

December 27, 2016

VIA ELECTRONIC FILINGPublic Utility Commission of Oregon
201 High Street SE, Suite 100
Salem, OR 97301-3398

Attn: Filing Center

RE: Advice 16-020 – Schedule 45 – Public DC Fast Charger Delivery Service Optional Transitional Rate

In compliance with ORS 757.205 and OAR 860-022-0025, PacifiCorp d/b/a Pacific Power (Company) submits for filing proposed tariff sheets associated with Tariff P.U.C. OR No. 36, which sets forth all rates, tolls, charges, rules, and regulations applicable to electric service in Oregon. The Company respectfully requests an effective date of March 1, 2017.

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Fifth Revision of Sheet No. 80	Schedule 80	Generation Investment Adjustment
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Third Revision of Sheet No. 299	Schedule 299	Rate Mitigation Adjustment
Original Sheet No. 745-1	Schedule 745	Public DC Fast Charger Optional Transitional Rate Direct Access Delivery Service
Original Sheet No. 745-2	Schedule 745	Public DC Fast Charger Optional Transitional Rate Direct Access Delivery Service
Original Sheet No. 745-3	Schedule 745	Public DC Fast Charger Optional Transitional Rate Direct Access Delivery Service

Purpose

The purpose of this filing is to introduce a new optional transitional rate for electric vehicle direct current (DC) fast chargers that replaces demand charges with on-peak energy charges.

Background

Publicly-available Electric Vehicle Supply Equipment (EVSE) is generally classified as Level 1 (convenient, standard household outlet charging), Level 2 (higher-powered, faster charging), and DC fast charging. While Level 1 and Level 2 EVSE use alternating current (AC) to recharge a plug-in electric vehicle (PEV), and are currently the most common type of publicly-available EVSE, DC fast chargers have become popular due to the speed at which they can recharge a PEV. Level 1 and 2 EVSE deliver approximately 2 to 5 miles and 10 to 20 miles of range per hour of charging, respectively, while DC fast charging delivers approximately 50 to 70 miles of range per 20 minutes of charging¹. However, the faster speed of DC fast chargers requires that they draw a higher level of demand - typically between 50 and 100 kW. For DC fast charging stations, this often results in demand charges that are cost prohibitive relative to the number of sessions for which an owner is able to charge drivers.

Senate Bill 1547, passed in March of 2016, requires the Company to file with the Public Utility Commission of Oregon (Commission) application(s) to develop programs to accelerate transportation electrification. Accordingly, PacifiCorp is filing three applications concurrently with this advice filing. In advance of filing its applications, the Company held a series of public stakeholder workshops. At those stakeholder meetings, various parties indicated that demand charges are a significant impediment to maintaining and expanding the development of public DC fast charging stations at current utilization levels. As a result of these meetings, as well as the Company's own analysis, it became apparent that, while it may not often be economic for customers to install DC fast chargers at the current frequency with which they are utilized by PEV drivers, the availability of a network of publicly-available DC fast chargers is critical to the acceleration of transportation electrification. DC fast chargers allow PEV drivers to travel long distances without the fear of being stranded and unable to quickly recharge. With this filing, the Company hopes to accelerate the development of this network by implementing an optional transitional rate specifically applicable to publicly available direct current (DC) fast charging stations that replaces demand charges with on-peak energy charges. While demand charges send an important price signal to customers about their peak usage, replacing the demand charge with an on-peak energy charge will encourage the buildout of publicly available DC fast charging stations and accelerate transportation electrification for a transitional period of time while also providing a price signal for the higher costs during peak periods.

Eligibility

The proposed rate would be available to all PEV charging stations that:

- (a) Are separately metered (i.e., a meter dedicated only to PEV charging)

¹ According to the U.S. Department of Energy's Alternative Fuels Data Center
See: http://www.afdc.energy.gov/fuels/electricity_infrastructure.html

- This ensures that only PEV charging is able to benefit from this rate. The charging station must be separately-metered, and all load must be for the purpose of PEV charging or billing for that charging.
- (b) Have at least one DC fast charger
- A charging station could have other EVSE on the meter, such as Level 2 chargers, but it must have at least one DC fast charger. The burden of paying for demand charges is most acutely challenging for DC fast chargers and the Company's proposed transitional rate is specifically targeted at them.
- (c) Have a load size less than one megawatt (MW)
- If a customer has a separately-metered charging station with a load size over 1 MW, the Company would expect the customer to manage their usage in a way that responds to the price signal created by a demand charge. 1 MW constitutes a significant load for the Company to manage on its system.
- (d) Are available to the public
- This requirement ensures the Company's proposed rate aids the maintenance and acceleration of a network of charging stations that anyone can use. In special condition 4, the Company's proposed Schedule 45 tariff defines a charging site to be broadly available to the general public for the purposes of eligibility on this rate schedule if it is available for use by any driver and is capable of charging more than one make of automobile. The purpose of limiting this rate to only stations that would be capable of charging more than one make of automobile is to make sure that those stations are broadly available. Provided the station could do this, there would be no further requirement to have multiple charging formats or technologies.
 - Also, in special condition 5, the Company's proposed Schedule 45 tariff states that the Company reserves the right to terminate service under this schedule if it finds that excessive fees imposed by the charging station owner result in the charging station not being broadly available. The intention of this is to ensure that stations do not circumvent the requirement to be broadly available to the general public by charging very high prices to the public. For example, a dealership could claim that their charging station was publicly available, but then charge nothing for people who bought a car from them and \$1,000 a charging session for anyone else.

When requesting service under this transitional rate, customers must confirm eligibility based on the criteria above. Pacific Power customer service agents will request confirmation of eligibility when placing customers on the new rate.

Rate Design

Based on the typical DC fast charger's demand level of around 50 kilowatts, the current applicable schedule is Schedule 28, General Service 31 to 200 kW. The proposed Schedule 45 rate design is equivalent to Schedule 28 except that the monthly demand charges are replaced by on-peak, energy-based charges that are designed to be revenue neutral based on the usage of the entire class of Schedule 28 customers. Schedule 45 customers will pay energy based supply and adjustment rates that are applicable to Schedule 28. The Schedule 28 demand based charge in

Schedule 80, Generation Investment Adjustment has been converted to an on-peak energy charge separately listed in the tariff as applicable to Schedule 45.

The average Schedule 28 usage per customer, including monthly kilowatt demand and on-peak kilowatt-hour usage, is shown in Attachment A to this filing. The proposed Schedule 45 on-peak kilowatt-hour rates are calculated by taking the revenue from the Schedule 28 demand based charges, and dividing them by the Schedule 28 on-peak kilowatt-hour usage. This calculation is shown in Attachment B to this filing alongside the other prices for current Schedule 28 and proposed Schedule 45.

Because DC fast chargers currently have low load factors (low average kilowatt-hour usage relative to their peak kilowatt demand), they would have lower monthly bills upon initially switching to proposed Schedule 45. Proposed Schedule 45 is intended to make the operation of public DC fast charging stations more affordable while they have infrequent usage, with the eventual goal of transitioning to a more cost-based rate as their kilowatt-hour usage and load factor increase. The proposed transitional rate on-peak energy charges also provide a price signal for these stations to encourage charging at times that are more advantageous to the electric system. To maintain an on-peak period consistent with what is currently offered to residential and small non-residential consumers, the Company plans to use the on-peak time period currently effective for Schedule 210, Portfolio Time-of-Use Supply Service. This is defined as 4-8 p.m. in summer; 6-10 a.m. and 5-8 p.m. in winter (except weekends and holidays).

