



Portland General Electric Company
121 SW Salmon Street • 1WTC0306 • Portland, OR 97204
portlandgeneral.com

February 14, 2020

*Via Electronic Filing
Fed-Ex*

Public Utility Commission of Oregon
Attention: Filing Center
P.O. Box 1088
Salem, OR 97308-1088

RE: UE 370 Revenue Requirement Estimate Update and Net Variable Power Cost Update

Filing Center:

Enclosed is a revised revenue requirement estimate for Docket No. UE 370 that incorporates a 2020 annualized net variable power cost (NVPC) forecast for Wheatridge. The 2020 annualized NVPC forecast incorporates all forecasted NVPC costs and benefits for the wind-related portions of Wheatridge into PGE's final November 15, 2019 MONET update for Docket No. UE 359. This update to MONET results in a 2020 NVPC forecast of \$389.8 million, which is a decrease of approximately \$3.8 million (annualized) from the final November 15, 2019 power cost update filing in UE 359.

Summary of Attachments

As part of this update, PGE is providing four attachments.

1. Attachment 1 provides PGE's revised revenue requirement as described above.
2. Attachment 2 is one (1) CD containing the non-confidential Minimum Filing Requirements (MFRs)
3. Attachment 3 is one (1) CD containing the confidential MFRs
4. Attachment 4 provides PGE's Price Impact Update. Related non-confidential work papers are provided on one (1) CD.

Attachment 3 is protected information and subject to Protective Order No. 19-416.

If you have any questions, please contact me at (503) 464-7805 or Greg Batzler at (503) 464-8644. Please direct all formal correspondence and requests to the following e-mail address: pge.opuc.filings@pgn.com.

Sincerely,

A handwritten signature in black ink that reads "Jaki Ferchland". The signature is written in a cursive style.

Jaki Ferchland
Manager, Revenue Requirement

JF/np
enclosure
CC: UE 370 Service List

UE 370

2020 Net Variable Power Cost Update

Attachment 1

Provided in Electronic Format Only

Revised Revenue Requirement

UE 370

2020 Net Variable Power Cost Update

Attachment 2

Provided Electronically (CD) Only

Minimum Filing Requirements
Non-Confidential Supporting Documents and Work Papers

UE 370

2020 Net Variable Power Cost Update

Attachment 3

Provided Electronically (CD) Only

Protected Information Subject to Protective Order No. 19-416

Minimum Filing Requirements
Supporting Documents and Work Paper

UE 370

2020 Net Variable Power Cost Update

Attachment 4

Provided in Electronic Format Only

PGE Energy Price Impact Update

UE 370

2020 Net Variable Power Cost Update

Work Papers

Provided Electronically (CD) Only

Work Papers Supporting PGE Energy Price Impact Update

Portland General Electric Company
Wheatridge Annualized Revenue Requirement with UE 335 Approved Rates
2020 NVPC Update
Dollars in \$000s

Based on updated costs
in-service by 12/31/2020
Annualized for RAC
RevReq

1 Sales to Consumers	22,586
2 Sales for Resale	
3 Other Revenues	
4 Total Operating Revenues	22,586
5 Net Variable Power Costs	(3,769)
6 Production O&M (excludes Trojan)	4,006
7 Trojan O&M	
8 Transmission O&M	51
9 Distribution O&M	
10 Customer & MBC O&M	
11 Uncollectibles Expense	74
12 OPUC Fees	73
13 A&G, Ins/Bene., & Gen. Plant	360
14 Total Operating & Maintenance	794
15 Depreciation	5,750
16 Amortization	
17 Property Tax	856
18 Payroll Tax	10
19 Other Taxes	
20 Franchise Fees	573
21 Utility Income Tax	2,853
22 Total Operating Expenses & Taxes	10,835
23 Utility Operating Income	11,751
24 Rate Base	
25 Gross Plant	157,434
26 Accum. Deprec. / Amort	(5,750)
27 Accum. Def Tax	8,878
28 Accum. Def ITC	-
29 Net Utility Plant	160,562

