



e-FILING REPORT COVER SHEET

COMPANY NAME: PacifiCorp d/b/a Pacific Power

DOES REPORT CONTAIN CONFIDENTIAL INFORMATION? No Yes If yes, submit a redacted public version (or a cover letter) by email. Submit the confidential information as directed in OAR 860-001-0070 or the terms of an applicable protective order.

Select report type: RE (Electric) RG (Gas) RW (Water) RT (Telecommunications)
 RO (Other, for example, industry safety information)

Did you previously file a similar report? No Yes, report docket number: UE 328

Report is required by: OAR

Statute

Order Order No. 17-172

Note: A one-time submission required by an order is a compliance filing and not a report (file compliance in the applicable docket)

Other

(For example, federal regulations, or requested by Staff)

Is this report associated with a specific docket/case? No Yes, docket number: UE 328

List Key Words for this report. We use these to improve search results.

Schedule 45

Send the completed Cover Sheet and the Report in an email addressed to PUC.FilingCenter@state.or.us

Send confidential information, voluminous reports, or energy utility Results of Operations Reports to PUC Filing Center, PO Box 1088, Salem, OR 97308-1088 or by delivery service to 201 High Street SE Suite 100, Salem, OR 97301.

November 20, 2020

VIA ELECTRONIC FILINGPublic Utility Commission of Oregon
Attn: Filing Center
201 High Street SE, Suite 100
Salem, OR 97301-3398**RE: RE 180/UE 328/Advice No. 16-020—Compliance Filing—Triennial Program Report****Purpose**

In compliance with Order No. 17-172, the purpose of this filing is to provide the third annual report on PacifiCorp d/b/a Pacific Power's (PacifiCorp or the Company) Schedule 45 Public DC Fast Charger Optional Transitional Rate Delivery Service (Schedule 45), which became effective June 1, 2017, with the approval of Advice No. 16-020 by the Public Utility Commission of Oregon (Commission).¹ PacifiCorp filed Advice No. 16-020 on December 27, 2016, which was supplemented on April 14, 2017 (Supplemental Filing). In its Supplemental Filing, PacifiCorp committed to file both annual and triennial reports on the effects of Schedule 45 throughout the time it remains in effect.

Background

In response to Senate Bill 1547, which passed in March of 2016, PacifiCorp filed applications for new programs and rates to accelerate transportation electrification in Advice No. 16-020. In advance of filing these applications, the Company held a series of public stakeholder workshops, during which various parties indicated that, at current utilization levels, demand charges are a significant impediment to maintaining and expanding a network of public electric vehicle direct current (DC) fast charging stations. As a result of these meetings, as well as PacifiCorp's own analysis, it became apparent that, while it may not often be economic for customers to install DC fast chargers at the frequency they are currently utilized, the availability of a dependable network of publicly available DC fast chargers that can quickly recharge electric vehicle batteries is critical to the acceleration of transportation electrification. PacifiCorp addressed these concerns in its initial filing in Advice No. 16-020, which proposed replacing demand charges with on-peak energy charges for separately-metered, publicly-available DC fast chargers. After discussions with Commission staff, PacifiCorp's Supplemental Filing included a proposal for both annual and triennial reporting on Schedule 45, a cap of 200 program participants, and an explicit glide-path for Schedule 45 customers back to Schedule 28 over a period of nine years. This proposal was ultimately approved by the Commission, and Schedule 45 became effective June 1, 2017.

¹ *In the Matter of PacifiCorp dba Pacific Power, Advice 16-020 (ADV 485), Schedule 45 and 745 Public DC Fast Charger Delivery Service Optional Transitional Rate, Docket No. UE 328, Order No. 17-172 (May 16, 2017).*

Rate Design

Customers on Schedule 45 pay all applicable rates under Schedule 28, plus a 10.738 cents per kilowatt-hour on-peak energy adder that is designed to collect the same amount of revenue as the Schedule 28 demand charges.² While the customer pays both the demand charges and the on-peak energy adder, the schedule includes complementary percentage discounts that prevent the customer from ever paying the full amount of either charge. These percentage discounts are scheduled to change each May 15th in a way that increases the demand charges and decreases the on-peak energy adder by 10 percent. Continuing this glide-path, rates will return to standard Schedule 28 rates after nine years.

