489, 490, 491, 492, and 495 customers relative to the Company's most recent general rate case will be incorporated into the System Usage Charges or Distribution Charges of all rate schedules. Such adjustment to the System Usage or Distribution Charges will be made at the time the Company files final rates for Schedule 125, and will be effective on January 1st of the following calendar year. The adjustment to the System Usage or Distribution Charges resulting from changes in fixed generation revenues shall not result in an overall rate increase or decrease of more than 2 percent except as noted below. For those Enrollment Periods in which the first-year Schedule 129 Transition Adjustments are expected to be positive charges to participants, the projected first-year revenues from Schedule 129 will be netted against the changes in fixed generation costs for purposes of calculating the proposed overall rate increase or decrease. Should the rate increase or decrease exceed 2 percent, the amounts exceeding 2 percent will be deferred for future recovery through a balancing account. This balancing account will be considered an "Automatic Adjustment Clause" as defined in ORS 757.210. For purposes of calculating the percent change in rates, Schedule 125 prices with and without the increased/decreased participating load will be determined.

**SCHEDULE 485
LARGE NONRESIDENTIAL
COST OF SERVICE OPT-OUT
(201 - 4,000 kW)**

AVAILABLE

In all territory served by the Company.

APPLICABLE

To each Large Nonresidential Customer whose Demand has exceeded 200 kW more than six times in the preceding 13 months but has not exceeded 4,000 kW more than once in the preceding 13 months, or with seven months or less of service has not had a Demand exceeding 4,000 kW and who has previously enrolled in a long-term opt-out window. To obtain service under this schedule, Customers must initially enroll a minimum of 1 MWA determined by a demonstrated usage pattern such that projected usage for a full 12 months is at least 8,760,000 kWh (1 MWA) from one or more Points of Delivery (POD). Each POD must have a Facility Capacity of at least 250 kW. Customers with existing enrolled PODs meeting the 1 MWA criteria above may, in a subsequent enrollment window enroll additional PODs so long as the 250 kW Facility Capacity requirement is met. Service under this schedule is limited to the first 300 MWA that applies to Schedules 485, 489, 490, 491, 492, and 495. Beginning with the September 2004 Enrollment Period^{***} C, Customers have a minimum five-year option and a fixed three-year option.

(C)
(T)
(C)
(C)
(C)
(T)

MONTHLY RATE

(D)
(M)

The Monthly Rate will be the sum of the following charges at the applicable Delivery Voltage per POD*:

	<u>Delivery Voltage</u>	
	<u>Secondary</u>	<u>Primary</u>
<u>Basic Charge</u>	\$420.00	\$450.00
<u>Distribution Charges**</u>		
The sum of the following:		
per kW of Facility Capacity		
First 200 kW	\$2.97	\$2.90
Over 200 kW	\$2.07	\$2.00
per kW of monthly On-Peak Demand	\$2.33	\$2.27
<u>System Usage Charge</u>		
per kWh	0.030 ¢	0.029 ¢

* See Schedule 100 for applicable adjustments.

** The Company may require a Customer with dedicated substation capacity and/or redundant distribution facilities to execute a written agreement specifying a higher minimum monthly Facility Capacity and monthly Demand for the POD.

*** A list of Enrollment Periods can be found in Schedule 129.

(M)
(N)

SCHEDULE 485 (Continued)

MARKET BASED PRICING OPTION

Energy Supply

The Customer may elect to purchase Energy from an Electricity Service Supplier (ESS) (Direct Access Service) or from the Company. Such election will be for all of the Customer's POD under this schedule.

Direct Access Service

In addition to the above charges, the Customer is subject to charges from its serving ESS for Electricity, transmission and other services as well as any other charges specified in the service agreement between the Customer and the ESS.

Company Supplied Energy

Upon not less than five business days notice, the Customer may choose the Company Supplied Energy Charge option. The election of this option will be effective on the next regularly scheduled meter reading date, but with not less than a five business day notice to the Company prior to the scheduled meter read date.

