



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

October 29, 2013

**Email / U.S. Mail**

puc.filingcenter@state.or.us

Commission Filing Center  
Public Utility Commission of Oregon  
PO box 1088  
Salem, OR 97308-1088

**RE: UE 262 – PGE Revenue Requirement Update**

Pursuant to the terms of the Partial Stipulation filed on July 10, 2013 (“First Partial Stipulation”), PGE is submitting this update to incorporate actual 2013 debt costs into development of its 2014 test year revenue requirement. The updated weighted average cost of debt for the 2014 test year is 5.541% as shown in Attachment 1. Attachment 2 contains an updated revenue requirement inclusive of PGE’s October 1, 2013 Net Variable Power Cost and load forecast, the terms of all stipulations, and an update to Schedule 145 (Boardman Decommissioning). The Schedule 145 update will be filed on November 1. The updated revenue requirement increase is approximately \$66.6 million. This revenue requirement is final except for updates to NVPC in November and an update of the split out of cost-of-service and direct access load pursuant to the September opt-out window as provided for in Schedule 125. Finally, this update assumes Commission approval of all stipulations.

Parties to UE 262 were provided a copy of this filing on Wednesday, October 23 for review with a request for comments by 5pm on Monday, October 28. As of October 28, no party has raised any questions or concerns. PGE understands that Public Utility Commission of Oregon Staff will submit a memorandum regarding PGE’s cost of debt tomorrow.

If you have any questions, please contact me at (503) 464-7580 or Chris Liddle at (503) 464-7458. Please direct all formal correspondence and requests to the following e-mail address: [pge.opuc.filings@pgn.com](mailto:pge.opuc.filings@pgn.com).

Sincerely,

Patrick G. Hager  
Manager, Regulatory Affairs

PGH:sp  
encls.