Report Requirements

The Supplemental Filing proposed both annual and triennial reports as detailed below:

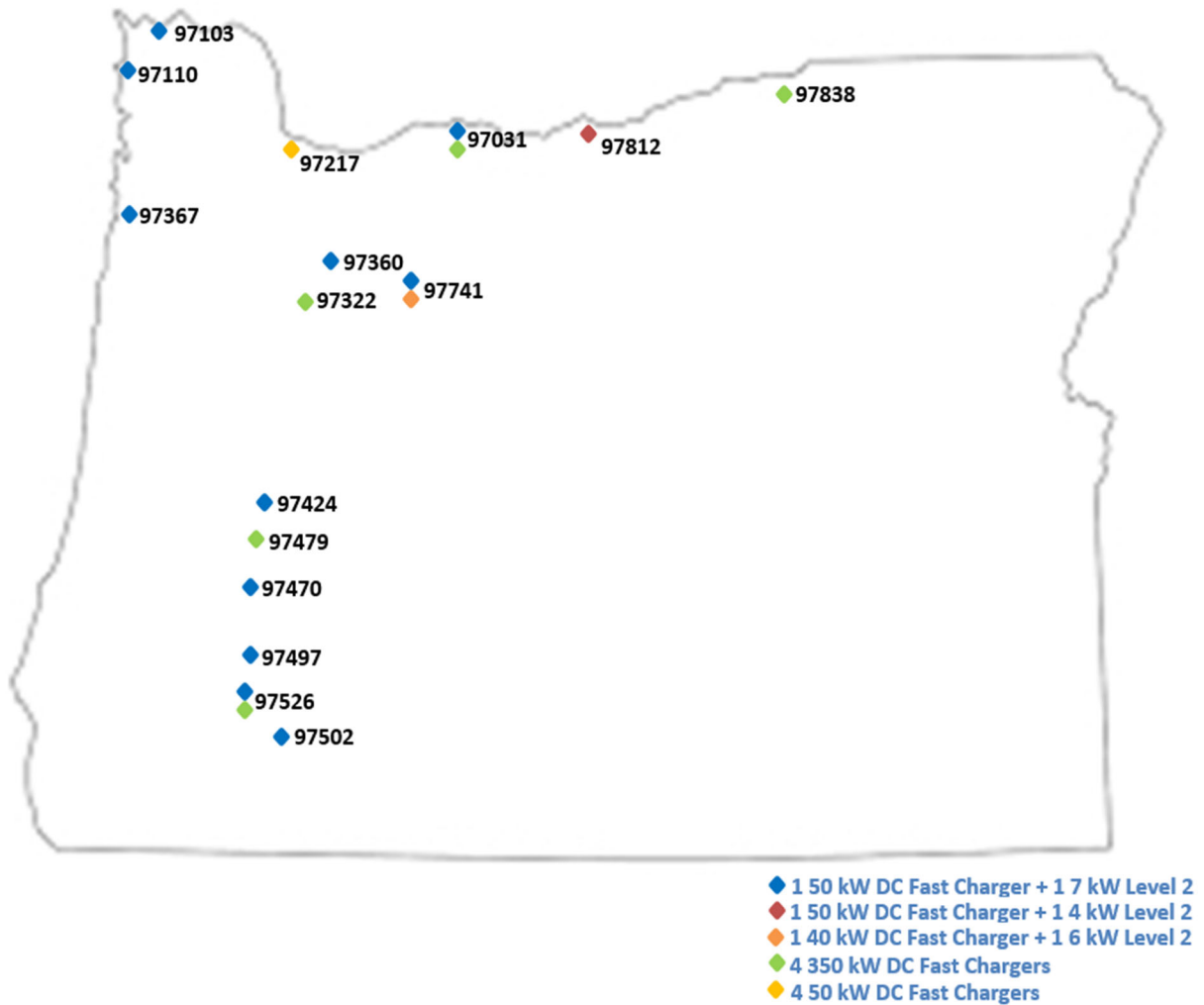
- Information provided annually:
 - The monthly number of customers, including the number of DC fast chargers participating in the tariff. The monthly energy on the tariff.
 - An analysis that compares these customers' monthly bills with what they would have been on standard rates.
 - The location by ZIP Code of installed chargers plus known information on the size and capacity of chargers.
- Information provided triennially:
 - Lessons learned from the program, including any anecdotal feedback from customers or from plug-in electric vehicle (PEV) drivers who use the participating DC fast chargers. Information, if available, on the rates charged to drivers and if those rates vary by time period.
 - Recommendations for changes to the schedule, if needed. A request for continuance of offering, if needed.