Load size charges, which are based on the average of the two highest non-zero demands in the previous twelve months, will continue to apply under Schedule 45. These charges are \$1.15 or less per kilowatt load size. Continuing to apply this smaller demand-related charge will keep customers aware of their level of demand usage without being cost-prohibitive.

Transitional Period

The Company proposes a ten-year limited term for its proposed transitional tariff. This timeline provides time for the publicly-available EVSE model to evolve as the PEV industry continues to develop. To avoid rate shock at the end of the ten-year term, the Company may periodically file to increase the Load size charge during the ten-year period to gradually return customers to standard rates. As the Company gathers data from customers on its proposed rate, it may also consider separate class treatment for this group of customers, if the Company finds that their usage characteristics warrant such treatment.

Every three years, the Company proposes to file an evaluation of the program that will address the following:

- (a) The monthly number of customers, including the number of DC fast chargers participating in the tariff.
- (b) An analysis that compares these customers' monthly bills with what they would have been on standard rates.
- (c) Lessons learned from the program, including any anecdotal feedback from customers or from PEV drivers who use the participating DC fast chargers.

Bill Comparison

The bill comparison in Attachment C shows a typical bill for a DC fast charger with a two percent load factor on Schedule 28 Secondary, as well as an estimated bill under proposed Schedule 45. The comparison shows that the monthly bill for the typical DC fast charger would be reduced from \$427 to \$145 under the proposed rates, a monthly savings of \$282.

To support the proposed rates and meet the requirements of OAR 860-022-0025, the Company submits the proposed tariffs along with the following attachments:

- Attachment A - Oregon Schedule 28 Average Monthly Customer Usage Profile
- Attachment B - Oregon Charging Station Transitional Rate Calculation
- Attachment C - Monthly Billing Comparison for an Electric Vehicle DC Fast Charger

This proposed rate change will affect approximately 14 existing DC fast charger customers if they choose to be served under the new rate schedule. The reduction in annual revenue due to customers switching rates is expected to be minimal. Other customers will not be affected by the proposed changes.

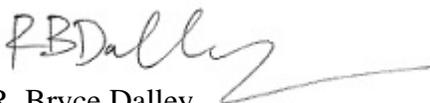
It is respectfully requested that all formal data requests regarding this filing be addressed to:

By e-mail (preferred): datarequest@pacificorp.com

By regular mail: Data Request Response Center
 PacifiCorp
 825 NE Multnomah, Suite 2000
 Portland, Oregon 97232

Informal inquiries regarding this filing may be directed to Natasha Siores, Manager, Regulatory Affairs at (503) 813-6583.

Sincerely,


R. Bryce Dalley
Vice President, Regulation

Enclosures

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Schedule No.

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754	Recreational Field Lighting –Restricted	
776R	Large General Service/Partial Requirements Service – Economic Replacement Service Rider	

**PUBLIC DC FAST CHARGER OPTIONAL TRANSITIONAL RATE
 DELIVERY SERVICE**
Available

In all territory served by the Company in the State of Oregon.

(N)

Applicable

To Nonresidential Consumers taking service for electric vehicle charging stations separately metered from other electric service whose loads have not registered 1,000 kW or more, more than once in the preceding 18-month period and who are not otherwise subject to service on Schedules 47 or 48. Consumer charging sites must be broadly available to the general public and must include at least one direct current (DC) fast charger as defined in the special conditions below. Deliveries at more than one point, or more than one voltage and phase classification, will be separately metered and billed.

Monthly Billing

The Monthly Billing shall be the sum of the Distribution Charge and Transmission & Ancillary Services Charge plus the applicable rate in Schedule 80 and applicable adjustments as specified in Schedule 90.

All Delivery Voltages
Distribution Charge
Basic Charge

Load Size ≤50 kW, per month	\$ 18.00
Load Size 51-100 kW, per month	\$ 34.00
Load Size 101 - 300 kW, per month	\$ 81.00
Load Size > 300 kW, per month	\$115.00

Load Size Charge

≤50 kW, per kW Load Size	\$ 1.15
51 - 100 kW, per kW Load Size	\$ 0.90
101 – 300 kW, per kW Load Size	\$ 0.55
> 300 kW, per kW Load Size	\$ 0.35

On-Peak Energy Charge, per On-Peak kWh	7.297¢
Distribution Energy Charge, per kWh	0.393¢
Reactive Power Charge, per kvar	\$ 0.65

Transmission & Ancillary Services Charge

Per On-Peak kWh	2.802¢
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System Usage Charge

Schedule 200 Related, per kWh	0.075¢
T&A and Schedule 201 Related, per kWh	0.078¢

kW Load Size:

For determination of the Basic Charge and the Load Size Charge, the kW load size shall be the average of the two greatest non-zero monthly demands established during the 12-month period which includes and ends with the current billing month.

(N)

(continued)

**PUBLIC DC FAST CHARGER OPTIONAL TRANSITIONAL RATE
DELIVERY SERVICE****On-Peak Period**

The kWh shown by or computed from the readings of the Company's energy meter during on-peak hours. The on-peak period is

Winter: Monday through Friday 6:00 a.m. to 10:00 a.m. and 5:00 p.m. to 8:00 p.m.

Summer: Monday through Friday 4:00 p.m. to 8:00 p.m.

Due to the expansions of Daylight Saving Time (DST) as adopted under Section 110 of the U.S. Energy Policy Act of 2005, the time periods shown 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. At such time as updated DST programming is available and has been applied to a Consumer meter, the time periods shown above will apply on all days for that Consumer. Consumers will be notified of their change to updated DST programming in a timely manner.

Off-Peak Period

All non On-Peak Period plus the following holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

Seasonal Definition

Winter months are defined as November 1 through March 31. Summer months are defined as April 1 through October 31.

Minimum Charge

The minimum monthly charge shall be the Basic Charge and the Load Size Charge plus the demand charge. A higher minimum may be required under contract to cover special conditions.

Reactive Power Charge

The maximum 15-minute reactive demand for the month in kilovolt-amperes in excess of 40% of the measured kilowatt demand for the same month.

Demand

The kW shown by or computed from the readings of the Company's demand meter for the 15-minute period of the Consumer's greatest use during the month, determined to the nearest kW.

Metering Adjustment

For a Consumer receiving service at secondary delivery voltage where metering is at primary delivery shall have all billing quantities multiplied by an adjustment factor of 0.9718.

For a Consumer receiving service at primary delivery voltage where metering is at secondary delivery voltage shall have all billing quantities multiplied by an adjustment factor of 1.0290.

Supply Service Options

All Consumers taking Delivery Service under this schedule shall pay the applicable rates in Schedule 200, Base Supply Service. Additionally, each Consumer shall specify Supply Service Schedule 201 or Schedule 220, as appropriate and in accordance with the Applicable section of the specified rate schedule. If Consumer elects to receive Supply Service from an ESS, Delivery Service shall be provided under Schedule 745, Direct Access Delivery Service.

(continued)

(N)

(N)

**PUBLIC DC FAST CHARGER OPTIONAL TRANSITIONAL RATE
DELIVERY SERVICE****Franchise Fees**

Franchise fees related to Schedule 200, Base Supply Service, are collected through the System Usage Charge - Schedule 200 Related rate. Franchise fees related to Transmission & Ancillary Services and franchise fees related to Schedule 201, Net Power Costs, are collected through the System Usage Charge - T&A and Schedule 201 Related rate. Franchise fees related to distribution charges are collected through distribution charges.

