

Portland General Electric Company

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

July 31, 2014

Email / US mail puc.filingcenter@state.or.us

Oregon Public Utilities Commission Attention: Filing Center 3930 Fairview Industrial Drive SE Salem, OR 97302-1166

RE: UE 283 PGE 2015 General Rate Case

Attention: Filing Center

Enclosed for filing in the captioned docket are an original and five copies of:

An erratum of the Reply Testimony of Portland General Electric Company, PGE/1700 filed on July 16, 2014. The erratum includes red-lined edits depicting the changes and copies of the revised pages with the changes adopted.

Also enclosed are an original and three copies of:

- Exhibits on CD (non-confidential)
- Work Papers on CD (non-confidential)

PGE is correcting two numerical errors and providing an update that affects the revenue requirement amount for the base business. The first adjustment provides the correct expense reduction consistent with the first stipulation relating to the Fee-Free Bankcard program. The second adjustment provides the correct amount for the depreciation expense reduction consistent with the stipulation in UM 1679. The update also provides adjusted property tax expenses consistent with the stipulations relating to plant-in service. PGE has discussed these corrections with the other parties that have filed testimony and they had no objections.

These documents are being served upon the UE 283 service list.

This document is being filed by electronic mail with the Filing Center. An extra copy of the cover letter is enclosed. Please date stamp the extra copy and return to me in the envelope provided.

Thank you in advance for your assistance. If you have any questions or require further information, please call Rob Macfarlane at (503) 464-8954. Please direct all formal correspondence and requests to the following email address: pge.opuc.filings@pgn.com.

Sincerely,

Manager, Regulatory Affairs

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BEFORE THE PUBLIC UTILITY COMMISSION OF THE STATE OF OREGON

Revenue Requirements

PORTLAND GENERAL ELECTRIC COMPANY

Errata Reply Testimony

Alex Tooman Robert Macfarlane

UE 283 / PGE / 1700 Tooman – Macfarlane / i

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I.	Revenue Requirement
List of	f Exhibits

I. Revenue Requirement

1	O.	Please state your names and	positions with Portland	General Electric	("PGE")
L	v.	i least state your maines and	positions with I of tianu	Otheral Electric	(LUE)

- 2 A. My name is Alex Tooman. I am a project manager for PGE. I am responsible, along with
- 3 Mr. Macfarlane, for the development of PGE's revenue requirement forecast. In addition,
- 4 my areas of responsibility include results of operations reporting, power cost adjustment
- 5 mechanism filings and other regulatory analyses.
- My name is Robert Macfarlane. I am also a project manager for PGE. My areas of
- 7 responsibility include revenue requirement and other regulatory analyses.
- 8 Our qualifications were previously provided in PGE Exhibit 300.

9 Q. What is the purpose of your testimony?

- 10 A. Our testimony presents PGE's revised revenue requirements consistent with:
- 1. PGE's revised load forecast.
- 12 2. The settlements with parties reached on May 27, June 8, and June 11 in this case.
- The settlements resolve PGE's capital structure, cost of debt, plant in-service other
- than deferred tax assets associated with production tax credits, and most of PGE's
- 15 2015 O&M costs.

- 3. PGE's requested return on equity (ROE) of 10% as initially filed in this case. PGE
- Exhibit 2000 is the reply testimony of Bente Villadsen, PGE's expert ROE witness.
- 4. An updated 2015 forecast of net variable power costs (NVPC) consistent with our
- July 15, 2014 filing and the updated 2015 load forecast. In addition, the NVPC
- 20 update reflects the reduction of power costs resulting from the terms of a NVPC
- partial stipulation filed with the Commission in UE 286.
 - 5. The stipulation for the depreciation study filed in UM 1679.

- 6. The effects of the acquisition of a 10% share of the Boardman coal plant as outlined in PGE Exhibit 1500 and updated in PGE Exhibit 1600.
- 7. Updates for Port Westward 2 (PW2) and Tucannon River Wind Farm (Tucannon) as outlined in PGE Exhibit 1800.

