



Portland General Electric Company
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PortlandGeneral.com

May 30, 2017

Electronic mail

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Public Utility Commission of Oregon
201 High St SE, Suite 100
PO Box 1088
Salem, OR 97301

RE: LC 66 Errata Filing

Please find enclosed an original and one copy of an Errata to Portland General Electric Company's ("PGE") 2016 Integrated Resource Plan previously filed with the Commission on November 15, 2016. This Errata contains the following revisions:

1. Removal of a statement, made in error, on page 248, Section 9.1.1 of the IRP.
2. Rewording of a potentially ambiguous statement on page 108 of PGE's Reply Comments filed with the Commission on March 31, 2017 in Docket LC 66.
3. Table N-1, page 797 of IRP Appendices: corrected to reflect long-term energy storage capacity expansion. The previous table contained a data query error.
4. Table N-2, page 798 of IRP Appendices: corrected to reflect long-term energy storage capacity expansion. The previous table contained a data query error.
5. Figure N-1, page 798 of IRP Appendices: corrected to reflect long-term energy storage capacity expansion. The previous figure contained a data query error.
6. Table N-3, page 799 of IRP Appendices: corrected to reflect long-term energy storage capacity expansion. The previous table contained a data query error.

This is being filed by electronic mail with the Filing Center. It is also being served on the LC 66 service list via email only.

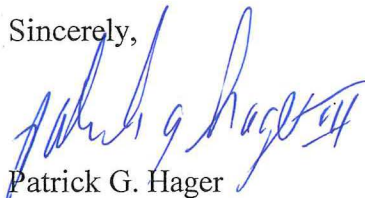
LC 66 PGE 2016 IRP Errata

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If you have any questions, please contact me at (503) 464-7580. Please direct all formal inquiries to the following e-mail address: pge.opuc.filings@pgn.com.

Sincerely,

A handwritten signature in blue ink, appearing to read "Patrick G. Hager". The signature is fluid and cursive, with a large initial "P" and "H".

Patrick G. Hager

Manager, Regulatory Affairs

PGH/sp

encls.

Errata

Strike the following sentence on page 248, Section 9.1.1, fourth paragraph:

“PGE owns and operates 4205 MW of transmission capacity under various contracts.”

Errata

Change the following sentence on page 108 of OPUC Docket LC 66 Reply
Comments:

“Importantly, coal dispatch changes across carbon price futures and is significantly reduced when higher carbon cost futures are simulated.”

To:

“Importantly, coal dispatch changes across carbon price futures, and is significantly reduced when comparing the *Reference CO₂* and *High CO₂* cost futures to the *No CO₂* cost future.

Table N-1

Table N- 1: Resources by state, average annual capacity, MW

	Present	2025	2030	2035	2040	2045	2050	Total Net Additions 2017-'50
Alberta (Canada)	16,108	18,237	20,176	21,893	20,786	21,954	22,728	6,620
Arizona	29,953	33,587	38,197	40,636	40,921	39,799	40,449	10,497
British Columbia (Canada)	16,831	18,742	19,242	20,203	20,190	20,191	20,964	4,134
California	83,492	88,500	97,065	111,006	118,837	119,305	124,885	41,393
Colorado	16,410	18,720	21,316	21,920	24,605	27,626	29,897	13,487
Idaho	5,274	5,843	6,717	7,248	7,339	7,390	7,725	2,451
Montana	6,054	5,645	5,648	5,955	5,942	5,943	5,944	-110
Nevada	7,769	8,423	10,688	11,348	10,970	14,758	21,012	13,243
New Mexico	12,441	13,563	14,492	16,211	16,665	18,016	19,811	7,370
Oregon	16,438	17,928	19,718	21,590	22,232	22,910	22,912	6,474
Utah	8,718	11,052	12,018	13,849	15,831	16,784	18,625	9,907
Washington	31,032	33,293	34,403	35,104	33,600	32,463	32,464	1,432
Wyoming	8,090	10,881	12,631	14,819	16,850	18,883	20,573	12,483
Total	258,610	284,415	312,312	341,783	354,768	366,022	387,992	129,381
- of which PNW	52,745	57,064	60,839	63,942	63,171	62,763	63,102	10,357

Figure N-1

Figure N-1: WECC Resource Mix by Technology, MWh

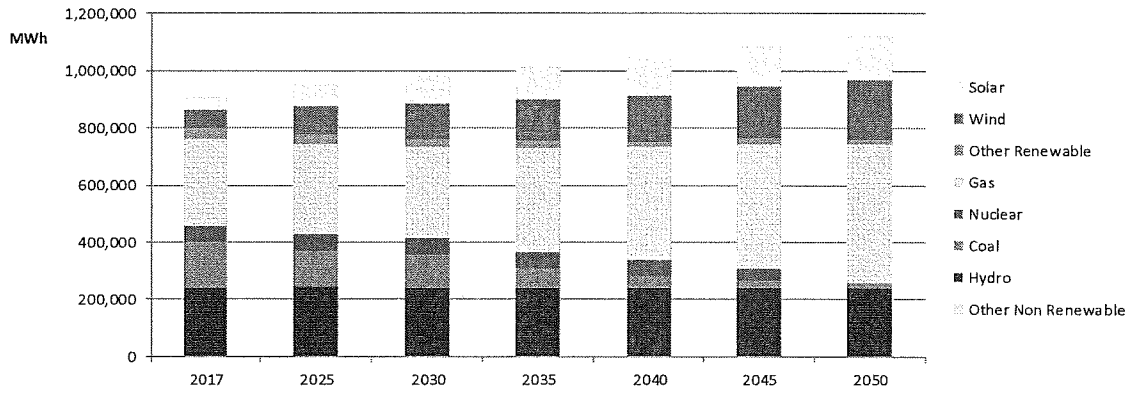


Table N-3

Table N- 3: WECC Net Resource Additions by 2050 by Carbon Policy, Nameplate Capacity, GW

Resource Added	Reference	No CO2 Tax	High CO2 Tax
Hydro&Storage	22.97	17.00	28.25
Gas	35.42	38.12	33.98
Coal	-20.59	-19.09	-22.52
Nuclear	-7.31	-7.31	-7.31
Renewables			0.00
Wind	49.35	26.70	65.94
Solar	48.39	46.94	53.02
Other	1.69	1.69	1.69
Other (F.O. etc.)	0.00	0.00	0.00
Total	129.90	104.04	153.05