Special Conditions

1. At the option of the Consumer, service may be provided under the otherwise applicable General Service Schedule.
2. The Consumer shall not resell electric service received from the Company under provisions of this Schedule to any person, except by permission of the Company or as otherwise expressly provided in Company tariffs. The sale of electricity for fuel to a motor vehicle is expressly allowed as described in rule 2.E of this tariff.
3. A DC Fast Charger is defined for the purposes of eligibility on this rate schedule as a charging station with a Direct Current (DC) connection that has been designed to recharge the battery of an electric vehicle.
4. An electric vehicle charging site is considered to be broadly available to the general public for the purposes of eligibility on this rate schedule if it is available for use by any driver and is capable of charging more than one make of automobile. Eligibility and acceptance of a customer for service under this rate schedule is subject to review and approval by the Company.
5. The company reserves the right to terminate service under this schedule if it finds that excessive fees imposed by the charging station owner result in the charging station not being broadly available, per the requirements of this schedule.

Continuing Service

Except as specifically provided otherwise, the rates of this tariff are based on continuing service at each service location. Disconnect and reconnect transactions shall not operate to relieve a seasonal Consumer from minimum monthly charges.

Term of Contract

The Company may require the Consumer to sign a written contract which shall have a term of not less than one year.

Term of Schedule

This transitional rate schedule will be limited to a ten year period from the initial effective date.

Rules and Regulations

Service under this Schedule is subject to the General Rules and Regulations contained in the tariff of which this Schedule is a part and to those prescribed by regulatory authorities.

GENERATION INVESTMENT ADJUSTMENT

Page 1

Purpose

This schedule reflects an adjustment associated with the Lake Side 2 generation investment and interconnection, consistent with Order No. 13-474.

Applicable

To all Residential Consumers and Nonresidential Consumers.

Monthly Billing

All bills calculated in accordance with Schedules contained in presently effective Tariff Or. No.36 shall have applied an amount equal to the product of all kWh, and/or, as appropriate, kW, multiplied by the following applicable rate as listed by Delivery Service schedule.

Delivery Service Schedule	Secondary	Primary	Transmission	
Schedule 4, per kWh	0.170¢			
Schedule 5, per kWh	0.170¢			
Schedule 15, per kWh	0.120¢			
Schedule 23, 723, per kWh	0.168¢	0.163¢		
Schedule 28, 728, per kWh	0.058¢	0.055¢		
Schedule 28, 728, per kW	\$0.34	\$0.29		
Schedule 30, 730, per kWh	0.055¢	0.054¢		
Schedule 30, 730, per kW	\$0.40	\$0.37		
Schedule 41, 741, per kWh	0.166¢	0.161¢		
Schedule 45, 745, per kWh	0.058¢	0.055¢		(N)
Schedule 45, 745, per On-Peak kWh	0.639¢	0.639¢		(N)
Schedule 47, 747, per kWh	0.054¢	0.053¢	0.048¢	
Schedule 47, 747, per On-Peak kW	\$0.41	\$0.45	\$0.62	
Schedule 48, 748, per kWh	0.054¢	0.053¢	0.048¢	
Schedule 48, 748, per On-Peak kW	\$0.41	\$0.45	\$0.62	
Schedule 50, per kWh	0.120¢			
Schedule 51, 751, per kWh	0.120¢			
Schedule 52, 752, per kWh	0.120¢			
Schedule 53, 753, per kWh	0.120¢			
Schedule 54, 754, per kWh	0.120¢			

Rates "per kWh" shall apply to all kilowatt-hours of use per month.

Rates "per On-Peak kWh" shall apply to all on-peak kilowatt hours of use per month as defined in the respective Delivery Service schedule. (N)

Rates "per kW" and "per On-Peak kW" shall be charged based on measured monthly Demand and On-Peak Demand, respectively, as defined in each respective Delivery Service schedule. (N)

SUMMARY OF EFFECTIVE RATE ADJUSTMENTS

The following summarizes the applicability of the Company's adjustment schedules

SUMMARY OF EFFECTIVE RATE ADJUSTMENTS

Schedule	91	93	95	96	97	98*	196	197	199	202	203	204	205	206	290	294*	295*	296*	297*	299	
4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X
5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X
15	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X				X	X
23	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X				X	X
28	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X				X	X
30	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X				X	X
41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X
45	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X				X	X (N)
47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X
48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X
50	X	X	X	X			X	X	X	X	X	X	X	X	X	X				X	X
51	X	X	X	X			X	X	X	X	X	X	X	X	X	X				X	X
52	X	X	X	X			X	X	X	X	X	X	X	X	X	X				X	X
53	X	X	X	X			X	X	X	X	X	X	X	X	X	X				X	X
54	X	X	X	X			X	X	X	X	X	X	X	X	X	X				X	X
723	X	X	X	X		X	X	X	X			X	X	X	X	X				X	X
728	X	X	X	X		X	X	X	X			X	X	X	X	X				X	X
730	X	X	X	X		X	X	X	X			X	X	X	X	X	X	X		X	X
741	X	X	X	X	X	X	X	X	X			X	X	X	X	X				X	X
745	X	X	X	X		X	X	X	X			X	X	X	X	X				X	X (N)
747	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X		X	X
748	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X		X	X
751	X	X	X	X			X	X	X			X	X	X	X	X				X	X
752	X	X	X	X			X	X	X			X	X	X	X	X				X	X
753	X	X	X	X			X	X	X			X	X	X	X	X				X	X
754	X	X	X	X			X	X	X			X	X	X	X	X				X	X

*Not applicable to all consumers. See Schedule for details.

LOW INCOME BILL PAYMENT ASSISTANCE FUND
Purpose

The purpose of this Schedule is to collect funds for electric low-income bill payment assistance as specified in ORS 757.612 Section (7)(b) and in ORS 757.612 Section 3.

Applicable

To all bills for electric service calculated under all tariffs and contracts.

Adjustment Rates

The applicable Adjustment Rates are listed below. Retail electricity Consumers shall not be required to pay more than \$500 per month per site for low-income electric bill payment assistance.

Schedule	Adjustment Rate
4, 5	50 cents per month <u>34 cents per month temporary adjustment*</u> 84 cents total effective adjustment rate
15, 23, 28, 30, 41, 45, 47, 48, 50, 51, 52, 53, 54, 400, 723, 728, 730, 741, 745, 747, 748, 751, 752, 753 and 754	0.050 cents per kWh for the first 1,000,000 kWh

(N)

(N)

*This temporary adjustment will expire on October 4, 2017.

Definition of Site (Order No. 01-073 entered January 3, 2001)

"Site" means:

- (a) Buildings and related structures that are interconnected by facilities owned by a single retail electricity consumer and that are served through a single electric meter; or
- (b) A single contiguous area of land containing buildings or other structures that are separated by not more than 1,000 feet, such that:
 - i. Each building or structure included in the site is no more than 1,000 feet from at least one other building or structure in the site;
 - ii. Buildings and structures in the site, and land containing and connecting buildings and structures in the site, are owned by a single retail electricity consumer who is billed for electricity use at the buildings and structures; and
 - iii. Land shall be considered to be contiguous even if there is an intervening public or railroad right of way, provided that rights of way land, on which municipal infrastructure facilities exist (such as street lighting, sewerage transmission, and roadway controls), shall not be considered contiguous.

(continued)

**ADJUSTMENT TO REMOVE DEER CREEK MINE INVESTMENT
FROM RATE BASE**

Page 1

Purpose

This schedule implements adjustments to remove the undepreciated investment in the Deer Creek mine from rate base, as authorized by Order No. 15-161 in Docket UM 1712.