cc: UE 262 Service List



**UE 262**

**Attachment 1**

Cost of Debt



Cost of Long-Term Debt

Expected December 31, 2014 - 2014 Test Year  
Updated 07/02/2013

AWO (A)	Type (C)	Description (D)	Issue Date (E)	Maturity Date (F)	Term (G)	Coupon (H)	Gross Proceeds (I)	DD&E Issue Costs (J)	Call Premium & Unamort. DD&E of Retained Issue (K)	F/Y	Net Proceeds (L)	Embedded Cost (M)	Net to Rate (N)	Face Amount Outstanding (O)	Net Outstanding (P)	Face Amount Weight (Q)	Weighted Rate (R)	[Q * R] (S)
1	7000000037	Series MTN	12-Aug-91	11-Aug-21	30	9.310%	\$20,000,000	\$176,577	\$0		\$19,823,423	9.399%	99.117%	\$20,000,000	\$19,823,423	0.904%	0.085%	
4	7000000021	Series VI MTN	4-Aug-03	1-Aug-13	10	0.000%	\$50,000,000	\$0	\$0	2	\$0	0.000%	0.000%	\$0	\$0	0.000%	0.000%	
5	7000000022	Series VI MTN	4-Aug-03	1-Aug-23	20	6.525%	\$50,000,000	\$21,342	\$1,946,809	2	\$47,531,849	6.985%	95.044%	\$50,000,000	\$47,531,849	2.261%	0.158%	
6	7000000023	Series VI MTN	4-Aug-03	1-Aug-33	30	6.648%	\$50,000,000	\$21,342	\$1,946,809	2	\$47,531,849	7.046%	95.064%	\$50,000,000	\$47,531,849	2.261%	0.158%	
7	7000000024	FMB	26-May-06	1-May-36	30	6.310%	\$175,000,000	\$1,270,865	\$6,199,472	3	\$167,529,663	6.640%	95.731%	\$175,000,000	\$167,529,663	7.914%	0.232%	
8	7000000025	FMB	26-May-06	1-May-31	25	6.260%	\$100,000,000	\$723,857	\$4,132,982	3	\$95,143,161	6.625%	95.143%	\$100,000,000	\$95,143,161	4.522%	0.301%	
9	7000000026	FMB	16-May-07	1-Jun-39	32	5.800%	\$170,000,000	\$1,447,420	\$50,969	4	\$168,501,611	5.861%	99.119%	\$170,000,000	\$168,501,611	7.687%	0.451%	
10	7000000027	FMB	19-Sep-07	1-Oct-37	30	5.810%	\$130,000,000	\$1,627,692	\$0		\$128,372,308	5.899%	98.748%	\$130,000,000	\$128,372,308	5.879%	0.347%	
11	7000000028	FMB	12-Dec-07	1-Mar-18	10	5.800%	\$75,000,000	\$637,500	\$0		\$74,362,500	5.912%	99.150%	\$75,000,000	\$74,362,500	3.392%	0.201%	
12	7000000029	FMB	15-Apr-08	1-Apr-13	5	0.000%	\$50,000,000	\$0	\$0	5	\$0	0.000%	0.000%	\$0	\$0	0.000%	0.000%	
14	7000000030	FMB	15-Jan-09	15-Jun-16	7	6.800%	\$67,000,000	\$438,180	\$0		\$66,561,820	6.919%	99.346%	\$67,000,000	\$66,561,820	3.030%	0.210%	
15	7000000031	FMB	13-Apr-09	15-Apr-19	10	6.100%	\$300,000,000	\$2,608,223	\$0		\$297,391,777	6.218%	99.131%	\$300,000,000	\$297,391,777	13.566%	0.844%	
16	7000000032	FMB	3-Nov-09	3-May-40	30.5	5.430%	\$150,000,000	\$1,034,283	\$0		\$148,965,717	5.477%	99.310%	\$150,000,000	\$148,965,717	6.783%	0.372%	
17	7000000033	FMB	15-Jun-10	15-Jun-15	5	3.460%	\$70,000,000	\$0	\$0	7	\$70,000,000	3.609%	0.000%	\$0	\$0	0.000%	0.000%	
18	7000000034	FMB	11-Mar-10	1-May-33	23	5.000%	\$97,800,000	\$688,885	\$1,521,911	8	\$95,589,204	5.168%	97.739%	\$97,800,000	\$95,589,204	4.423%	0.229%	
19	7000000035	FMB	11-Mar-10	1-May-33	23	5.000%	\$23,600,000	\$166,234	\$912,065	8	\$22,521,701	5.346%	99.431%	\$23,600,000	\$22,521,701	1.067%	0.057%	
20	7000000036	FMB	15-Jun-10	15-Jun-17	7	3.810%	\$58,000,000	\$351,307	\$0		\$57,648,693	3.910%	99.394%	\$58,000,000	\$57,648,693	2.623%	0.103%	
21	2013-1	FMB	27-Jun-13	15-Jun-44	31	4.470%	\$150,000,000	\$1,121,463	\$0		\$148,878,537	4.519%	99.252%	\$150,000,000	\$148,878,537	3.392%	0.133%	
22	2013-2	FMB	29-Aug-13	14-Aug-43	30	4.470%	\$75,000,000	\$560,731	\$0		\$74,439,269	4.516%	99.252%	\$75,000,000	\$74,439,269	3.392%	0.133%	
23	2013-3	FMB	15-Nov-13	15-Nov-42	29	4.740%	\$105,000,000	\$997,742	\$0		\$104,002,258	4.783%	99.335%	\$105,000,000	\$104,002,258	4.748%	0.227%	
24	2013-4	FMB	16-Dec-13	15-Dec-48	35	4.840%	\$50,000,000	\$332,258	\$0		\$49,667,742	4.880%	99.335%	\$50,000,000	\$49,667,742	2.261%	0.110%	
25	2014-1	FMB	31-May-14	31-May-44	30	4.428%	\$80,000,000	\$780,000	\$0		\$79,220,000	4.488%	99.025%	\$80,000,000	\$79,220,000	3.618%	0.153%	
26	2014-2	FMB	30-Jun-14	30-Jun-24	10	3.300%	\$90,000,000	\$677,500	\$0		\$89,122,500	3.416%	99.025%	\$90,000,000	\$89,122,500	4.070%	0.199%	
27	2014-3	FMB	31-Aug-14	31-Aug-44	30	4.428%	\$50,000,000	\$385,000	\$0		\$49,615,000	4.488%	99.025%	\$50,000,000	\$49,615,000	2.713%	0.126%	
28	2014-4	FMB	31-Oct-14	31-Oct-44	30	4.428%	\$30,000,000	\$487,500	\$0		\$29,512,500	4.488%	99.025%	\$30,000,000	\$29,512,500	2.261%	0.101%	
29	2014-5	FMB	30-Nov-14	30-Nov-44	30	4.428%	\$85,000,000	\$328,750	\$0		\$84,171,250	4.488%	99.025%	\$85,000,000	\$84,171,250	3.844%	0.172%	
Annual expense from loan on reacquired debt											\$167,007							
Totals											\$2,246,057,925			\$2,211,400,000	\$2,176,204,332	100.00%	5.344%	
Cost of LT Debt (includes annual expense from loss on reacquired debt)																		\$541%

Losses on Other Reacquired Debt	Issue Date	Maturity Date	Reacquisition Date	Gross Proceeds	Total Gain/Loss to Amortize	2014 Expense
7000000037 5.450% Colstrip 98B Fixed PCB due	1-May-03	1-May-33	1-May-09	\$21,000,000	\$411,672	\$17,139
7000000038 5.450% Colstrip 98B Fixed PCB due	1-Jul-98	1-Aug-14	15-Jun-11	\$9,600,000	\$63,846	\$10,459
7000000039 5.450% Colstrip 98B Fixed PCB due	15-Jan-09	15-Jan-14	29-Dec-11	\$63,000,000	\$7,448,429	\$139,409
7000000040 5.450% Colstrip 98B Fixed PCB due						\$167,007

Footnote

1 On 7/1/08, the Trojan variable rates were fixed, although not extended. These bonds were redeemed at par in January 2011. Includes partial-year 2014 amortization of reacquisition cost.

2 \$5.8 million in call premium resulting from acquisition of 5.46% and 7.75% issues was allocated evenly among August 2003 issues (see UE 180, POE Exhibit 1400, page 3).  
5.625% Series moves to due win one-year in August 2012.