The Company Supplied Energy Option is the Intercontinental Exchange Mid-Columbia Daily on- and off-peak Electricity Firm Price Index (ICE-Mid-C Index) plus 2 mills per kWh plus losses. 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.

Wheeling Charge

The Wheeling Charge will be \$1.790 per kW of monthly Demand.

Transmission Charge

Transmission and Ancillary Service Charges will be as specified in the Company's Open Access Transmission Tariff (OATT) as filed and approved by the Federal Energy Regulatory Commission.

(D)
(M)

(M)

SCHEDULE 485 (Continued)

FACILITY CAPACITY

The Facility Capacity will be the average of the two greatest non-zero monthly Demands established anytime during the 12-month period which includes and ends with the current Billing Period.

(M)
|
(M)

CHANGE IN APPLICABILITY

If a Customer's usage changes such that their facility capacity falls below 201 kW, the customer will be moved to an otherwise applicable rate schedule.

(C)
(C)

MINIMUM CHARGE

The minimum charge will be the Basic and Distribution Charges. In addition, the Company may require the Customer to execute a written agreement specifying a higher minimum charge or minimum Facility Capacity and/or Demand, if necessary, to justify the Company's investment in Facilities. The minimum monthly On-Peak Demand (in kW) will be 100 kW for primary voltage service.

(M)

ON AND OFF PEAK HOURS

On-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.

LOSSES

The following adjustment factors will be used where losses are to be included in the Energy Charges:

Primary Delivery Voltage	1.0496
Secondary Delivery Voltage	1.0685

REACTIVE DEMAND CHARGE

In addition to the Monthly Rate, the Customer will pay 50¢ for each kilovolt-ampere of Reactive Demand in excess of 40% of the maximum Demand. Such charge is separate from and in addition to the Minimum Charge specified.

ADJUSTMENTS

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

(M)

SCHEDULE 485 (Continued)

SPECIAL CONDITIONS

Customers selecting this schedule must enter into a written service agreement. In addition, the Customer acknowledges that:

1. Customer is giving up the right granted under state law to receive Electricity from the Company at a rate based on the cost of electric generating resources owned in whole or in part by the Company. Customers enrolled for service under the minimum Five-Year Option during Enrollment Periods* A through L must give the Company not less than two years notice to terminate service under this schedule. Customers enrolled for service under the minimum Five-Year Option subsequent to Enrollment Period* L must provide not less than three years notice to terminate service under this schedule. Such notices will be binding.
2. At the time service terminates under this schedule, the Customer will be considered a new Customer for purposes of determining available service options. A Customer served under the Company Supplied Energy option must meet the terms of the service agreement associated with that service prior to termination of service under this schedule.
3. The rate the Customer pays for Electricity may be higher or lower than the rates charged by the Company to similar customers not taking service under this schedule, including competitors to the Customer.
4. Neither the Company, its employees and agents, the Commission nor any other agency of the State of Oregon has made any representation to the Customer regarding future Electricity prices that will result from the Customer's election of service under this schedule.
5. The Customer is selecting this schedule based solely upon its own analysis of the benefits of this schedule. The Customer has available to it energy experts that assisted in making this decision.
6. The Customer warrants that the person signing the service agreement has full authority to bind the Customer to such agreement.
7. Direct Access Service is available only on acceptance of a Direct Access Service Request (DASR) by the Company. A Customer is required to have interval metering and meter communications in place prior to initiation of service under this schedule.

* A list of Enrollment Periods can be found in Schedule 129.