Monthly Billing

All bills calculated in accordance with Schedules contained in presently effective Tariff Or. No.36 will have applied an amount equal to the product of all kWh multiplied by the following applicable rate as listed by Delivery Service schedule.

Delivery Service Schedule

Schedule 4, per kWh	-0.022¢
Schedule 5, per kWh	-0.022¢
Schedule 15, per kWh	-0.015¢
Schedule 23, 723, per kWh	-0.021¢
Schedule 28, 728, per kWh	-0.022¢
Schedule 30, 730, per kWh	-0.021¢
Schedule 41, 741, per kWh	-0.021¢
Schedule 45, 745, per kWh	-0.022¢
Schedule 47, 747, per kWh	-0.019¢
Schedule 48, 748, per kWh	-0.019¢
Schedule 50, per kWh	-0.015¢
Schedule 51, 751, per kWh	-0.015¢
Schedule 52, 752, per kWh	-0.015¢
Schedule 53, 753, per kWh	-0.015¢
Schedule 54, 754, per kWh	-0.015¢

(N)

This schedule will be terminated when base rates are reset in the Company's next general rate case.

DEER CREEK MINE UNDEPRECIATED INVESTMENT ADJUSTMENT

Page 1

Purpose

This schedule recovers undepreciated investment in the Deer Creek mine as authorized by Order No. 15-161 in Docket UM 1712.

Monthly Billing

All bills calculated in accordance with Schedules contained in presently effective Tariff Or. No.36 will have applied an amount equal to the product of all kWh multiplied by the following applicable rate as listed by Delivery Service schedule.

Delivery Service Schedule

Schedule 4, per kWh	0.045¢
Schedule 5, per kWh	0.045¢
Schedule 15, per kWh	0.030¢
Schedule 23, 723, per kWh	0.043¢
Schedule 28, 728, per kWh	0.044¢
Schedule 30, 730, per kWh	0.042¢
Schedule 41, 741, per kWh	0.043¢
Schedule 45, 745, per kWh	0.044¢
Schedule 47, 747, per kWh	0.038¢
Schedule 48, 748, per kWh	0.038¢
Schedule 50, per kWh	0.030¢
Schedule 51, 751, per kWh	0.030¢
Schedule 52, 752, per kWh	0.030¢
Schedule 53, 753, per kWh	0.030¢
Schedule 54, 754, per kWh	0.030¢

(N)

This schedule will terminate when ordered amounts have been fully amortized.

KLAMATH DAM REMOVAL SURCHARGES

Page 1

Purpose

To collect surcharges for funding costs of removing Klamath River dams pursuant to ORS 757.736 and to implement provisions of the Klamath Hydroelectric Settlement Agreement as amended on April 6, 2016.

Applicable

Pursuant to ORS 757.736, Subsection (2), the two surcharges contained in this Schedule are nonbypassable to customers and therefore shall be applicable to all bills for electric service calculated under all tariffs and contracts.

Monthly Billing

All bills calculated under all tariffs and contracts shall pay the applicable rates for each of the two surcharges below listed by Delivery Service Schedule. The J.C. Boyle Dam Surcharge shall be deposited in the Oregon Klamath Trust Account dedicated to the J.C. Boyle Dam located in Oregon. The Copco 1 and 2, Iron Gate Dams Surcharge shall be deposited in the Oregon Klamath Trust Account dedicated to the Copco 1 Dam, Copco 2 Dam and Iron Gate Dam located in California. Rates listed for each surcharge are in cents per kilowatt-hour and shall be applied to all kilowatt-hours of use.

	J.C. Boyle Dam	Copco 1 and 2, Iron Gate Dams	
Delivery Service Schedule	Surcharge	Surcharge	
Schedule 4, per kWh	0.038¢	0.118¢	
Schedule 5, per kWh	0.038¢	0.118¢	
Schedule 15, per kWh	0.065¢	0.176¢	
Schedule 23,723, per kWh	0.041¢	0.117¢	
Schedule 28,728, per kWh	0.038¢	0.114¢	
Schedule 30,730, per kWh	0.037¢	0.111¢	
Schedule 41, 741, per kWh	0.038¢	0.116¢	
Schedule 45,745, per kWh	0.038¢	0.114¢	(N)
Schedule 47,747, per kWh	0.031¢	0.094¢	
Schedule 48,748, per kWh	0.031¢	0.094¢	
Schedule 50, per kWh	0.056¢	0.153¢	
Schedule 51,751, per kWh	0.086¢	0.244¢	
Schedule 52,752, per kWh	0.056¢	0.149¢	
Schedule 53,753, per kWh	0.035¢	0.087¢	
Schedule 54,754, per kWh	0.044¢	0.117¢	

Terms and Conditions

The surcharges set forth in this Schedule are calculated based on a collection schedule that will fund, by December 31, 2019, Oregon's 92 percent share of the customer contribution of no more than \$200 million as set forth in ORS 757.736. The surcharge rates may be adjusted at a future date subject to a Commission determination. The Commission and the Company will monitor collections under this tariff to ensure that it does not collect in excess of Oregon's share of the \$200 million maximum customer contribution.

(continued)

BASE SUPPLY SERVICE
Available

In all territory served by the Company in the State of Oregon.

Applicable

To all Residential Consumers and Nonresidential Consumers. This service may be taken only in conjunction with the applicable Delivery Service Schedule or Direct Access Delivery Service Schedule. Not applicable to energy usage under Delivery Service Schedule 76 which is billed at Economic Replacement Power rates under Schedule 276 or energy usage under Delivery Service Schedule 47 which is billed at Unscheduled Energy rates under Schedule 247.

Monthly Billing

The Monthly Billing shall be the Energy Charge and/or Demand Charge, as specified below by Delivery Service Schedule.

<u>Delivery Service Schedule No.</u>		<u>Delivery Voltage</u>		
		Secondary	Primary	Transmission
4	Per kWh 0 – 1000 kWh	2.729¢		
	> 1000 kWh	3.726¢		
5	Per kWh 0 – 1000 kWh	2.729¢		
	> 1000 kWh	3.726¢		
For Schedules 4 and 5, the kilowatt-hour blocks listed above are based on an average month of approximately 30.42 days. Residential kilowatt-hour blocks shall be prorated to the nearest whole kilowatt-hour based upon the number of whole days in the billing period (see Rule 10 for details).				
23, 723	First 3,000 kWh, per kWh	3.138¢	3.050¢	
	All additional kWh, per kWh	2.329¢	2.263¢	
28, 728	First 20,000 kWh, per kWh	3.081¢	2.898¢	
	All additional kWh, per kWh	2.999¢	2.820¢	
30, 730	Demand Charge, per kW	\$1.75	\$1.75	
	First 20,000 kWh, per kWh	2.667¢	2.601¢	
	All additional kWh, per kWh	2.313¢	2.248¢	
Demand shall be as defined in the Delivery Service Schedule				
41, 741	Winter, first 100 kWh/kW, per kWh	4.316¢	4.194¢	
	Winter, all additional kWh, per kWh	2.942¢	2.859¢	
	Summer, all kWh, per kWh	2.942¢	2.859¢	
For Schedule 41, Winter is defined as service rendered from December 1 through March 31, Summer is defined as service rendered April 1 through November 30.				
45, 745	First 20,000 kWh, per kWh	3.081¢	2.898¢	(N)
	All additional kWh, per kWh	2.999¢	2.820¢	(N)

(continued)

**NET POWER COSTS
COST-BASED SUPPLY SERVICE**
Available

In all territory served by the Company in the State of Oregon.