3 There was a \$12 million call premium on the 8.125% redeemed issue. A portion was disallowed in UE 180. The remainder is rolled into the new debt and will be paid over the period of the May 2006 issuances.

4 \$5.1 million Trojan 1990B PCBs redeemed early in June 2007. Unamortized loss of \$50,969 was added to the 5.80% series \$170MM issued in May 2007 used to redeem the PCBs.

5 In February 2008, POE repurchased the 5.299% issue due 04/01/2013. The issue was subsequently reissued on 04/15/2008 at 4.45% for a period of 5 years (due on original maturity date of 04/01/2013). Moves to due win one-year in April 2012.

6 "DD&E Issue Costs" (column J) was updated to reflect \$222,000 discount to par at issuance.

7 "DD&E Issue Costs" (column J) was updated to reflect actual issuance expenses.

8 PCB issues put-back to POE in May 2009. POE re-marketed in March 2010 (due on original maturity date of 05/01/2003).

2014

25	\$80,000,000	3,542,545
27	\$90,000,000	2,970,000
27	\$60,000,000	2,656,969
27	\$50,000,000	2,214,091
28	\$85,000,000	3,763,955
	\$365,000,000	15,147,500
		4.15%



**UE 262**

**Attachment 2**

Revenue Requirement



**Portland General Electric Company**  
**2014 Revenue Requirement**  
**Dollars in \$000s**

	Total Increase:				Rev Req	Percent
					66,634	3.99%
	At Current Rates	GRC Change for RROE	Proposed 2014	Non-NVPC Adjustments	NVPC Adjustments	Total Results
	(1)	(2)	(3)	(5)	(6)	(7)
1 Sales to Consumers	1,670,507	114,767	1,785,274	(41,610)	(11,398)	1,732,265
2 Sales for Resale	-		-	-	-	-
3 Other Revenues	21,396		21,396	749	-	22,145
4 Total Operating Revenues	1,691,903	114,767	1,806,670	(40,861)	(11,398)	1,754,410
5 Net Variable Power Costs	639,194		639,194	-	(10,975)	628,219
6 Production O&M (excludes Trojan)	121,923		121,923	(900)	-	121,023
7 Trojan O&M	60		60	-	-	60
8 Transmission O&M	12,150		12,150	-	-	12,150
9 Distribution O&M	93,824		93,824	-	-	93,824
10 Customer & MBC O&M	72,063		72,063	(7,498)	-	64,565
11 Uncollectibles Expense	8,687	597	9,283	(155)	(57)	8,661
12 OPUC Fees	5,220	359	5,579	(97)	(36)	5,413
13 A&G, Ins/Benc., & Gen. Plant	151,178		151,178	(11,846)	-	139,332
14 Total Operating & Maintenance	1,104,300	955	1,105,255	(20,496)	(11,068)	1,073,248
15 Depreciation	242,918		242,918	(39)	-	242,879
16 Amortization	32,109		32,109	(1,520)	-	30,589
17 Property Tax	50,380		50,380	-	-	50,380
18 Payroll Tax	13,797		13,797	(182)	-	13,615
19 Other Taxes	1,840		1,840	-	-	1,840
20 Franchise Fees	41,782	2,871	44,653	(776)	(285)	43,327
21 Utility Income Tax	25,711	44,197	69,908	(4,892)	(14)	65,003
22 Total Operating Expenses & Taxes	1,512,837	48,023	1,560,860	(27,905)	(11,366)	1,520,881
23 <b>Utility Operating Income</b>	179,065	66,744	245,809	(12,956)	(32)	233,529
			245,809			233,529
24 <b>Average Rate Base</b>						
25 Avg. Gross Plant	7,254,346		7,254,346	(63,732)	-	7,190,614
26 Avg. Accum. Deprec. / Amort	(3,729,761)		(3,729,761)	-	-	(3,729,761)
27 Avg. Accum. Def Tax	(506,558)		(506,558)	-	-	(506,558)
28 Avg. Accum. Def ITC	4		4	-	-	4
29 <b>Avg. Net Utility Plant</b>	3,018,031	-	3,018,031	(63,732)	-	2,954,299
30 Misc. Deferred Debits	46,932		46,932	3,173	-	50,105
31 Operating Materials & Fuel	73,324		73,324	-	-	73,324
32 Misc. Deferred Credits	(74,255)		(74,255)	(5,279)	-	(79,534)
33 Working Cash	60,211	1,911	62,122	(1,033)	(421)	56,273
34 <b>Average Rate Base</b>	3,124,242	1,911	3,126,153	(66,871)	(421)	3,054,466
35 <b>Rate of Return</b>	5.731%		7.863%			7.645%
36 <b>Implied Return on Equity</b>	5.737%		10.000%			9.750%