PacifiCorp's response to both the annual and triennial reporting requirements detailed above follows.

² To maintain an on-peak period consistent with what is currently offered to residential and small non-residential consumers, the Company uses the on-peak time period currently effective for Schedule 210, Portfolio Time-of-Use Supply Service. This is defined as 4:00 p.m. to 8:00 p.m. in summer; 6:00 a.m. to 10:00 a.m. and 5:00 p.m. to 8:00 p.m. in winter (except weekends and holidays).

Participation and Bill Comparisons

The ZIP Codes of the nineteen sites currently participating in Schedule 45 are shown in their approximate locations below, along with known information on the size and capacity of the chargers at the sites.



The table below details the total monthly Schedule 45 energy usage and demand, and the program savings by month.

Schedule 45 Participation, Usage and Savings Summary												
A	B	C	D	E	F	G	H	I	J	K	L	M
				=D/B		=F/B	=F/D*730			=I-J	=K/B	=K/I
Month-Year	Sites (monthly bills)	On-Peak kWh	Total kWh	Total kWh per bill	15-Minute Peak kW Demand	15-Minute Peak kW Demand per bill	Load Factor	Standard Rate Bill Totals	Schedule 45 Bill Totals	Total Customer Savings	Average Customer Savings	Percentage Savings
Jun-17	-	-	-	-	-	-	0.0%	\$0	\$0	\$0	\$0	0%
Jul-17	1	35	266	266	28	28	1.3%	\$84	\$62	\$21	\$21	26%
Aug-17	1	116	684	684	28	28	3.3%	\$171	\$132	\$39	\$39	23%
Sep-17	1	45	188	188	28	28	0.9%	\$117	\$87	\$30	\$30	26%
Oct-17	2	80	451	226	56	28	1.1%	\$306	\$224	\$82	\$41	27%
Nov-17	10	980	5,375	538	495	50	1.5%	\$3,607	\$1,536	\$2,071	\$207	57%
Dec-17	12	1,953	8,017	668	515	43	2.1%	\$4,673	\$2,130	\$2,543	\$212	54%
Jan-18	12	1,600	7,888	657	497	41	2.2%	\$4,527	\$2,052	\$2,475	\$206	55%
Feb-18	12	1,804	7,297	608	534	45	1.9%	\$4,675	\$2,125	\$2,550	\$212	55%
Mar-18	12	1,697	8,049	671	535	45	2.1%	\$4,742	\$2,176	\$2,566	\$214	54%
Apr-18	12	1,263	7,035	586	542	45	1.8%	\$4,708	\$1,982	\$2,725	\$227	58%
May-18	12	866	6,903	575	572	48	1.7%	\$4,763	\$1,992	\$2,771	\$231	58%
Jun-18	12	1,048	8,073	673	588	49	1.9%	\$4,946	\$2,362	\$2,584	\$215	52%
Jul-18	12	1,212	8,782	732	566	47	2.1%	\$5,023	\$2,467	\$2,556	\$213	51%
Aug-18	12	1,304	9,389	782	560	47	2.3%	\$5,072	\$2,501	\$2,571	\$214	51%
Sep-18	12	1,340	8,474	706	542	45	2.1%	\$4,748	\$2,351	\$2,397	\$200	50%
Oct-18	12	1,187	8,228	686	500	42	2.3%	\$4,586	\$2,321	\$2,265	\$189	49%
Nov-18	12	1,457	8,540	712	548	46	2.1%	\$4,834	\$2,411	\$2,423	\$202	50%
Dec-18	12	1,887	8,280	690	553	46	2.1%	\$4,855	\$2,446	\$2,409	\$201	50%
Jan-19	12	1,843	7,975	665	492	41	2.2%	\$4,521	\$2,358	\$2,163	\$180	48%
Feb-19	12	1,885	7,944	662	543	45	2.0%	\$4,701	\$2,391	\$2,310	\$193	49%
Mar-19	12	1,866	7,386	616	551	46	1.8%	\$4,662	\$2,338	\$2,324	\$194	50%
Apr-19	12	1,336	7,827	652	541	45	2.0%	\$4,641	\$2,316	\$2,325	\$194	50%
May-19	13	1,067	8,369	644	711	55	1.6%	\$5,283	\$2,621	\$2,662	\$205	50%
Jun-19	16	2,167	15,722	983	1,049	66	2.1%	\$8,494	\$4,593	\$3,900	\$244	46%
Jul-19	17	2,853	19,363	1,139	1,184	70	2.2%	\$9,823	\$5,407	\$4,417	\$260	45%
Aug-19	18	4,266	23,329	1,296	1,330	74	2.4%	\$11,379	\$6,307	\$5,071	\$282	45%
Sep-19	18	4,707	22,896	1,272	1,469	82	2.1%	\$12,323	\$6,640	\$5,683	\$316	46%
Oct-19	18	3,214	22,121	1,229	1,437	80	2.1%	\$12,096	\$6,428	\$5,668	\$315	47%
Nov-19	18	3,975	23,068	1,282	1,678	93	1.9%	\$13,646	\$7,046	\$6,600	\$367	48%
Dec-19	19	4,945	24,273	1,278	1,503	79	2.2%	\$12,849	\$6,988	\$5,860	\$308	46%
Jan-20	19	4,798	23,247	1,224	1,319	69	2.4%	\$11,648	\$6,561	\$5,088	\$268	44%
Feb-20	19	4,732	20,086	1,057	1,279	67	2.2%	\$11,240	\$6,268	\$4,972	\$262	44%
Mar-20	19	4,650	20,850	1,097	1,360	72	2.1%	\$11,795	\$6,474	\$5,321	\$280	45%
Apr-20	19	2,808	14,046	739	1,309	69	1.5%	\$11,021	\$5,759	\$5,262	\$277	48%
May-20	19	2,265	13,124	691	1,309	69	1.4%	\$10,940	\$5,748	\$5,193	\$273	47%
Jun-20	19	3,014	18,226	959	1,469	77	1.7%	\$12,172	\$7,037	\$5,135	\$270	42%
Jul-20	19	4,200	20,357	1,071	1,435	76	1.9%	\$12,152	\$7,302	\$4,851	\$255	40%
Aug-20	19	3,848	24,217	1,275	1,466	77	2.3%	\$12,691	\$7,683	\$5,007	\$264	39%
Total	508	84,313	456,345	898	31,121	61	2.0%	\$264,514	\$139,624	\$124,891	\$246	47%