Applicable

To Residential Consumers and Nonresidential Consumers who have elected to take Cost-Based Supply Service under this schedule or under Schedules 210, 211, 212, 213 or 247. This service may be taken only in conjunction with the applicable Delivery Service Schedule. Also applicable to Nonresidential Consumers who, based on the announcement date defined in OAR 860-038-275, do not elect to receive standard offer service under Schedule 220 or direct access service under the applicable tariff. In addition, applicable to some Large Nonresidential Consumers on Schedule 400 whose special contracts require prices under the Company's previously applicable Schedule 48T. For Consumers on Schedule 400 who were served on previously applicable Schedule 48T prices under their special contract, this service, in conjunction with Delivery Service Schedule 48, supersedes previous Schedule 48T.

Nonresidential Consumers who had chosen either service under Schedule 220 or who chose to receive direct access service under the applicable tariff may qualify to return to Cost-Based Supply Service under this Schedule after meeting the Returning Service Requirements and making a Returning Service Payment as specified in this Schedule.

Monthly Billing

The Monthly Billing shall be the Energy Charge, as specified below by Delivery Service Schedule.

Delivery Service Schedule No.

		<u>Secondary</u>	<u>Delivery Voltage</u>	<u>Transmission</u>
			Primary	

4	Per kWh	0-1000 kWh > 1000 kWh	2.729¢ 3.728¢	
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5	Per kWh	0-1000 kWh > 1000 kWh	2.729¢ 3.728¢	
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For Schedules 4 and 5, the kilowatt-hour blocks listed above are based on an average month of approximately 30.42 days. Residential kilowatt-hour blocks shall be prorated to the nearest whole kilowatt-hour based upon the number of whole days in the billing period (see Rule 10 for details).

23	First 3,000 kWh, per kWh All additional kWh, per kWh	3.023¢ 2.242¢	2.928¢ 2.172¢	
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28	First 20,000 kWh, per kWh All additional kWh, per kWh	2.956¢ 2.875¢	2.846¢ 2.770¢	
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30	First 20,000 kWh, per kWh All additional kWh, per kWh	3.160¢ 2.740¢	3.125¢ 2.701¢	
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41	Winter, first 100 kWh/kW, per kWh Winter, all additional kWh, per kWh Summer, all kWh, per kWh	4.221¢ 2.876¢ 2.876¢	4.086¢ 2.786¢ 2.786¢	
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For Schedule 41, Winter is defined as service rendered from December 1 through March 31, Summer is defined as service rendered April 1 through November 30.

45	First 20,000 kWh, per kWh All additional kWh, per kWh	2.956¢ 2.875¢	2.846¢ 2.770¢	(N) (N)
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**RENEWABLE ADJUSTMENT CLAUSE
 SUPPLY SERVICE ADJUSTMENT**
Purpose

This schedule recovers, between rate cases, the costs to construct or otherwise acquire facilities that generate electricity from renewable energy sources and for associated electricity transmission.

This adjustment is to recover the actual and forecasted revenue requirement associated with the prudently incurred costs of resources, including associated transmission, that are eligible under Senate Bill 838 (2007) and in service as of the date of the proposed rate change. The revenue requirement includes the actual return of and grossed up return on capital costs of the renewable energy source and associated transmission at the currently authorized rate of return, forecasted operation and maintenance costs, forecasted property taxes, forecasted energy tax credits, and other forecasted costs not captured in the Transition Adjustment Mechanism (TAM). The adjustment will also include an update on gross revenues, net revenues and total income tax expense for the calculation of "taxes authorized to be collected in rates" pursuant to OAR 860-022-0041. The revenue requirement for Oregon will be calculated using the forecasted inter-jurisdictional allocation factors based on the same 12-month period used in the TAM.

Applicable

To Residential consumers and Nonresidential consumers who take supply service under Schedule 201, 220, 230 and 247.

Energy Charge

The adjustment rate is listed below by Delivery Service Schedule.

<u>Schedule</u>	<u>Charge</u>
4	0.000 cents per kWh
5	0.000 cents per kWh
15	0.000 cents per kWh
23	0.000 cents per kWh
28	0.000 cents per kWh
30	0.000 cents per kWh
41	0.000 cents per kWh
45	0.000 cents per kWh
47	0.000 cents per kWh
48	0.000 cents per kWh
50	0.000 cents per kWh
51	0.000 cents per kWh
52	0.000 cents per kWh
53	0.000 cents per kWh
54	0.000 cents per kWh

(N)

(continued)

**RENEWABLE RESOURCE DEFERRAL
SUPPLY SERVICE ADJUSTMENT****Purpose**

This schedule recovers the costs deferred for renewable resources as authorized by the Commission.

Applicable

To Residential consumers and Nonresidential consumers who take supply service under Schedule 201, 220, 230 and 247.

Energy Charge

The adjustment rate is listed below by Delivery Service Schedule.

<u>Schedule</u>	<u>Charge</u>
4	0.000 cents per kWh
5	0.000 cents per kWh
15	0.000 cents per kWh
23	0.000 cents per kWh
28	0.000 cents per kWh
30	0.000 cents per kWh
41	0.000 cents per kWh
45	0.000 cents per kWh
47	0.000 cents per kWh
48	0.000 cents per kWh
50	0.000 cents per kWh
51	0.000 cents per kWh
52	0.000 cents per kWh
53	0.000 cents per kWh
54	0.000 cents per kWh

(N)

This schedule will terminate at such time as the renewable resource deferred balances have been fully collected.

**OREGON SOLAR INCENTIVE PROGRAM DEFERRAL
SUPPLY SERVICE ADJUSTMENT****Purpose**

This schedule recovers the costs deferred for the Oregon Solar Incentive Program as authorized in Docket UM 1483.

Applicable

To all Residential consumers and Nonresidential consumers.

Energy Charge

The adjustment rate is listed below by Delivery Service Schedule.

<u>Delivery Service Schedule</u>	<u>Charge</u>
4	0.035 cents per kWh
5	0.035 cents per kWh
15	0.024 cents per kWh
23, 723	0.033 cents per kWh
28, 728	0.034 cents per kWh
30, 730	0.032 cents per kWh
41, 741	0.033 cents per kWh
45, 745	0.034 cents per kWh
47, 747	0.030 cents per kWh
48, 748	0.030 cents per kWh
50	0.021 cents per kWh
51, 751	0.034 cents per kWh
52, 752	0.025 cents per kWh
53, 753	0.011 cents per kWh
54, 754	0.019 cents per kWh

(N)

TAM ADJUSTMENT FOR OTHER REVENUES

Page 1

Purpose

This schedule adjusts rates for Other Revenues as authorized by Order No. 10-363.

Applicable

To all Residential Consumers and Nonresidential Consumers.

Energy Charge

The adjustment rate is listed below by Delivery Service Schedule and Direct Access Delivery Service Schedule.