37 Effective Cost of Debt	5.726%	5.726%	5.726%	5.541%	5.541%	5.541%
38 Effective Cost of Preferred	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%
40 Preferred Share of Cap Structure	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
41 Weighted Cost of Debt	2.863%	2.863%	2.863%	2.771%	2.771%	2.771%
42 Weighted Cost of Preferred	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%
44 State Tax Rate	7.474%	7.474%	7.474%	7.474%	7.474%	7.474%
45 Federal Tax Rate	35.000%	35.000%	35.000%	35.000%	35.000%	35.000%
46 Composite Tax Rate	39.858%	39.858%	39.858%	39.858%	39.858%	39.858%
47 Bad Debt Rate	0.520%	0.520%	0.520%	0.500%	0.500%	0.500%
48 Franchise Fee Rate	2.501%	2.501%	2.501%	2.501%	2.501%	2.501%
49 Working Cash Factor	3.980%	3.980%	3.980%	3.700%	3.700%	3.700%
50 Gross-Up Factor	1.663	1.663	1.663	1.663	1.663	1.663
51 ROE Target	10.000%	10.000%	10.000%	9.750%	9.750%	9.750%
52 Grossed-Up COC	11.177%	11.177%	11.177%	10.876%	10.876%	10.876%
53 OPUC Fee Rate	0.3125%	0.3125%	0.3125%	0.3125%	0.3125%	0.3125%
Utility Income Taxes						
54 Book Revenues	1,691,903	114,767	1,806,670	(40,861)	(11,398)	1,754,410
55 Book Expenses	1,487,126	3,826	1,490,952	(23,721)	(11,353)	1,455,878
56 Interest Deduction	89,447	55	89,502	(1,853)	(12)	84,624
57 Production Deduction	-	-	-	-	-	-
58 Permanent Ms	(17,560)	-	(17,560)	-	-	(17,560)
59 Deferred Ms	21,363	-	21,363	-	-	21,363
60 Taxable Income	111,527	110,886	222,413	(15,288)	(34)	210,105
61 Current State Tax	8,335	8,287	16,622	(1,143)	(3)	15,702
62 State Tax Credits	(3,017)	-	(3,017)	-	-	(3,017)
63 Net State Taxes	5,318	8,287	13,605	(1,143)	(3)	12,685
64 Federal Taxable Income	106,210	102,599	208,809	(14,145)	(32)	197,420
65 Current Federal Tax	37,173	35,910	73,083	(4,951)	(11)	69,097
66 Federal Tax Credits	(25,294)	-	(25,294)	-	-	(25,294)
67 ITC Amort	-	-	-	-	-	-
68 Deferred Taxes	8,515	-	8,515	-	-	8,515
69 Total Income Tax Expense	25,711	44,197	69,908	(6,093)	(14)	65,003
70 Regulated Net Income	89,618	-	156,308	-	-	148,905
71 Check Regulated NI	-	-	156,308	-	-	148,905



**SERVICE LIST**  
**OPUC DOCKET # UE 262**

S Brad Van Cleve (C) (W) DAVISON VAN CLEVE <a href="mailto:bvc@dvclaw.com">bvc@dvclaw.com</a>	Irion Sanger (W) DAVISON VAN CLEVE <a href="mailto:ias@dvclaw.com">ias@dvclaw.com</a>
Stephanie S. Andrus (C) (W) DEPARTMENT OF JUSTICE <a href="mailto:stephanie.andrus@state.or.us">stephanie.andrus@state.or.us</a>	Donald W. Schoenbeck (C) (W) REGULATORY & COGENERATION SERVICES <a href="mailto:dws@r-c-s-inc.com">dws@r-c-s-inc.com</a>
Judy Johnson (C) (W) PUBLIC UTILITY COMMISSION OF OREGON <a href="mailto:judy.johnson@state.or.us">judy.johnson@state.or.us</a>	Jay Tinker (W) PORTLAND GENERAL ELECTRIC COMPANY <a href="mailto:pge.opuc.filings@pgn.com">pge.opuc.filings@pgn.com</a>
Douglas C. Tingey (W) PORTLAND GENERAL ELECTRIC COMPANY <a href="mailto:doug.tingey@pgn.com">doug.tingey@pgn.com</a>	G. Catriona McCracken (C) (W) CITIZENS UTILITY BOARD OF OREGON <a href="mailto:catriona@oregoncub.org">catriona@oregoncub.org</a>
OPUC Dockets (W) CITIZENS UTILITY BOARD OF OREGON <a href="mailto:dockets@oregoncub.org">dockets@oregoncub.org</a>	Robert Jenks (C) (W) CITIZENS UTILITY BOARD OF OREGON <a href="mailto:bob@oregoncub.org">bob@oregoncub.org</a>
Lisa Rackner (W) MCDOWELL RACKNER & GIBSON PC <a href="mailto:dockets@mcd-law.com">dockets@mcd-law.com</a>	E-Filing NORTHWEST NATURAL <a href="mailto:efiling@nwnatural.com">efiling@nwnatural.com</a>
Mark Thompson (W) NORTHWEST NATURAL <a href="mailto:mark.thompson@nwnatural.com">mark.thompson@nwnatural.com</a>	Johanna Riemenschneider (C) (W) OREGON DEPARTMENT OF JUSTICE <a href="mailto:johanna.riemenschneider@doj.state.or.us">johanna.riemenschneider@doj.state.or.us</a>
Gregory Adams (C) (W) RICHARDSON & O'LEARY <a href="mailto:greg@richardsonandoleary.com">greg@richardsonandoleary.com</a>	Kevin Higgins (C) (W) ENERGY STRATEGICS <a href="mailto:khiggins@energystrat.com">khiggins@energystrat.com</a>
Greg Bass (W) Noble Americas Energy Solutions, LLC <a href="mailto:gbass@noblesolutions.com">gbass@noblesolutions.com</a>	Tommy Brooks (C) (W) CABLE HUSTON BENEDICT HAAGENSEN & LLOYD <a href="mailto:tbrooks@cablehouston.com">tbrooks@cablehouston.com</a>
Chad Stokes (C) (W) CABLE HUSTON BENEDICT HAAGENSEN & LLOYD <a href="mailto:cstokes@cablehouston.com">cstokes@cablehouston.com</a>	Paula Pyron (W) Troutdale Energy Center <a href="mailto:ppyron@cpkinder.com">ppyron@cpkinder.com</a>