30	Misc. Deferred Debits	-
31	Operating Materials & Fuel	-
32	Misc. Deferred Credits	-
33	Working Cash	415
34	Rate Base	160,977
35	Rate of Return	7.300%
36	Implied Return on Equity	9.500%
37	Effective Cost of Debt	5.100%
38	Effective Cost of Preferred	0.000%
39	Debt Share of Cap Structure	50.000%
40	Preferred Share of Cap Structure	0.000%
41	Weighted Cost of Debt	2.550%
42	Weighted Cost of Preferred	0.000%
43	Equity Share of Cap Structure	50.000%
44	State Tax Rate	7.580%
45	Federal Tax Rate	21.000%
46	Composite Tax Rate	26.988%
47	Bad Debt Rate	0.326%
48	Franchise Fee Rate	2.538%
49	Working Cash Factor	3.827%
50	Gross-Up Factor	1.370
51	ROE Target	9.500%
52	Grossed-Up COC	9.056%
53	OPUC Fee Rate	0.321%
	Utility Income Taxes	
54	Book Revenues	22,586
55	Book Expenses	7,982
56	Interest Deduction	4,105
57	Production Deduction	-
58	Permanent Ms	(72)
59	Deferred Ms	51,206
60	Taxable Income	(40,635)
61	Current State Tax	(3,080)
62	State Tax Credits	-
63	Net State Taxes	(3,080)
64	Federal Taxable Income	(37,555)
65	Current Federal Tax	(7,887)
66	Federal Tax Credits	-
67	ITC Amort	-
68	Deferred Taxes	13,820
69	Total Income Tax Expense	2,853
70	Regulated Net Income	7,646
71	Check Regulated NI	7,646

PORTLAND GENERAL ELECTRIC
Calculation of Schedule 122 Prices

Schedules	2020 Calendar COS Energy MWh	2020 Base Generation Revenues	Generation Allocation	2020 Base NVPC Revenues	Sch 122 Allocation	2020 NVPC Revenues	2020 Sch 122 Price mills/kWh	2020 Sch 122 Revenues	Cycle MWh	Cycle Revenues
Schedule 7	7,477,704	\$481,251	46.16%	\$168,697	\$10,760	\$179,457	1.44	\$10,768	7,450,702	\$10,729
Schedule 15	15,398	\$754	0.07%	\$264	\$17	\$281	1.10	\$17	15,348	\$17
Schedule 32	1,567,603	\$91,579	8.78%	\$32,010	\$2,048	\$34,058	1.31	\$2,054	1,564,954	\$2,050
Schedule 38	31,818	\$1,713	0.16%	\$599	\$38	\$638	1.20	\$38	31,784	\$38
Schedule 47	19,730	\$1,400	0.13%	\$490	\$31	\$521	1.59	\$31	19,792	\$31
Schedule 49	60,363	\$4,266	0.41%	\$1,493	\$95	\$1,588	1.58	\$95	61,497	\$97
Schedule 83	2,872,407	\$167,209	16.04%	\$58,568	\$3,739	\$62,307	1.30	\$3,734	2,866,611	\$3,727
Schedule 85-S	2,159,006	\$122,525	11.75%	\$42,381	\$2,740	\$45,121	1.27	\$2,742	2,154,069	\$2,736
Schedule 85-P	670,998	\$37,093	3.56%	\$12,944	\$829	\$13,773	1.24	\$832	673,453	\$835
Schedule 89-S	0	\$0	0.00%	\$0	\$0	\$0	1.17	\$0	0	\$0
Schedule 89-P	403,732	\$20,848	2.00%	\$7,259	\$466	\$7,725	1.15	\$464	404,438	\$465
Schedule 89-T	114,898	\$5,742	0.55%	\$2,038	\$128	\$2,167	1.12	\$129	113,053	\$127
Schedule 90	2,132,134	\$105,260	10.10%	\$38,165	\$2,353	\$40,519	1.10	\$2,345	2,117,935	\$2,330
Schedule 91/95	55,696	\$2,728	0.26%	\$954	\$61	\$1,015	1.10	\$61	55,514	\$61
Schedule 92	2,595	\$133	0.01%	\$46	\$3	\$49	1.14	\$3	2,588	\$3
TOTAL	17,584,083	\$1,042,502	100.00%	\$365,909	\$23,309	\$389,218		\$23,314	17,531,736	\$23,246

Wheatridge Revenue Requirement	\$22,586
Revenue Sensitive Adj. 3.2%	<u>\$723</u>
Target Revenue Requirement	\$23,309

Secondary Losses	1.0685
Primary Losses	1.0496

Delta Losses	0.01890
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