	<u>Delivery Service Schedule No.</u>		<u>Delivery Voltage</u>		
			Secondary	Primary	Transmission
4	Per kWh	0-1000 kWh	0.013¢		
		> 1000 kWh	0.017¢		
5	Per kWh	0-1000 kWh	0.013¢		
		> 1000 kWh	0.017¢		
For Schedules 4 and 5, the kilowatt-hour blocks listed above are based on an average month of approximately 30.42 days. Residential kilowatt-hour blocks shall be prorated to the nearest whole kilowatt-hour based upon the number of whole days in the billing period (see Rule 10 for details).					
23, 723	First 3,000 kWh, per kWh		0.014¢	0.014¢	
	All additional kWh, per kWh		0.011¢	0.010¢	
28, 728	First 20,000 kWh, per kWh		0.014¢	0.014¢	
	All additional kWh, per kWh		0.013¢	0.013¢	
30, 730	First 20,000 kWh, per kWh		0.015¢	0.014¢	
	All additional kWh, per kWh		0.013¢	0.013¢	
41, 741	Winter, first 100 kWh/kW, per kWh		0.020¢	0.019¢	
	Winter, all additional kWh, per kWh		0.014¢	0.013¢	
	Summer, all kWh, per kWh		0.014¢	0.013¢	
For Schedule 41, Winter is defined as service rendered from December 1 through March 31, Summer is defined as service rendered April 1 through November 30.					
45, 745	First 20,000 kWh, per kWh		0.014¢	0.014¢	(N)
	All additional kWh, per kWh		0.013¢	0.013¢	(N)

(continued)

POWER COST ADJUSTMENT MECHANISM - ADJUSTMENT
Purpose

This schedule implements the Company's annual Power Cost Adjustment Mechanism adjustment consistent with Order No. 12-493.

Applicable

To all Residential Consumers and Nonresidential Consumers except Nonresidential Consumers who took service under Standard Offer Supply Service Schedule 220 or who were served under a Direct Access Delivery Service Schedule during the accrual period of this Power Cost Adjustment Mechanism adjustment.

Monthly Billing

The adjustment shall be calculated as an amount equal to the product of all kWh multiplied by the following applicable rate as listed by Delivery Service Schedule.

Delivery Service Schedule	Secondary	Primary	Transmission	
Schedule 4, per kWh	0.000¢			
Schedule 15, per kWh	0.000¢			
Schedule 23, 723, per kWh	0.000¢	0.000¢		
Schedule 28, 728, per kWh	0.000¢	0.000¢		
Schedule 30, 730, per kWh	0.000¢	0.000¢		
Schedule 41, 741, per kWh	0.000¢	0.000¢		
Schedule 45, 745, per kWh	0.000¢	0.000¢		(N)
Schedule 47, 747, per kWh	0.000¢	0.000¢	0.000¢	
Schedule 48, 748, per kWh	0.000¢	0.000¢	0.000¢	
Schedule 50, per kWh	0.000¢			
Schedule 51, 751, per kWh	0.000¢			
Schedule 52, 752, per kWh	0.000¢			
Schedule 53, 753, per kWh	0.000¢			
Schedule 54, 754, per kWh	0.000¢			

EMERGENCY SUPPLY SERVICE

Available

In all territory served by the Company in the State of Oregon

Applicable

To Nonresidential Consumers. Service commences upon the Company becoming aware that the Nonresidential Consumer's ESS is no longer providing service. Delivery Service shall be billed under the Consumer's applicable rate schedule from the following: Schedule 23, 28, 30, 41, 45, 47, 48, 51, 52, 53, 54. The Consumer must move off of this service within five business days of commencing service under this Schedule.

(N)

Energy Charge

The Energy Charge shall be based on the Energy Charge Daily Rate as described below. The Energy Charge Daily Rate is the Platts Mid-Columbia Daily Electricity Firm Price Index (Platts-Mid-C Index) plus the Emergency Default Risk Premium plus the adjustment for losses. If prices are not reported for a particular day or days, the average of the immediately preceding and following reported days' on-peak and off-peak prices shall be used to determine the price for the non-reported period.

On-peak and off-peak hours shall be defined as reported by Platts for the Mid-Columbia Index. Currently, on-peak hours are between 6:00 a.m. and 10:00 p.m. Monday through Saturday excluding NERC holidays. Off-peak hours are all remaining hours.

Due to the expansions of Daylight Saving Time (DST) as adopted under Section 110 of the U.S. Energy Policy Act of 2005, the time periods shown 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. At such time as updated DST programming is available and has been applied to a Consumer meter, the time periods shown above will apply on all days for that Consumer. Consumers will be notified of their change to updated DST programming in a timely manner.

The Emergency Default Risk Premium shall be 25 percent of the Platts-Mid-C Index.

The loss adjustment shall be included by multiplying the Energy Charge Daily Rate by the following adjustment factors:

Transmission Delivery Voltage	1.04527
Primary Delivery Voltage	1.06904
Secondary Delivery Voltage	1.10006

In addition to this energy charge, all customers purchasing this service are required to pay for ancillary services at the rates determined by the appropriate pro forma transmission tariffs.

TRANSITION ADJUSTMENT

One-Year Option - Transition Adjustments (cents/kWh)

	23/723 Secondary		23/723 Primary		28/728 Secondary 45/745 Secondary		28/728 Primary 45/745 Primary		30/730 Secondary	
	HLH	LLH	HLH	LLH	HLH	LLH	HLH	LLH	HLH	LLH
Jan-16	-0.151	0.368	-0.351	0.146	-0.069	0.435	-0.095	0.339	-0.203	0.297
Feb-16	0.202	0.539	1.311	0.375	0.292	0.594	1.106	0.475	0.126	0.453
Mar-16	0.400	0.490	0.299	0.329	0.464	0.559	0.327	0.381	0.365	0.421
Apr-16	0.708	0.569	0.545	0.408	0.733	0.647	0.591	0.468	0.626	0.522
May-16	0.545	0.530	0.393	0.329	0.594	0.589	0.652	0.485	0.487	0.463
Jun-16	0.169	0.980	-0.044	0.809	0.278	1.056	0.251	0.871	0.128	0.915
Jul-16	0.183	-0.730	-0.442	-0.719	0.256	-0.747	-0.273	-1.551	0.121	-0.767
Aug-16	-0.600	-0.022	-0.668	-0.137	-0.474	0.027	-0.580	-0.173	-0.624	-0.083
Sep-16	0.645	0.290	0.088	0.123	0.529	0.371	-0.213	0.213	0.453	0.239
Oct-16	0.615	0.251	0.221	0.109	0.519	0.323	0.576	0.183	0.394	0.196
Nov-16	-0.341	0.103	-0.615	-0.026	-0.299	0.167	-0.423	0.064	-0.384	0.065
Dec-16	-0.075	0.215	-0.372	0.352	0.042	0.411	-0.132	0.195	-0.135	0.300

(N)

	30/730 Primary		41/741 Secondary		41/741 Primary		47/747,48/748 Secondary		47/747,48/748 Primary	
	HLH	LLH	HLH	LLH	HLH	LLH	HLH	LLH	HLH	LLH
Jan-16	-0.197	0.253					-0.237	0.235	-0.444	0.066
Feb-16	0.165	0.468					0.142	0.454	-0.080	0.250
Mar-16	0.332	0.366					0.321	0.349	0.131	0.173
Apr-16	0.555	0.465	0.252	0.704	0.252	0.704	0.681	0.467	0.391	0.274
May-16	0.681	0.390	0.559	0.667	0.559	0.667	0.421	0.516	0.205	0.281
Jun-16	0.061	0.863	0.206	0.985	0.206	0.985	0.218	0.918	-0.092	0.706
Jul-16	0.126	-0.981	-0.378	-0.198	-0.378	-0.198	-0.415	-0.411	-0.129	-0.885
Aug-16	-0.665	-0.154	-0.953	0.021	-0.953	0.021	-0.745	-0.054	-0.838	-0.284
Sep-16	0.377	0.192	0.417	0.247	0.417	0.247	0.439	0.203	0.227	-0.001
Oct-16	0.375	0.147	0.721	0.196	0.721	0.196	0.824	0.139	0.223	-0.041
Nov-16	-0.498	-0.025					-0.587	0.062	-0.718	-0.187
Dec-16	-0.216	0.174					-0.093	0.658	-0.376	0.071