Q. What is PGE's revised revenue requirement increase in this case?

A. PGE's revised revenue requirement increase in this case is \$60.559.9 million comprised of: a decrease of \$28.99.4 million for the base business, an increase of \$49.0 million for PW2, and an increase of \$40.4 million for Tucannon. PGE Exhibit 1701 provides the revised revenue requirement increase for the base business, PW2, and Tucannon. The revised revenue requirement increases compare to PGE's initial request of \$12.5 million for the base business, \$51.4 million for PW2, and \$46.7 million for Tucannon. Table 1 below summarizes the revised revenue requirement increase for the base business in this case:

Table 1 (\$ millions)

(minons)	Base
Original Filing	\$12.5
June Load Forecast Update	(\$4.3)
PRC Share of Boardman Non-NVPC	\$5.5
UM 1679 Depreciation Update	(\$11. <u>7</u> 5)
UE 283 Partial Stipulations	(\$27.40)
UE 286 NVPC Update	(\$4.1)
Total	
	(\$2 8.9 <u>9.4</u>)

The revised revenue requirement is also the basis for the analysis of prices and rate change impacts provided in PGE Exhibit 2100 (Pricing).

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¹ See PGE Exhibit 300

- Q. Do the revenue requirements in Table 1 and PGE Exhibit 1701 provide all updates
- 2 consistent with the settlements to date?
- 3 A. No. PGE is still evaluating the property tax effects of the settled changes to rate base and
- 4 will provide the appropriate update in the near future. Yes
- 5 Q. Does this conclude your testimony?
- 6 A. Yes.

List of Exhibits

1701 PGE Revised 2015 Revenue Requirement

PGE Exhibit 1701 Portland General Electric Company 2015 Revenue Requirement Summary Dollars in \$000s

Rev Req Percent
Total Increase: 59,860 3.46%

	Base Business		1	Total
	2015	PW2	Tucannon	Results
	(1)	(2)	(3)	(4)
	(-/	(-)	(-)	1.7
1 Sales to Consumers	1,704,803	49,050	40,354	1,794,207
2 Sales for Resale	'-	-		-
3 Other Revenues	24,831	-		24,831
4 Total Operating Revenues	1,729,634	49,050	40,354	1,819,038
			, i	
5 Net Variable Power Costs	589,812	(1,266)	(22,427)	566,119
6 Production O&M (excludes Trojan)	141,125	1,479	7,470	150,074
7 Trojan O&M	68	-	- 1	68
8 Transmission O&M	15,028	-	-	15,028
9 Distribution O&M	94,623	-	-	94,623
10 Customer & MBC O&M	69,139	-	-	69,139
11 Uncollectibles Expense	8,013	231	190	8,433
12 OPUC Fees	5,328	153	126	5,607
13 A&G, Ins/Bene., & Gen. Plant	140,073	347	435	140,854
14 Total Operating & Maintenance	1,063,208	944	(14,206)	1,049,945
	1		ļ	ļ
15 Depreciation	234,608	9,491	23,209	267,308
16 Amortization	32,872	-	-	32,872
17 Property Tax	51,016	1,663	6,943	59,623
18 Payroll Tax	14,033	30	7	14,070
19 Other Taxes	1,835	-	-	1,835
20 Franchise Fees	42,640	1,227	1,009	44,876
21 Utility Income Tax	60,808	11,047	(15,660)	56,195
22 Total Operating Expenses & Taxes	1,501,019	24,401	1,302	1,526,723
23 Utility Operating Income	228,615	24,648 .	39,052	292,315
24 Rate Base				
25 Avg. Gross Plant	7,276,617	323,227	524,617	8,124,460
26 Avg. Accum. Deprec. / Amort	(3,806,332)	(5,800)	(11,604)	(3,823,736)
27 Avg. Accum. Def Tax	(612,284)	890	(7,300)	(618,694)
28 Avg. Accum. Def ITC	- 1	-	-	-
29 Net Utility Plant	2,858,001	318,316	505,713	3,682,030
				l
30 Misc. Deferred Debits	29,352	-	-	29,352
31 Operating Materials & Fuel	75,103	-	-	75,103
32 Misc. Deferred Credits	(57,240)	-	-	(57,240)
33 Working Cash	55,538	903	48	56,489
34 Rate Base	2,960,754	319,219	505,761	3,785,734