Tracy Rutten (C) (W) LEAGUE OF OREGON CITIES <a href="mailto:trutten@orcities.org">trutten@orcities.org</a>	Maja Haium (C) (W) LEAGUE OF OREGON CITIES <a href="mailto:mhaium@orcities.org">mhaium@orcities.org</a>
Sarah Wallace (W) PACIFCORP, DBA PACIFIC POWER <a href="mailto:sarah.wallace@pacificcorp.com">sarah.wallace@pacificcorp.com</a>	Oregon Dockets PACIFCORP, DBA PACIFIC POWER <a href="mailto:oregondocket@pacificcorp.com">oregondocket@pacificcorp.com</a>
Kurt J Boehm (W) (C) BOEHM KURTZ & LOWRY <a href="mailto:kboehm@bkllawfirm.com">kboehm@bkllawfirm.com</a>	Jody Kyler Cohn (W) (C) BOEHM KURTZ & LOWRY <a href="mailto:jkyler@bkllawfirm.com">jkyler@bkllawfirm.com</a>
Nona Soltero (W) FRED MEYER STORES/KROGER <a href="mailto:nona.soltero@fredmeyer.com">nona.soltero@fredmeyer.com</a>	R. Bryce Dalley (W) PACIFIC POWER <a href="mailto:bryce.dalley@pacificcorp.com">bryce.dalley@pacificcorp.com</a>
Nancy Werner (W) (C) BEERY, ELSNER & HAMMOND LLP <a href="mailto:nancy@gov-law.com">nancy@gov-law.com</a>	Andrew Bartlett (W) (C) City of Hillsboro <a href="mailto:andrew.bartlett@hillsboro-oregon.gov">andrew.bartlett@hillsboro-oregon.gov</a>
Benjamin Walters (W) (C) City of Portland <a href="mailto:Ben.walters@portlandoregon.gov">Ben.walters@portlandoregon.gov</a>	David Tooze (W) City of Portland <a href="mailto:david.tooze@portlandoregon.gov">david.tooze@portlandoregon.gov</a>
Samuel Roberts (W) (C) Hutchinson Cox Coons Orr & Sherlock <a href="mailto:sroberts@euegnelaw.com">sroberts@euegnelaw.com</a>	Steve Chriss (W) (C) Wal-Mart, Inc <a href="mailto:stephen.chriss@wal-mart.com">stephen.chriss@wal-mart.com</a>
Carl Fink (W) <a href="mailto:cmfink@blueplanetlaw.com">cmfink@blueplanetlaw.com</a>	Robert Kahn (W) NW & Intermountain Power Producers Coalition <a href="mailto:rkahn@nippc.org">rkahn@nippc.org</a>