(T)

(M)

(T)

(T)

(M)

(N)

SCHEDULE 485 (Concluded)

(T)

SPECIAL CONDITIONS (Continued)

(M)

8. If the Customer is served at either primary or subtransmission voltage, the Customer will provide, install, and maintain on the Customer's premises all necessary transformers to which the Company's service is directly or indirectly connected. The Customer also will provide, install, and maintain the necessary switches, cutouts, protection equipment, and in addition, the necessary wiring on both sides of the transformers. All transformers, equipment, and wiring will be of types and characteristics approved by the Company, and the arrangement and operation of such equipment will be subject to the approval of the Company.
9. Customers selecting service under this schedule will be limited to a Company/ESS Split Bill.

TERM

Minimum Five-Year Option

The term of service will not be less than five years. Service will be year-to-year thereafter. Customers enrolled for service during Enrollment Periods* A through L must give the Company not less than two years notice to terminate service under this schedule. Customers enrolled for service subsequent to Enrollment Period* L must give the Company not less than three years notice to terminate service under this schedule. Such notices will be binding.

(T)

(T)

Fixed Three-Year Option

The term of service will be three years. Upon completion of this three year term, the Customer will select service under any other applicable rate schedule, subject to all notice requirements and provisions of the schedule.

(M)

* A list of Enrollment Periods can be found in Schedule 129.

(N)

**SCHEDULE 489
LARGE NONRESIDENTIAL
COST-OF-SERVICE OPT-OUT
(>4,000 kW)**

AVAILABLE

In all territory served by the Company.

APPLICABLE

To each Large Nonresidential Customer whose Demand has exceeded 4,000 kW more than once within the preceding 13 months and who has previously enrolled in a long-term opt-out window. To obtain service under this schedule, Customers must initially enroll a minimum of 1 MWh determined by a demonstrated usage pattern such that projected usage for a full 12 months is at least 8,760,000 kWh (1 MWh) from one or more Points of Delivery (POD). Each POD must have a Facility Capacity of at least 250 kW. Customers with existing enrolled PODs meeting the 1 MWh criteria above may, in a subsequent enrollment window enroll additional PODs so long as the 250 kW Facility Capacity requirement is met. Service under this schedule is limited to the first 300 MWh that applies to Schedules 485, 489, 490, 491, 492, and 495. Beginning with the September 2004 Enrollment Period*** C, Customers have a minimum five-year option and a fixed three-year option.

(C)
(T)
(C)
(C)
(C)
(T)

MONTHLY RATE

The Monthly Rate will be the sum of the following charges at the applicable Delivery Voltage per POD*:

	<u>Delivery Voltage</u>		
	<u>Secondary</u>	<u>Primary</u>	<u>Subtransmission</u>
<u>Basic Charge</u>	\$2,590.00	\$1,560.00	\$2,990.00
<u>Distribution Charges**</u>			
The sum of the following:			
per kW of Facility Capacity			
First 4,000 kW	\$1.09	\$1.06	\$1.06
Over 4,000 kW	\$1.09	\$1.06	\$1.06
per kW of monthly On-Peak Demand	\$2.33	\$2.27	\$1.19
<u>System Usage Charge</u>			
per kWh	(0.002) ¢	(0.003) ¢	(0.003) ¢

* See Schedule 100 for applicable adjustments.

** The Company may require a Customer with dedicated substation capacity and/or redundant distribution facilities to execute a written agreement specifying a higher minimum monthly Facility Capacity and monthly Demand for the POD.

*** A list of Enrollment Periods can be found in Schedule 129.

(D)
(M)
(M)
(N)

SCHEDULE 489 (Continued)

MARKET BASED PRICING OPTION

Energy Supply

The Customer may elect to purchase Energy from an Electricity Service Supplier (ESS) (Direct Access Service) or from the Company. Such election will be for all of the Customer's POD under this schedule.

Direct Access Service

In addition to the above charges, the Customer is subject to charges from its serving ESS for Electricity, Transmission and other services as well as any other charges specified in the service agreement between the Customer and the ESS.