	Base Business		l	Total
	2015	PW2	Tucannon	Results
	(1)	(2)	(3)	(4)
35 Rate of Return	7.722%			7.722%
36 Implied Return on Equity	10.000%			10.000%
27 Bff C	5 44204	E 4420/	E 4420/	E 4420/
37 Effective Cost of Debt	5.443%	5.443%	5.443%	5.443% 0.000%
38 Effective Cost of Preferred	0.000%	0.000%	0.000%	50.000%
39 Debt Share of Cap Structure	50.000%	50.000%	50.000%	0.000%
40 Preferred Share of Cap Structure	0.000%	0.000%	0.000%	2,722%
41 Weighted Cost of Debt	2.722%	2.722%	2.722%	1
42 Weighted Cost of Preferred	0.000%	0.000%	0.000%	0.000%
43 Equity Share of Cap Structure	50.000%	50.000%	50.000%	50.000%
44 State Tax Rate	7.614%	7.614%	7.614%	7.614%
45 Federal Tax Rate	35.000%	35.000%	35.000%	35.000%
46 Composite Tax Rate	39.949%	39.949%	39.949%	39.949%
47 Bad Debt Rate	0.470%	0.470%	0.470%	0.470%
48 Franchise Fee Rate	2.501%	2.501%	2.501%	2.501%
49 Working Cash Factor	3.700%	3.700%	3.700%	3.700%
50 Gross-Up Factor	1.665	1.665	1.665	1.665
51 ROE Target	10.000%	10.000%	10.000%	10.000%
52 Grossed-Up COC	11.048%	11.048%	11.048%	11.048%
53 OPUC Fee Rate	0.3125%	0.3125%	0.313%	0.313%
Utility Income Taxes				
54 Book Revenues	1,729,634	49,050	40,354	1,819,038
55 Book Expenses	1,440,211	13,354	16,963	1,470,528
56 Interest Deduction	80,577	8,688	13,764	103,029
57 Production Deduction	00,077	0,000	10,704	100,023
58 Permanent Ms	(20,679)	(645)	(627)	(21,951)
59 Deferred Ms	(58,125)	6,196	71,740	19,811
60 Taxable Income	287,650	21,457	(61,485)	247,622
oo ranable mounte	207,030	21,73/	(01,460)	247,022
61 Current State Tax	21,901	1,634	(4,681)	18,854
62 State Tax Credits	(3,009)	_		(3,009)
63 Net State Taxes	18,892	1,634	(4,681)	15,844
	l (ļ
64 Federal Taxable Income	268,758	19,823	(56,804)	231,778
65 Comment Fordamel Trans	04.055	6.022	(10.001)	81 100
65 Current Federal Tax	94,065	6,938	(19,881)	81,122
66 Federal Tax Credits	(28,929)	-	(19,757)	(48,686)
67 ITC Amort	(22.25.1			
68 Deferred Taxes	(23,221)	2,475	28,659	7,914
69 Total Income Tax Expense	60,808	11,047	(15,660)	56,195
70 Regulated Net Income	148,038		-	189,287
71 Check Regulated NI			l	189,287

PGE Exhibit 1701 Portland General Electric Company 2015 Revenue Requirement - Dollars in \$000s