Cost of Long-Term Debt

Expected December 31, 2014 - 2014 Test Year  
Updated 07.02.2013

(A)	AWO (B)	Type (C)	Description (D)	Issue Date (E)	Maturity Date (F)	Term (G)	Coupon (H)	Gross Proceeds (I)	DD&E Issue Costs (J)	Call Premium & Unamort. DD&E of Refunded Issue (K)	F/N	Net Proceeds (L) [I - J - K]	Embedded Cost (M)	Net to Gross Rate (N) [L / I]	Face Amount Outstanding (O)	Net Outstanding (P) [N * O]	Face Amount Weight (Q) [O / Total]	Weighted Rate (R) [Q * M]
1	7000000037	Series MTN	9.310% Series	12-Aug-91	11-Aug-21	30	9.310%	\$20,000,000	\$176,577	\$0		\$19,823,423	9.399%	99.117%	\$20,000,000	\$19,823,423	0.904%	0.085%
4	7000000021	Series VI MTN	5.625% Series	4-Aug-03	1-Aug-13	10	0.000%	\$50,000,000	\$0	\$0	2	\$0	0.000%	0.000%	\$0	\$0	0.000%	0.000%
5	7000000022	Series VI MTN	6.750% Series	4-Aug-03	1-Aug-23	20	6.523%	\$50,000,000	\$521,342	\$1,946,809	2	\$47,531,849	6.985%	95.064%	\$50,000,000	\$47,531,849	2.261%	0.158%
6	7000000023	Series VI MTN	6.875% Series	4-Aug-03	1-Aug-33	30	6.648%	\$50,000,000	\$521,342	\$1,946,809	2	\$47,531,849	7.046%	95.064%	\$50,000,000	\$47,531,849	2.261%	0.159%
7	7000000024	FMB	6.310% Series	26-May-06	1-May-36	30	6.310%	\$175,000,000	\$1,270,865	\$6,199,472	3	\$167,529,663	6.640%	95.731%	\$175,000,000	\$167,529,663	7.914%	0.525%
8	7000000025	FMB	6.260% Series	26-May-06	1-May-31	25	6.260%	\$100,000,000	\$723,857	\$4,132,982	3	\$95,143,161	6.662%	95.143%	\$100,000,000	\$95,143,161	4.522%	0.301%
9	7000000433	FMB	5.800% Series	16-May-07	1-Jun-39	32	5.800%	\$170,000,000	\$1,447,420	\$50,969	4	\$168,501,611	5.861%	99.119%	\$170,000,000	\$168,501,611	7.687%	0.451%
10	7000000027	FMB	5.810% Series	19-Sep-07	1-Oct-37	30	5.810%	\$130,000,000	\$1,627,092	\$0		\$128,372,908	5.899%	98.748%	\$130,000,000	\$128,372,908	5.879%	0.347%
11	7000000266	FMB	5.800% Series	12-Dec-07	1-Mar-18	10	5.800%	\$75,000,000	\$637,500	\$0		\$74,362,500	5.912%	99.150%	\$75,000,000	\$74,362,500	3.392%	0.201%
12	7000000267	FMB	4.450% Series	15-Apr-08	1-Apr-13	5	0.000%	\$50,000,000	\$0	\$0	5	\$0	0.000%	0.000%	\$0	\$0	0.000%	0.000%
14	7000000693	FMB	6.800% Series	15-Jan-09	15-Jan-16	7	6.800%	\$67,000,000	\$438,180	\$0		\$66,561,820	6.919%	99.346%	\$67,000,000	\$66,561,820	3.030%	0.210%
15	7000000181	FMB	6.100% Series	13-Apr-09	15-Apr-19	10	6.100%	\$300,000,000	\$2,608,223	\$0	6	\$297,391,777	6.218%	99.131%	\$300,000,000	\$297,391,777	13.566%	0.844%
16	7000000182	FMB	5.430% Series	3-Nov-09	3-May-40	30.5	5.430%	\$150,000,000	\$1,034,283	\$0		\$148,965,717	5.477%	99.310%	\$150,000,000	\$148,965,717	6.783%	0.372%
17	7000010695	FMB	3.460% Series	15-Jan-10	15-Jan-15	5	3.460%	\$70,000,000	\$0	\$0	7	\$70,000,000	3.609%	0.000%	\$0	\$0	0.000%	0.000%
18	7000000185	PCB	Clstrp 98A Fixed	11-Mar-10	1-May-33	23	5.000%	\$97,800,000	\$688,885	\$1,521,911	8	\$95,589,204	5.168%	97.739%	\$97,800,000	\$95,589,204	4.423%	0.229%
19	7000000036	PCB	Brdmn 98A Fixed	11-Mar-10	1-May-33	23	5.000%	\$23,600,000	\$166,234	\$912,065	8	\$22,521,701	5.346%	95.431%	\$23,600,000	\$22,521,701	1.067%	0.057%
20	7000001028	FMB	3.810% Series	15-Jun-10	15-Jun-17	7	3.810%	\$58,000,000	\$351,307	\$0		\$57,648,693	3.910%	99.394%	\$58,000,000	\$57,648,693	2.623%	0.103%
21	2013-1	FMB	4.47% Series	27-Jun-13	15-Jun-44	31	4.470%	\$150,000,000	\$1,121,463	\$0		\$148,878,537	4.515%	99.252%	\$150,000,000	\$148,878,537	6.783%	0.306%
22	2013-2	FMB	4.47% Series	29-Aug-13	14-Aug-43	30	4.470%	\$75,000,000	\$560,731	\$0		\$74,439,269	4.516%	99.252%	\$75,000,000	\$74,439,269	3.392%	0.153%
23	2013-3	FMB	4.74% Series	15-Nov-13	15-Nov-42	29	4.740%	\$105,000,000	\$697,742	\$0		\$104,302,258	4.783%	99.335%	\$105,000,000	\$104,302,258	4.748%	0.227%
24	2013-4	FMB	4.84% Series	16-Dec-13	15-Dec-48	35	4.840%	\$50,000,000	\$332,258	\$0		\$49,667,742	4.880%	99.335%	\$50,000,000	\$49,667,742	2.261%	0.110%
25	2014-1	FMB	2044 Forecast	31-May-14	31-May-44	30	4.428%	\$80,000,000	\$780,000	\$0	9	\$79,220,000	4.488%	99.025%	\$80,000,000	\$79,220,000	3.618%	0.162%
26	2014-2	FMB	2044 Forecast	30-Jun-14	30-Jun-24	10	3.300%	\$90,000,000	\$877,500	\$0	9	\$89,122,500	3.416%	99.025%	\$90,000,000	\$89,122,500	4.070%	0.139%
27	2014-3	FMB	2044 Forecast	31-Aug-14	31-Aug-44	30	4.428%	\$60,000,000	\$585,000	\$0	9	\$59,415,000	4.488%	99.025%	\$60,000,000	\$59,415,000	2.713%	0.122%
28	2014-4	FMB	2044 Forecast	31-Oct-14	31-Oct-44	30	4.428%	\$50,000,000	\$487,500	\$0	9	\$49,512,500	4.488%	99.025%	\$50,000,000	\$49,512,500	2.261%	0.101%
29	2014-5	FMB	2044 Forecast	30-Nov-14	30-Nov-44	30	4.428%	\$85,000,000	\$828,750	\$0	9	\$84,171,250	4.488%	99.025%	\$85,000,000	\$84,171,250	3.844%	0.172%