Company Supplied Energy

Upon not less than five business days notice, the Customer may choose the Company Supplied Energy Charge option. The election of this option will be effective on the next regularly scheduled meter reading date, but with not less than a five business day notice to the Company prior to the scheduled meter read date.

The Company Supplied Energy Option is the Intercontinental Exchange Mid-Columbia Daily on- and off-peak Electricity Firm Price Index (ICE-Mid-C Index) plus 2 mills per kWh plus losses. 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.

Wheeling Charge

The Wheeling Charge will be \$1.790 per kW of monthly Demand.

Transmission Charge

Transmission and Ancillary Service Charges will be as specified in the Company's Open Access Transmission Tariff (OATT) as filed and approved by the Federal Energy Regulatory Commission.

(D)
(M)

(M)

SCHEDULE 489 (Continued)

MINIMUM CHARGE

The minimum charge will be the Basic and Distribution Charges. In addition, the Company may require the Customer to execute a written agreement specifying a higher minimum charge or minimum Facility Capacity and/or Demand, if necessary, to justify the Company's investment in Facilities. The minimum Facility Capacity and Demand (in kW) will be 200 kW and 4,000 kW for primary voltage and subtransmission voltage service respectively.

ON AND OFF PEAK HOURS

On-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.

LOSSES

The following adjustment factors will be used where losses are to be included in the energy charges:

Subtransmission Delivery Voltage	1.0356
Primary Delivery Voltage	1.0496
Secondary Delivery Voltage	1.0685

REACTIVE DEMAND CHARGE

In addition to the Monthly Rate, the Customer will pay 50¢ for each kilovolt-ampere of Reactive Demand in excess of 40% of the maximum Demand. Such charge is separate from and in addition to the Minimum Charge specified.

ADJUSTMENTS

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

SPECIAL CONDITIONS

Customers selecting this schedule must enter into a service agreement. In addition, the Customer acknowledges that:

1. Customer is giving up the right granted under state law to receive Electricity from the Company at a rate based on the cost of electric generating resources owned in whole or in part by the Company. Customers enrolled for service under the Minimum Five-Year Option during Enrollment Periods^{*} A through L must give the Company not less than two years notice to terminate service under this schedule. Customers enrolled for service under the minimum Five-Year Option subsequent to Enrollment Period^{*} L must provide not less than three years notice to terminate service under this schedule. Such notices will be binding.

^{*} A list of Enrollment Periods can be found in Schedule 129.

(M)

(T)

(T)

(M)

(N)

SCHEDULE 489 (Continued)

SPECIAL CONDITIONS (Continued)

2. At the time service terminates under this schedule, the Customer will be considered a new Customer for purposes of determining available service options. A Customer served under the Company Supplied Energy option must meet the terms of the service agreement associated with that service prior to termination of service under this schedule.
3. The rate the Customer pays for Electricity may be higher or lower than the rates charged by the Company to similar customers not taking service under this schedule, including competitors to the Customer.
4. Neither the Company, its employees and agents, the Commission nor any other agency of the State of Oregon has made any representation to the Customer regarding future Electricity prices that will result from the Customer's election of service under this schedule.
5. The Customer is selecting this schedule based solely upon its own analysis of the benefits of this schedule. The Customer has available to it Energy experts that assisted in making this decision.
6. The Customer warrants that the person signing the service agreement has full authority to bind the Customer to such agreement.
7. Direct Access Service is available only on acceptance of a Direct Access Service Request (DASR) by the Company. A Customer is required to have interval metering and meter communications in place prior to initiation of service under this schedule.
8. If the Customer is served at either primary or subtransmission voltage, the Customer will provide, install, and maintain on the Customer's premises all necessary transformers to which the Company's service is directly or indirectly connected. The Customer also will provide, install, and maintain the necessary switches, cutouts, protection equipment, and in addition, the necessary wiring on both sides of the transformers. All transformers, equipment, and wiring will be of types and characteristics approved by the Company, and the arrangement and operation of such equipment will be subject to the approval of the Company.
9. Customers selecting service under this Schedule will be limited to a Company/ESS Split Bill.