							UM 1679		Total Increase:	Rev Req (29,544)	Percent -1.71%
	At Current Rates	June Load Forecast Delta	GRC Change for RROE	Proposed 2015	PRC Non-NVPC	PRC Update Non-NVPC	Depreciation Base	Subtotal	Non-NVPC Adjustments	NVPC Adjustments	Total Results
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1 Sales to Consumers	1,730,004	4,343	8,153	1,742,500	4,730	793	(11,737)	1,736,285	(27,429)	(4,053)	1,704,803
2 Sales for Resale	-			-				-	-	-	-
3 Other Revenues	23,521			23,521				23,521	1,310	-	24,831
4 Total Operating Revenues	1,753,525		8,153	1,766,021	4,730	793	(11,737)	1,759,806	(26,119)	(4,053)	1,729,634
5 Net Variable Power Costs	593,425			593,425		290		593,715	_	(3,903)	589,812
6 Production O&M (excludes Trojan)	136,508			136,508	4,144	473	i	141,125	-		141,125
7 Trojan O&M	68			68				68	-	-	68
8 Transmission O&M	15,028			15,028				15,028	-	-	15,028
9 Distribution O&M	94,623			94,623				94,623	j -	-	94,623
10 Customer & MBC O&M	70,202			70,202				70,202	(1,063)	-	69,139
11 Uncollectibles Expense	8,650		62	8,712	24	4	(59)	8,681	(118)	(19)	8,013
12 OPUC Fees	5,406		39	5,445	15	2	(37)	5,426	(78)	(13)	5,328
13 A&G, Ins/Bene., & Gen. Plant	149,418			149,418				149,418	(9,345)	-	140,073
14 Total Operating & Maintenance	1,073,328		102	1,073,430	4,182	770	(95)	1,078,287	(10,605)	(3,935)	1,063,208
15 Depreciation	245,908			245,908			(11,300)	234,608] -	-	234,608
16 Amortization	34,100			34,100				34,100	(1,228)	-	32,872
17 Property Tax	51,142			51,142				51,142	(126)	-	51,016
18 Payroll Tax	14,033			14,033				14,033	i -	-	14,033
19 Other Taxes	1,835			1,835				1,835	-	-	1,835
20 Franchise Fees	43,270		313	43,583	118	20	(294)	43,427	(627)	(101)	42,640
21 Utility Income Tax	59,242		4,824	64,067	129	1	(14)	64,182	(3,369)	(5)	60,808
22 Total Operating Expenses & Taxes	1,522,859		5,238	1,528,097	4,429	790	(11,703)	1,521,614	(15,955)	(4,041)	1,501,019
23 Utility Operating Income	230,666		7,257	237,923	301	2	(34)	238,192	(10,164)	(12)	228,615
24 Average Rate Base				237,923							228,615
25 Avg. Gross Plant	7,293,364			7,293,364	3,700			7,297,064	(20,447)		7,276,617
26 Avg. Accum. Deprec. / Amort	(3,805,842)			(3,805,842)	3,700			(3,805,842)	(20,447)	_ [(3,806,332)
27 Avg. Accum. Def Tax	(579,549)			(579,549)			1	(579,549)			(612,284)
28 Avg. Accum. Def ITC	(075,015)			(075,045)				(079,049)	(02,704)		(012,207)
29 Avg. Net Utility Plant	2,907,972		-	2,907,972	3,700	-	-	2,911,672	(53,671)	-	2,858,001
30 Misc. Deferred Debits	30,852			30,852				30.852	(1,500)	_	29,352
31 Operating Materials & Fuel	75,103		1	75,103			1	75,103	(1,500)	-	75,103
32 Misc. Deferred Credits	(11,740)		İ	(11,740)				(11,740)	(45,500)	-	(57,240)
33 Working Cash	56,346		194	56,540	164	29	(433)	56.300	(45,500)	(150)	55,538
34 Average Rate Base	3,058,533		194	3,058,727	3,864	29	(433)	3,062,187	(101,261)	(150)	2,960,754
35 Rate of Return	7.542%			7.779%							7.722%
36 Implied Return on Equity	9.526%			10.000%							10.000%
50 Implied Recuir on Equity	9.526%		I	10.000%					i		10.000%

