

RE 67 e-FILING REPORT COVER SHEET

REPORT NAME: Division 82 Small Generator Interconnection Report

COMPANY NAME: Portland General Electric

DOES REPORT CONTAIN CONFIDENTIAL INFORMATION? No

If known, please select designation: RE (Electric)

Report is required by: OAR 860-082-0065(3)

Is this report associated with a specific docket/case? No

Key words: Division 82 Small Generator Interconnection Report

If known, please select the PUC Section to which the report should be directed:

Electric Rates and Planning



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

May 31, 2016

Public Utility Commission of Oregon  
Attn: Filing Center  
201 High Street, S.E.  
P.O. Box 1088  
Salem, OR 97308-1088

**RE: Division 82 Small Generator Interconnection Report**

Pursuant to OAR 860-082-0065(3), PGE hereby submits the Company's annual report on interconnection activities, including:

- a) The number of complete small generator interconnection applications received;
- b) The number of small generator facility interconnections completed;
- c) The types of small generator facilities applying for interconnection and the nameplate capacity of the facilities;
- d) The location of completed and proposed small generator facilities by zip code;
- e) For each Tier 3 and Tier 4 small generator interconnection approval, the basic telemetry configuration, if applicable; and
- f) For each Tier 4 small generator interconnection approval:
  - (A) The interconnection facilities required to accommodate the interconnection of a small generator facility and the estimated costs of those facilities; and
  - (B) The system upgrades required to accommodate the interconnection of a small generator facility and the estimated costs of those upgrades.

This report is based on end of year 2014 and 2015 information available to the Company.

Should you have any questions or comments regarding this filing, please contact Rob Macfarlane at (503) 464-8954.

Please direct all formal correspondence and requests to the following email address [pge.opuc.filings@pgn.com](mailto:pge.opuc.filings@pgn.com)

Sincerely,

A handwritten signature in black ink that reads "Karla Wenzel". The signature is written in a cursive, flowing style.

Karla Wenzel  
Manager, Pricing & Tariffs

Enclosure

	01/01/14 - 12/31/14	01/01/15 - 12/31/15
<b>Completed Small Generator Interconnection Applications Received:</b>	3	24
<b>Completed Small Generator Facility Interconnections:</b>	1	2
<b>Nameplate Capacity and Prime Mover of Small Generator Applicants:</b>	1) 3 MW Solar PV 2) 15 MW Diesel Generators 3) 447 kW Diesel Engine by way of Dynamometer w/ a regenerative unit.	1 .15 MW Solar PV 2 .26 MW Solar PV 3 .2 MW Solar PV 4 .225 MW Solar PV 5 .113 MW Solar PV 6 .28 MW Solar PV 7 2.4 MW Biogas Synchronous Engine 8 8.1 MW Solar PV 9 2.2 MW Solar PV 10 2.2 MW Solar PV 11 2.2 MW Solar PV 12 2.2 MW Solar PV 13 2.2 MW Solar PV 14 2.2 MW Solar PV 15 2.2 MW Solar PV 16 2.2 MW Solar PV 17 2.2 MW Solar PV 18 2.2 MW Solar PV 19 2.2 MW Solar PV 20 2.2 MW Solar PV 21 2.2 MW Solar PV 22 2.2 MW Solar PV 23 2.2 MW Solar PV
<b>Location of Proposed Small Generator by Zip Code:</b>	1) 97378 2) 97124 3) 97217	1 97206 2 97221 3 97214 4 97203 5 97232 6 97219 7 97070 8 97042 9 97017 10 97009 11 97381 12 97381 13 97022 14 97317 15 97022 16 97347 17 97026 18 97378 19 97317 20 97392 21 97381 22 97392 23 97304
<b>Location of Completed Small Generators by Zip Code:</b>	3) 97217	1 97206 2 97221 3 97214 4 97203 5 97232 6 97219 7 97224 8 97378
<b>Telemetry Configuration for Tier 3 and Tier 4 Approved Interconnection Applications, as applicable:</b>	n/a	
<b>Interconnection Facilities Required for Approved Tier 4 Applications and Estimated Cost:</b>	1) New service connection to PGE radial feeder \$38,468.28 2) n/a 3) n/a	16) New Service connection to PGE \$35,800.00
<b>System Upgrades Required for Approved Tier 4 Applications and Estimated Cost:</b>	1) Substation retrofit to facilitate DG protection scheme. \$83,995.00 2) Substation retrofit to facilitate DG protection scheme. \$222,477.00 (estimated, not completed) 3) n/a	16) Reconductor undersized feeder circuits, substation retrofit to facilitate DG protection scheme \$170,000.00