	47/747,48/748 Transmission		51/751		52/752		53/753		54/754	
	HLH	LLH	HLH	LLH	HLH	LLH	HLH	LLH	HLH	LLH
Jan-16	-0.511	0.037	0.009	0.479	-0.703	-0.232	-2.032	-1.561	-1.492	-0.845
Feb-16	-0.149	0.146	0.299	0.638	-0.412	-0.074	-1.741	-1.403	-1.063	-0.687
Mar-16	0.061	0.083	0.534	0.609	-0.178	-0.103	-1.506	-1.431	-0.536	-0.715
Apr-16	0.302	0.205	0.802	0.689	0.090	-0.022	-1.238	-1.351	-0.655	-0.635
May-16	0.203	0.204	0.700	0.693	-0.012	-0.019	-1.340	-1.348	-0.554	-0.631
Jun-16	-0.214	0.640	0.242	1.141	-0.470	0.430	-1.799	-0.899	-1.330	-0.183
Jul-16	-0.151	-1.020	0.299	-0.521	-0.413	-1.232	-1.741	-2.561	-2.146	-1.845
Aug-16	-0.952	-0.325	-0.492	0.157	-1.203	-0.554	-2.532	-1.883	-2.002	-1.167
Sep-16	0.216	-0.084	0.721	0.401	0.010	-0.311	-1.319	-1.639	-1.477	-0.923
Oct-16	0.151	-0.116	0.668	0.367	-0.043	-0.344	-1.372	-1.673	-1.361	-0.957
Nov-16	-0.708	-0.227	-0.280	0.253	-0.991	-0.458	-2.320	-1.787	-0.768	-1.071
Dec-16	-0.515	-0.066	-0.035	0.433	-0.746	-0.278	-2.075	-1.607	-0.359	-0.891

ENERGY CONSERVATION CHARGE

Page 2

Energy Conservation Charge

The applicable adjustment rates are listed below by Delivery Service Schedule.

<u>Schedule</u>	<u>Adjustment Rate</u>
4	0.333 cents per kWh
5	0.333 cents per kWh
15	0.439 cents per kWh
23, 723	0.328 cents per kWh
28, 728	0.266 cents per kWh
30, 730	0.235 cents per kWh
41, 741	0.317 cents per kWh
45, 745	0.266 cents per kWh
47, 747	0.197 cents per kWh
48, 748	0.197 cents per kWh
50	0.384 cents per kWh
51, 751	0.610 cents per kWh
52, 752	0.438 cents per kWh
53, 753	0.217 cents per kWh
54, 754	0.285 cents per kWh

(N)

RATE MITIGATION ADJUSTMENT

All bills calculated in accordance with Schedules contained in presently effective Tariff Or. No. 36 shall have applied an amount equal to the product of all metered kilowatt-hours multiplied by the following cents per kilowatt hour.

	Secondary	Primary	Transmission	
Schedule 4	0.058¢			
Schedule 5	0.058¢			
Schedule 15	2.365¢			
Schedule 23, 723	0.416¢	0.416¢		
Schedule 28, 728	0.113¢	0.113¢		
Schedule 30, 730	0.039¢	0.039¢		
Schedule 41, 741	(0.595¢)	(0.595¢)		
Schedule 45, 745	0.113¢	0.113¢		(N)
Schedule 47, 747	(0.267¢)	(0.334¢)	(0.413¢)	
Schedule 48, 748	(0.267¢)	(0.334¢)	(0.413¢)	
Schedule 50	2.183¢			
Schedule 51, 751	3.609¢			
Schedule 52, 752	2.240¢			
Schedule 53, 753	1.230¢			
Schedule 54, 754	1.590¢			

**PUBLIC DC FAST CHARGER OPTIONAL TRANSITIONAL RATE
 DIRECT ACCESS DELIVERY SERVICE**
Available

In all territory served by the Company in the State of Oregon.

Applicable

To Nonresidential Consumers who have chosen to receive electricity from an ESS for electric vehicle charging stations separately metered from other electric service, and whose loads have not registered 1,000 kW or more, more than once in the preceding 18-month period and who are not otherwise subject to service on Schedules 747 or 748. Consumer charging sites must be broadly available to the general public and must include at least one direct current (DC) fast charger as defined in the special conditions below. Deliveries at more than one point, or more than one voltage and phase classification, will be separately metered and billed.

Monthly Billing

The Monthly Billing shall be the sum of the Distribution Charge plus the applicable rate in Schedule 80 and applicable adjustments as specified in Schedule 90.

All Delivery Voltages
Distribution Charge
Basic Charge

Load Size ≤50 kW, per month	\$ 18.00
Load Size 51-100 kW, per month	\$ 34.00
Load Size 101 - 300 kW, per month	\$ 81.00
Load Size > 300 kW, per month	\$115.00

Load Size Charge

≤50 kW, per kW Load Size	\$ 1.15
51 - 100 kW, per kW Load Size	\$ 0.90
101 – 300 kW, per kW Load Size	\$ 0.55
> 300 kW, per kW Load Size	\$ 0.35

On-Peak Energy Charge, per On-Peak kWh	7.297¢
Distribution Energy Charge, per kWh	0.393¢
Reactive Power Charge, per kvar	\$ 0.65

System Usage Charge

Schedule 200 Related, per kWh	0.075¢
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kW Load Size:

For determination of the Basic Charge and the Load Size Charge, the kW load size shall be the average of the two greatest non-zero monthly demands established during the 12-month period which includes and ends with the current billing month.

(continued)

(N)

(N)

**PUBLIC DC FAST CHARGER OPTIONAL TRANSITIONAL RATE
DIRECT ACCESS DELIVERY SERVICE**

On-Peak Period

The kWh shown by or computed from the readings of the Company's energy meter during on-peak hours. The on-peak period is

Winter: Monday through Friday 6:00 a.m. to 10:00 a.m. and 5:00 p.m. to 8:00 p.m.

Summer: Monday through Friday 4:00 p.m. to 8:00 p.m.

Due to the expansions of Daylight Saving Time (DST) as adopted under Section 110 of the U.S. Energy Policy Act of 2005, the time periods shown 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. At such time as updated DST programming is available and has been applied to a Consumer meter, the time periods shown above will apply on all days for that Consumer. Consumers will be notified of their change to updated DST programming in a timely manner.

Off-Peak Period

All non On-Peak Period plus the following holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

Seasonal Definition

Winter months are defined as November 1 through March 31. Summer months are defined as April 1 through October 31.

Minimum Charge

The minimum monthly charge shall be the Basic Charge and the Load Size Charge plus the demand charge. A higher minimum may be required under contract to cover special conditions.

Reactive Power Charge

The maximum 15-minute reactive demand for the month in kilovolt-amperes in excess of 40% of the measured kilowatt demand for the same month.

Demand

The kW shown by or computed from the readings of the Company's demand meter for the 15-minute period of the Consumer's greatest use during the month, determined to the nearest kW.

Metering Adjustment

For a Consumer receiving service at secondary delivery voltage where metering is at primary delivery shall have all billing quantities multiplied by an adjustment factor of 0.9718.

For a Consumer receiving service at primary delivery voltage where metering is at secondary delivery voltage shall have all billing quantities multiplied by an adjustment factor of 1.0290.

Base Supply Service

All Consumers taking Delivery Service under this schedule shall pay the applicable rates in Schedule 200, Base Supply Service.

Transmission & Ancillary Services

Consumers taking service under the schedule must also take service under the Company's FERC Open Access Transmission Tariff (OATT) or be served by an ESS or Scheduling ESS.