(D)
(M)

(M)

SCHEDULE 489 (Concluded)

TERM

Minimum Five-Year Option

The term of service will not be less than five years. Service will be year-to-year thereafter. Customers enrolled for service during Enrollment Periods* A through L must give the Company not less than two years notice to terminate service under this schedule. Customers enrolled for service subsequent to Enrollment Period* L must give the Company not less than three years notice to terminate service under this schedule. Such notices will be binding.

Fixed Three-Year Option

The term of service will be three years. Upon completion of this three year term, the Customer will select service under any other applicable rate schedule, subject to all notice requirements and provisions of the schedule.

* A list of Enrollment Periods can be found in Schedule 129.

(T)

(M)

(T)

(T)

(M)

(N)

**SCHEDULE 490
LARGE NONRESIDENTIAL
COST-OF-SERVICE OPT-OUT
(>4,000 kW and Aggregate to >100 MWa)**

AVAILABLE

In all territory served by the Company.

APPLICABLE

To each Large Nonresidential Customer who meet the following conditions: 1) Individual account demand has exceeded 4,000 kW at least twice within the preceding 13 months, or with seven months or less of service has had a Demand exceeding 4,000 kW; and 2) where combined usage of all accounts meeting condition 1 for the Large Nonresidential Customer aggregate to at least 100MWa in a calendar year; and 3) the customer maintains a load factor of 80% or greater for each account; and 4) who has previously enrolled in a long-term opt-out window. To obtain service under this schedule, Customers must initially enroll a minimum of 1 MWa determined by a demonstrated usage pattern such that projected usage for a full 12 months is at least 8,760,000 kWh (1 MWa) from one or more Points of Delivery (POD). Each POD must have a Facility Capacity of at least 250 kW. Customers with existing enrolled PODs meeting the 1 MWa criteria above may, in a subsequent enrollment window*** enroll additional PODs so long as the 250 kW Facility Capacity requirement is met. Service under this schedule is limited to the first 300 MWa that applies to this and Schedules 485 489, 490, 491, 492, and 495. Customers have a minimum five-year option and a fixed three-year option.

(C)
(T)

(C)
(C)
(C)

(D)
(M)

MONTHLY RATE

The Monthly Rate will be the sum of the following charges per Point of Delivery (POD)*:

<u>Basic Charge</u>	\$25,000.00
<u>Distribution Charges**</u>	
The sum of the following:	
per kW of Facility Capacity	
First 4,000 kW	\$1.03
Over 4,000 kW	\$1.03
per kW of monthly On-Peak Demand	\$2.27
<u>System Usage Charge</u>	
per kWh	(0.021) ¢

* See Schedule 100 for applicable adjustments.

** The Company may require a Customer with dedicated substation capacity and/or redundant distribution facilities to execute a written agreement specifying a higher minimum monthly Facility Capacity and monthly Demand for the POD.

*** A list of Enrollment Periods can be found in Schedule 129.

(M)
(N)

SCHEDULE 490 (Continued)

MARKET BASED PRICING OPTION

Energy Supply

The Customer may elect to purchase Energy from an Electricity Service Supplier (ESS) (Direct Access Service) or from the Company. Such election will be for all of the Customer's POD under this schedule.

Direct Access Service

In addition to the above charges, the Customer is subject to charges from its serving ESS for Electricity, Transmission and other services as well as any other charges specified in the service agreement between the Customer and the ESS.

Company Supplied Energy

Upon not less than five business days notice, the Customer may choose the Company Supplied Energy Charge option. The election of this option will be effective on the next regularly scheduled meter reading date, but with not less than a five business day notice to the Company prior to the scheduled meter read date.