Conclusion

Participation in Schedule 45 only increased by one site in 2020 and has remained substantially lower than the 200-participant cap specified in the tariff. Schedule 45 has helped reduce the cost for publicly available DC fast charging stations and PacifiCorp will continue to promote Schedule 45 as a valuable alternative to their otherwise applicable rate schedule. Of note, PacifiCorp proposed a new rate offering (Schedule 29) with its most recent Oregon general rate case (docket UE 374) that may work better for current and potential Schedule 45 participants. If the Commission approves this new rate offering, PacifiCorp will inform Schedule 45 participants of this new option, while it continues to monitor participation in Schedule 45.

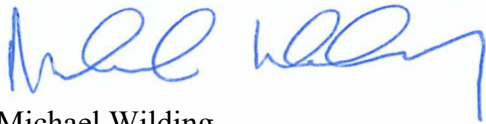
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PacifiCorp has generally heard positive anecdotal feedback from customers and Stakeholders regarding Schedule 45, with one customer in particular continuing to highlight Schedule 45 as an exemplary utility rate that they would like to see deployed in other states.

PacifiCorp is not aware of any participating stations currently charging drivers time-varying rates.

Please direct any questions about this filing to Cathie Allen at (503) 813-5934.

Sincerely,



Michael Wilding
Director, Net Power Costs & Regulatory Policy