(continued)

(N)

(N)

**PUBLIC DC FAST CHARGER OPTIONAL TRANSITIONAL RATE
DIRECT ACCESS DELIVERY SERVICE**

Franchise Fees

Franchise fees related to Schedule 200, Base Supply Service, are collected through the System Usage Charge - Schedule 200 Related rate. Franchise fees related to distribution charges are collected through distribution charges.

Special Conditions

1. At the option of the Consumer, service may be provided under the otherwise applicable General Service Schedule.
2. The Consumer shall not resell electric service received from the Company under provisions of this Schedule to any person, except by permission of the Company or as otherwise expressly provided in Company tariffs. The sale of electricity for fuel to a motor vehicle is expressly allowed as described in rule 2.E of this tariff.
3. A DC Fast Charger is defined for the purposes of eligibility on this rate schedule as a charging station with a Direct Current (DC) connection that has been designed to recharge the battery of an electric vehicle.
4. An electric vehicle charging site is considered to be broadly available to the general public for the purposes of eligibility on this rate schedule if it is available for use by any driver and is capable of charging more than one make of automobile. Eligibility and acceptance of a customer for service under this rate schedule is subject to review and approval by the Company.
5. The company reserves the right to terminate service under this schedule if it finds that excessive fees imposed by the charging station owner result in the charging station not being broadly available, per the requirements of this schedule.

Continuing Service

Except as specifically provided otherwise, the rates of this tariff are based on continuing service at each service location. Disconnect and reconnect transactions shall not operate to relieve a seasonal Consumer from minimum monthly charges.

Term of Contract

The Company may require the Consumer to sign a written contract which shall have a term of not less than one year.

Term of Schedule

This transitional rate schedule will be limited to a ten year period from the initial effective date.

Rules and Regulations

Service under this Schedule is subject to the General Rules and Regulations contained in the tariff of which this Schedule is a part and to those prescribed by regulatory authorities.

(N)

(N)

Exhibit A

Exhibit B

Pacific Power
 Exhibit B
 Oregon Charging Station Transitional Rate Calculation
 (Based on Schedule 28 Average Customer Usage Profile)

	(A)	(B)	(C) (A) * (B)
	<u>CURRENT</u> SCH. 28 RATES ¹	ANNUAL BILLING DETERMINANTS	ANNUAL BILL CALCULATION
Basic Charge			
Load Size <= 50 kW	\$18.00	- bills	\$0.00
Load Size 51-100 kW	\$34.00	12 bills	\$408.00
Load Size 101-300 kW	\$81.00	- bills	\$0.00
Load Size > 300 kW	\$115.00	- bills	\$0.00
Load Size Charge			
Load Size <= 50 kW	\$1.15	- kW Load Size	\$0.00
Load Size 51-100 kW	\$0.90	646 kW Load Size	\$581.12
Load Size 101-300 kW	\$0.55	- kW Load Size	\$0.00
Load Size > 300 kW	\$0.35	- kW Load Size	\$0.00
Distribution Demand Charge	\$3.88	614 kW Demand	\$2,383.04
T&A Services Demand Charge	\$1.49	614 kW Demand	\$915.13
Sch. 80 Demand Charge	\$0.34	614 kW Demand	\$208.82
Energy Charge, including adders			
1st 20,000 kWh	6.825 ¢	186,012 kWh	\$12,695.34
All Additional kWh	6.661 ¢	- kWh	\$0.00
Reactive Power	\$0.65	- kVar	\$0.00
TOTAL ANNUAL COST			\$17,191.45

¹Current Rates are effective July 1, 2016 and exclude pass-through adjustments.

	(C)	(D)	(E) (C) * (D)
	<u>PROPOSED</u> SCH. 45 TRANSITIONAL RATES	ANNUAL BILLING DETERMINANTS	ANNUAL BILL CALCULATION
Basic Charge			
Load Size <= 50 kW	\$18.00	- bills	\$0.00
Load Size 51-100 kW	\$34.00	12 bills	\$408.00
Load Size 101-300 kW	\$81.00	- bills	\$0.00
Load Size > 300 kW	\$115.00	- bills	\$0.00
Load Size Charge			
Load Size <= 50 kW	\$1.15	- kW Load Size	\$0.00
Load Size 51-100 kW	\$0.90	646 kW Load Size	\$581.12
Load Size 101-300 kW	\$0.55	- kW Load Size	\$0.00
Load Size > 300 kW	\$0.35	- kW Load Size	\$0.00
Distribution On-Peak Energy Charge	7.297 ¢	32,659 On-Peak kWh	\$2,383.12
T&A Services On-Peak Energy Charge	2.802 ¢	32,659 On-Peak kWh	\$915.10
Sch. 80 On-Peak Energy Charge	0.639 ¢	32,659 On-Peak kWh	\$208.69
Energy Charge, including adders			
1st 20,000 kWh (¢/kWh)	6.825 ¢	186,012 kWh	\$12,695.34
All Additional kWh (¢/kWh)	6.661 ¢	- kWh	\$0.00
Reactive Power	\$0.65	- kVar	\$0.00
TOTAL ANNUAL COST			\$17,191.37

Exhibit C

Pacific Power
Exhibit C
Monthly Billing Comparison for an Electric Vehicle DC Fast Charger
Using Present and Proposed¹ Prices

Billing Assumptions		
	kW	50
	Load Factor	2%
	kWh	730
	On-Peak	15%

Present Price (Sch 28 Secondary)			Proposed TR Price (Sch 45)		
Basic		LS Chg	Basic		LS Chg
Bill <51 kW	\$18.00	\$1.15 /kW	Bill <51 kW	\$18.00	\$1.15 /kW
Bill 51-100 kW	\$34.00	\$0.90 /kW	Bill 51-100 kW	\$34.00	\$0.90 /kW
Bill 101-300 kW	\$81.00	\$0.55 /kW	Bill 101-300 kW	\$81.00	\$0.55 /kW
Bill >300 kW	\$115.00	\$0.35 /kW	Bill >300 kW	\$115.00	\$0.35 /kW
Demand	\$5.71 /kW		Reactive Power	\$0.65 /kVar	
Reactive Power	\$0.65 /kVar				
Net Energy			Net Energy		
1st 20,000 kWh	6.825 ¢/kWh		1st 20,000 kWh	6.825 ¢/kWh	
All Additional kWh	6.661 ¢/kWh		All Additional kWh	6.661 ¢/kWh	
			Sch 45 On-Peak Charge	10.738 ¢/kWh on-peak	
Pass-Through Adjustments			Pass-Through Adjustments		
Sch. 290 - Public Purpose Charge	3% of bill		Sch. 290 - Public Purpose Charge	3% of bill	
Sch. 297 - Energy Conservation Charge	0.266 ¢/kWh		Sch. 297 - Energy Conservation Charge	0.266 ¢/kWh	
Sch. 199 - Klamath Dam Removal Surcharges	0.152 ¢/kWh		Sch. 199 - Klamath Dam Removal Surcharges	0.152 ¢/kWh	
Sch. 91 - Low Income Surcharge	0.050 ¢/kWh		Sch. 91 - Low Income Surcharge	0.050 ¢/kWh	

Present Schedule 28 Secondary Price \$427

Proposed Schedule 45 Price \$145

¹Assumptions & Notes:
50 kW & 730 kWh (2% Load Factor)
15% On-Peak Usage
Calculations assume Cost-Based Supply Service
All rates effective July 1, 2016

CERTIFICATE OF SERVICE

I certify that I served a true and correct copy of PacifiCorp's proposed tariff sheets on the parties listed below via electronic mail as a courtesy to interested parties.

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Dated this 27th of December, 2016.



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