The Company Supplied Energy Option is the Intercontinental Exchange Mid-Columbia Daily on- and off-peak Electricity Firm Price Index (ICE-Mid-C Index) plus 2 mills per kWh plus losses. 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.

Wheeling Charge

The Wheeling Charge will be \$1.790 per kW of monthly Demand.

Transmission Charge

Transmission and Ancillary Service Charges will be as specified in the Company's Open Access Transmission Tariff (OATT) as filed and approved by the Federal Energy Regulatory Commission.

MINIMUM CHARGE

The minimum charge will be the Basic and Distribution Charges. In addition, the Company may require the Customer to execute a written agreement specifying a higher minimum charge or minimum Facility Capacity and/or Demand, if necessary, to justify the Company's investment in Facilities. The minimum Facility Capacity and Demand (in kW) will be 200 kW and 4,000 kW for primary voltage and subtransmission voltage service respectively.

SCHEDULE 490 (Continued)

ON AND OFF PEAK HOURS

(D)

On-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.

LOSSES

(M)

The following adjustment factors will be used where losses are to be included in the energy charges:

Subtransmission Delivery Voltage	1.0356
Primary Delivery Voltage	1.0496
Secondary Delivery Voltage	1.0685

REACTIVE DEMAND CHARGE

In addition to the Monthly Rate, the Customer will pay 50¢ for each kilovolt-ampere of Reactive Demand in excess of 40% of the maximum Demand. Such charge is separate from and in addition to the Minimum Charge specified.

ADJUSTMENTS

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

SPECIAL CONDITIONS

Customers selecting this schedule must enter into a service agreement. In addition, the Customer acknowledges that:

1. Customer is giving up the right granted under state law to receive Electricity from the Company at a rate based on the cost of electric generating resources owned in whole or in part by the Company. Customers enrolled for service under the Minimum Five-Year Option must give the Company not less than three years notice to terminate service under this schedule. Such notice will be binding.
2. At the time service terminates under this schedule, the Customer will be considered anew Customer for purposes of determining available service options. A Customer served under the Company Supplied Energy option must meet the terms of the service agreement associated with that service prior to termination of service under this schedule.

(M)

SCHEDULE 490 (Concluded)

(T)

SPECIAL CONDITIONS (Continued)

(T)

(M)

3. The rate the Customer pays for Electricity may be higher or lower than the rates charged by the Company to similar customers not taking service under this schedule, including competitors to the Customer.
4. Neither the Company, its employees and agents, the Commission nor any other agency of the State of Oregon has made any representation to the Customer regarding future Electricity prices that will result from the Customer's election of service under this schedule.
5. The Customer is selecting this schedule based solely upon its own analysis of the benefits of this schedule. The Customer has available to it Energy experts that assisted in making this decision.
6. The Customer warrants that the person signing the service agreement has full authority to bind the Customer to such agreement.
7. Direct Access Service is available only on acceptance of a Direct Access Service Request (DASR) by the Company. A Customer is required to have interval metering and meter communications in place prior to initiation of service under this schedule.
8. If the Customer is served at either primary or subtransmission voltage, the Customer will provide, install, and maintain on the Customer's premises all necessary transformers to which the Company's service is directly or indirectly connected. The Customer also will provide, install, and maintain the necessary switches, cutouts, protection equipment, and in addition, the necessary wiring on both sides of the transformers. All transformers, equipment, and wiring will be of types and characteristics approved by the Company, and the arrangement and operation of such equipment will be subject to the approval of the Company.
9. Customers selecting service under this Schedule will be limited to a Company/ESS Split Bill.

TERM

Minimum Five-Year Option

The term of service will not be less than five years. Service will be year-to-year thereafter. Customers must give the Company not less than three years notice to terminate service under this schedule. Such notice will be binding.

Fixed Three-Year Option

The term of service will be three years. Upon completion of this three year term, the Customer will select service under any other applicable rate schedule, subject to all notice requirements and provisions of the schedule.

(M)