								\$365,000,000	4.428%									
								4.15%		\$167,007								
Totals								\$2,746,400,000	\$18,484,051	\$16,878,024		\$2,246,037,925			\$2,211,400,000	\$2,176,204,932	100.00%	5.534%
Cost of LT Debt (includes annual expense from loss on reacquired debt)																		5.541%

Losses on Other Reacquired Debt	Issue Date	Mat. Date	Reacquisition Date	Gross Proceeds	Total Gain/Loss to Amortize	2014 Expense
7000000 5.450% Colstrip 98B Fixed PCB due	1-May-03	1-May-33	1-May-09	\$21,000,000	\$411,622	\$17,139
7000000 Trojan 90A Fixed	1-Jul-98	1-Aug-14	15-Jan-11	\$9,600,000	\$63,836	\$10,459
7000000 6.500% Series	15-Jan-09	15-Jan-14	29-Dec-11	\$63,000,000	\$7,448,429	\$139,409
						\$167,007

	2014		
25	4.428%	\$80,000,000	3,542,545
27	3.300%	\$90,000,000	2,970,000
27	4.428%	\$60,000,000	2,656,909
27	4.428%	\$50,000,000	2,214,091
28	4.428%	\$85,000,000	3,763,955
		\$365,000,000	15,147,500
			4.15%

Footnote

1 On 7/1/98, the Trojan variable rates were fixed, although not extended. These bonds were redeemed at par in January 2011. Includes partial-year 2014 amortization of reacquisition cost.

2 \$5.8 million in call premia resulting from acquisition of 9.46% and 7.75% issues was allocated evenly among August 2003 issues (see UE 180, PGE Exhibit 1400, page 3).  
5.625% Series moves to due w/in one-year in August 2012.

3 There was a \$12 million call premium on the 8.125% redeemed issue. A portion was disallowed in UE 180. The remainder is rolled into the new debt and will be paid over the period of the May 2006 issuances.

4 \$5.1 million Trojan 1990B PCBs redeemed early in June 2007. Unamortized loss of \$50,969 was added to the 5.80% series \$170MM issued in May 2007 used to redeem the PCBs.

5 In February 2008, PGE repurchased the 5.279% issue due 04/01/2013. The issue was subsequently reissued on 04/15/2008 at 4.45% for a period of 5 years  
(due on original maturity date of 04/01/2013). Moves to due w/in one-year in April 2012.

6 "DD&E Issue Costs" (column J) was updated to reflect \$222,000 discount to par at issuance.

7 "DD&E Issue Costs" (column J) was updated to reflect actual issuance expenses.