	At Current	June Load	GRC Change	Proposed	PRC	PRC Update	Depreciation		Non-NVPC	NVPC	Total
	Rates	Forecast Delta	for RROE	2015	Non-NVPC	Non-NVPC	Base	Subtotal	Adjustments	Adjustments	Results
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
			1				1	i			1
37 Effective Cost of Debt	5.557%		5.557%	5.557%	5.557%	5.557%	5.557%	5.557%	5.443%	5.443%	5.443%
38 Effective Cost of Preferred	0.000%		0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
39 Debt Share of Cap Structure	50.000%		50.000%	50.000%	50.000%	50.000%	50.000%	50.000%	50.000%	50.000%	50.000%
40 Preferred Share of Cap Structure	0.000%		0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
41 Weighted Cost of Debt	2.779%		2.779%	2.779%	2.779%	2.779%	2.779%	2.779%	2.722%	2.722%	2.722%
42 Weighted Cost of Preferred	0.000%		0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
43 Equity Share of Cap Structure	50.000%		50,000%	50.000%	50.000%	50.000%	50.000%	50.000%	50.000%	50.000%	50.000%
44 State Tax Rate	7.614%		7.614%	7.614%	7.614%	7.614%	7.614%	7.614%	7.614%	7.614%	7.614%
45 Federal Tax Rate	35.000%		35.000%	35.000%	35.000%	35.000%	35.000%	35.000%	35.000%	35.000%	35.000%
46 Composite Tax Rate	39.949%		39.949%	39.949%	39.949%	39.949%	39.949%	39.949%	39.949%	39.949%	39.949%
47 Bad Debt Rate	0.500%		0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.470%	0.470%	0.470%
48 Franchise Fee Rate	2.501%		2.501%	2.501%	2.501%	2.501%	2.501%	2.501%	2.501%	2.501%	2.501%
49 Working Cash Factor	3.700%		3.700%	3.700%	3.700%	3.700%	3.700%	3.700%	3.700%	3.700%	3.700%
50 Gross-Up Factor	1.665		1.665	1.665	1.665	1.665	1.665	1.665	1.665	1.665	1.665
51 ROE Target	10.000%		10.000%	10.000%	10.000%	10.000%	10.000%	10.000%	10.000%	10.000%	10.000%
52 Grossed-Up COC	11.105%		11.105%	11.105%	11.105%	11.105%	11.105%	11.105%	11.048%	11.048%	11.048%
53 OPUC Fee Rate	0.3125%		0.3125%	0.3125%	0.3125%	0.3125%	0.3125%	0.3125%	0.3125%	0.313%	0.313%
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Utility Income Taxes							ľ				
54 Book Revenues	1,753,525		12,496	1,766,021	4,730	793	(11,737)	1,759,806	(26,119)	(4,053)	1,729,634
55 Book Expenses	1,463,617		414	1,464,031	4,301	789	(11,689)	1,457,432	(13,184)	(4,036)	1,440,211
56 Interest Deduction	84,981		5	84,987	107	1	(12)	85,083	(2,756)	(4)	80,577
57 Production Deduction	-		1	-				- 1	~		- 1
58 Permanent Ms	(20,679)		Į.	(20,679)				(20,679)	-	Į	(20,679)
59 Deferred Ms	(26,469)			(26,469)				(26,469)	(31,657)		(58,125)
60 Taxable Income	252,074		12,076	264,151	322	2	(36)	264,439	21,478	(12)	287,650
											1
61 Current State Tax	19,193		919	20,112	24	0	(3)	20,134	1,635	(1)	21,901
62 State Tax Credits	(3,009)			(3,009)				(3,009)			(3,009)
63 Net State Taxes	16,183		919	17,103	24	0	(3)	17,125	1,635	(1)	18,892
											i
64 Federal Taxable Income	235,891		11,157	247,048	297	2	(33)	247,314	19,842	(12)	268,758
65 Current Federal Tax	82,562		3,905	86,467	104	1	(12)	86,560	6,945	(4)	94,065
66 Federal Tax Credits	(28,929)		Ī	(28,929)				(28,929)	-		(28,929)
67 ITC Amort	~		-	-			į.	į	-		- (
68 Deferred Taxes	(10,574)		0	(10,574)	0	0	0	(10,574)	(12,647)		(23,221)
69 Total Income Tax Expense	59,242		4,824	64,067	129	1	(14)	64,182	(4,066)	(5)	60,808
70 Regulated Net Income	145,684			152,936							148,038
71 Check Regulated NI				152,936							148,038
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BEFORE THE PUBLIC UTILITY COMMISSION OF THE STATE OF OREGON

Revenue Requirements

PORTLAND GENERAL ELECTRIC COMPANY

Corrected Reply Testimony

Alex Tooman Robert Macfarlane

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- 3 Mr. Macfarlane, for the development of PGE's revenue requirement forecast. In addition,
- 4 my areas of responsibility include results of operations reporting, power cost adjustment
- 5 mechanism filings and other regulatory analyses.
- My name is Robert Macfarlane. I am also a project manager for PGE. My areas of
- 7 responsibility include revenue requirement and other regulatory analyses.
- 8 Our qualifications were previously provided in PGE Exhibit 300.

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- 10 A. Our testimony presents PGE's revised revenue requirements consistent with:
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- 4 Q. Does this conclude your testimony?
- 5 A. Yes.

UE 283 / PGE / 1700 Tooman – Macfarlane / 4

List of Exhibits

PGE Exhibit Description

1701 PGE Revised 2015 Revenue Requirement

CERTIFICATE OF SERVICE

I hereby certify that I have this day caused UE 283 PORTLAND GENERAL ELECTRIC ERRATA REPLY TESTIMONY, by electronic mail to those parties whose email addresses appear on the attached service list for OPUC Docket No. UE 283.

DATED at Portland, Oregon, this 31st day of July 2014.

Patrick G. Hager

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