8 PCB issues put-back to PGE in May 2009. PGE re-marketed in March 2010 (due on original maturity date of 05/01/2033).



**Portland General Electric Company**  
**2014 Revenue Requirement**  
**Dollars in \$000s**

	Total Increase:				Rev Req	Percent
					66,634	3.99%
	At Current	GRC Change	Proposed	Non-NVPC	NVPC	Total
	Rates	for RROE	2014	Adjustments	Adjustments	Results
	(1)	(2)	(3)	(5)	(6)	(7)
1 Sales to Consumers	1,670,507	114,767	1,785,274	(41,610)	(11,398)	1,732,265
2 Sales for Resale	-		-	-	-	-
3 Other Revenues	21,396		21,396	749	-	22,145
4 Total Operating Revenues	1,691,903	114,767	1,806,670	(40,861)	(11,398)	1,754,410
5 Net Variable Power Costs	639,194		639,194	-	(10,975)	628,219
6 Production O&M (excludes Trojan)	121,923		121,923	(900)	-	121,023
7 Trojan O&M	60		60	-	-	60
8 Transmission O&M	12,150		12,150	-	-	12,150
9 Distribution O&M	93,824		93,824	-	-	93,824
10 Customer & MBC O&M	72,063		72,063	(7,498)	-	64,565
11 Uncollectibles Expense	8,687	597	9,283	(155)	(57)	8,661
12 OPUC Fees	5,220	359	5,579	(97)	(36)	5,413
13 A&G, Ins/Bene., & Gen. Plant	151,178		151,178	(11,846)	-	139,332
14 Total Operating & Maintenance	1,104,300	955	1,105,255	(20,496)	(11,068)	1,073,248
15 Depreciation	242,918		242,918	(39)	-	242,879
16 Amortization	32,109		32,109	(1,520)	-	30,589
17 Property Tax	50,380		50,380	-	-	50,380
18 Payroll Tax	13,797		13,797	(182)	-	13,615
19 Other Taxes	1,840		1,840	-	-	1,840
20 Franchise Fees	41,782	2,871	44,653	(776)	(285)	43,327
21 Utility Income Tax	25,711	44,197	69,908	(4,892)	(14)	65,003
22 Total Operating Expenses & Taxes	1,512,837	48,023	1,560,860	(27,905)	(11,366)	1,520,881
23 <b>Utility Operating Income</b>	179,065	66,744	245,809	(12,956)	(32)	233,529
			245,809			233,529
24 <b>Average Rate Base</b>						
25 Avg. Gross Plant	7,254,346		7,254,346	(63,732)	-	7,190,614
26 Avg. Accum. Deprec. / Amort	(3,729,761)		(3,729,761)	-	-	(3,729,761)
27 Avg. Accum. Def Tax	(506,558)		(506,558)	-	-	(506,558)
28 Avg. Accum. Def ITC	4		4	-	-	4
29 <b>Avg. Net Utility Plant</b>	3,018,031	-	3,018,031	(63,732)	-	2,954,299
30 Misc. Deferred Debits	46,932		46,932	3,173	-	50,105
31 Operating Materials & Fuel	73,324		73,324	-	-	73,324
32 Misc. Deferred Credits	(74,255)		(74,255)	(5,279)	-	(79,534)
33 Working Cash	60,211	1,911	62,122	(1,033)	(421)	56,273
34 <b>Average Rate Base</b>	3,124,242	1,911	3,126,153	(66,871)	(421)	3,054,466
35 <b>Rate of Return</b>	5.731%		7.863%			7.645%
36 <b>Implied Return on Equity</b>	5.737%		10.000%			9.750%



37 Effective Cost of Debt	5.726%	5.726%	5.726%	5.541%	5.541%	5.541%
38 Effective Cost of Preferred	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%
40 Preferred Share of Cap Structure	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
41 Weighted Cost of Debt	2.863%	2.863%	2.863%	2.771%	2.771%	2.771%
42 Weighted Cost of Preferred	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%
44 State Tax Rate	7.474%	7.474%	7.474%	7.474%	7.474%	7.474%
45 Federal Tax Rate	35.000%	35.000%	35.000%	35.000%	35.000%	35.000%
46 Composite Tax Rate	39.858%	39.858%	39.858%	39.858%	39.858%	39.858%
47 Bad Debt Rate	0.520%	0.520%	0.520%	0.500%	0.500%	0.500%
48 Franchise Fee Rate	2.501%	2.501%	2.501%	2.501%	2.501%	2.501%
49 Working Cash Factor	3.980%	3.980%	3.980%	3.700%	3.700%	3.700%
50 Gross-Up Factor	1.663	1.663	1.663	1.663	1.663	1.663
51 ROE Target	10.000%	10.000%	10.000%	9.750%	9.750%	9.750%
52 Grossed-Up COC	11.177%	11.177%	11.177%	10.876%	10.876%	10.876%
53 OPUC Fee Rate	0.3125%	0.3125%	0.3125%	0.3125%	0.3125%	0.3125%
Utility Income Taxes						
54 Book Revenues	1,691,903	114,767	1,806,670	(40,861)	(11,398)	1,754,410
55 Book Expenses	1,487,126	3,826	1,490,952	(23,721)	(11,353)	1,455,878
56 Interest Deduction	89,447	55	89,502	(1,853)	(12)	84,624
57 Production Deduction	-	-	-	-	-	-
58 Permanent Ms	(17,560)	-	(17,560)	-	-	(17,560)
59 Deferred Ms	21,363	-	21,363	-	-	21,363
60 Taxable Income	111,527	110,886	222,413	(15,288)	(34)	210,105
61 Current State Tax	8,335	8,287	16,622	(1,143)	(3)	15,702
62 State Tax Credits	(3,017)	-	(3,017)	-	-	(3,017)
63 Net State Taxes	5,318	8,287	13,605	(1,143)	(3)	12,685
64 Federal Taxable Income	106,210	102,599	208,809	(14,145)	(32)	197,420
65 Current Federal Tax	37,173	35,910	73,083	(4,951)	(11)	69,097
66 Federal Tax Credits	(25,294)	-	(25,294)	-	-	(25,294)
67 ITC Amort	-	-	-	-	-	-
68 Deferred Taxes	8,515	-	8,515	-	-	8,515
69 Total Income Tax Expense	25,711	44,197	69,908	(6,093)	(14)	65,003
70 Regulated Net Income	89,618	-	156,308	-	-	148,905
71 Check Regulated NI	-	-	156,308	-	-	148,905