



## e-FILING REPORT COVER SHEET

COMPANY NAME:

DOES REPORT CONTAIN CONFIDENTIAL INFORMATION?  No  Yes If yes, submit a redacted public version (or a cover letter) by email. Submit the confidential information as directed in OAR 860-001-0070 or the terms of an applicable protective order.

Select report type:  RE (Electric)  RG (Gas)  RW (Water)  RT (Telecommunications)  
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Send confidential information, voluminous reports, or energy utility Results of Operations Reports to PUC Filing Center, PO Box 1088, Salem, OR 97308-1088 or by delivery service to 201 High Street SE Suite 100, Salem, OR 97301.



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

April 16, 2019

***E-Filed only***

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Public Utility Commission of Oregon  
201 High St. SE, Suite 100  
PO Box 1088  
Salem, OR 97308-1088

Attn: Filing Center

**RE: Portland General Electric Company – 2019 Revised New Construction Budget Report 18**

Portland General Electric Company filed its 2019 New Construction Budget Report on March 29, 2019. Attached for filing are Revised Pages 2 and 3 to the RE-18 report. This revised filing is being provided per OAR 860-027-0015 and the 2019 OPUC E-Report Filing requirements. No hardcopy will be submitted.

Should you have any questions, please call Darrington Outama, Manager, Corporate Planning at (503) 464-2919 or Stefan Brown, Manager, Regulatory Affairs, at (503) 464-7805.

Sincerely,

A handwritten signature in blue ink that reads "Stefan Brown for". The signature is written in a cursive, flowing style.

Stefan Brown  
Manager, Regulatory Affairs

Enclosure

cc: Paul Rossow

**INSTRUCTIONS**

1. Report size of major production projects only, and percent ownership, scheduled operating dates, and expenditures required to complete project for major production, transmission, and general plant projects.
2. Major projects are defined as those projects having a total estimated cost to completion exceeding \$10 million.
3. Under "Distribution," report specific line item expenditures for the budget year only. All expenditures for distribution following the budget year should be aggregated for the year and only total distribution expenditures reported for the period.
4. Non-major project expenditures within each category should be aggregated and only the totals reported.
5. Report all expenditures in thousands of dollars.

DESCRIPTION	SIZE	PERCENT OWNERSHIP %	SCHEDULED OPERATING DATE (MO / YR)	EXPENDITURES (B.Y. = BUDGET YEAR; B.Y.+ 1 = THE FIRST YEAR AFTER THE BUDGET YEAR, ETC.)						REQUIRED TO COMPLETE	TOTAL
				PRIOR TO B.Y.	B.Y.	B.Y. + 1	B.Y. + 2	B.Y. + 3	B.Y. + 4		
<b>Major Production Projects:</b>											
Port Westward 2 Construction		100%	Mar-19	281,781	149	0	0	0	0	0	281,930
WSH Structural/Reliability Upgrades		100%	Dec-19	33,510	8,912	0	0	0	0	0	42,422
Hydro Control System Upgrade		100%	Oct-21	10,482	6,571	6,134	2,948	0	0	0	26,136
FY: Repower Faraday Units 1-5		100%	Dec-20	9,763	27,059	29,214	0	0	0	0	66,036
					<b>56,359</b>	<b>58,207</b>	<b>60,138</b>	<b>61,944</b>	<b>63,730</b>	<b>0</b>	<b>300,377</b>
<b>Non-Major Production Projects</b>											
<b>Total Production Projects</b>					<b>99,050</b>	<b>93,555</b>	<b>63,086</b>	<b>61,944</b>	<b>63,730</b>	<b>0</b>	<b>716,901</b>
<b>Major Transmission Projects:</b>											
Horizon Phase II Project		100%	Sep-19	22,959	1,277	0	0	0	0	0	24,235
Round Butte Transmission Upgrades		100%	Oct-20	7,090	790	2,370	0	0	0	0	10,249
Harborton Reliability Project		100%	Jun-21	9,095	17,093	12,790	0	0	0	0	38,978
Blue Lake Phase II		100%	Dec-21	3,703	18,796	12,627	0	0	0	0	35,126
					<b>24,497</b>	<b>25,300</b>	<b>26,140</b>	<b>26,925</b>	<b>27,701</b>	<b>0</b>	<b>130,563</b>
<b>Non-Major Transmission Projects</b>											
<b>Total Transmission Projects</b>					<b>62,453</b>	<b>53,087</b>	<b>26,140</b>	<b>26,925</b>	<b>27,701</b>	<b>0</b>	<b>239,152</b>
<b>Distribution (See Instruction 3):</b>											
Station Equipment					73,971						
Poles, Towers, and Fixtures					29,905						
Overhead Conductors and Devices					48,246						
Underground Conductors and Devices					60,295						
Underground Conduit					1,220						
Line Transformers					9,931						
Services					34,271						
Meters					3,777						
Street Lighting and Signal Systems					7,014						
Other:					3,766						
<b>Total Distribution</b>					<b>272,396</b>						
<b>Major General Plant Projects:</b>											
Field Voice Communications System			Sep-19	23,199	9,745	0	0	0	0	0	32,944

Substation Communication Upgrade		Dec-22	17,023	11,121	1,743	1,861	1,875	0	0	33,623
Integrated Operations Center - IOC		Dec-21	2,116	115	0	0	0	0	0	2,231
Vintage Vehicle Replacement II		Dec-21	11,464	12,483	12,995	13,248	0	0	0	50,190
<b>Non-Major General Plant Projects</b>				<b>101,234</b>	<b>104,554</b>	<b>108,023</b>	<b>111,267</b>	<b>114,474</b>		<b>539,552</b>
<b>Total General Plant Projects</b>			<b>53,802</b>	<b>134,699</b>	<b>119,292</b>	<b>123,131</b>	<b>113,142</b>	<b>114,474</b>	<b>0</b>	<b>658,541</b>
<b>Total New Construction Budget</b>			<b>600,400</b>	<b>568,597</b>	<b>265,935</b>	<b>212,357</b>	<b>202,011</b>	<b>205,905</b>	<b>0</b>	<b>2,055,204</b>

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- 1) Includes cumulative actual expenditures through Budget Year.
- 2) Budget includes costs that were approved at the October 2018 Board of Directors meeting and tie to the approved 2019 Operating Plan & Budget. These budgets are subject to change with future Board of Directors approval. Does not include Integrated Resource Plan projects that have not begun construction.
- 3) Based on 2019 forecast with 2020, 2021, 2022, 2023 trended for inflation by Global Insight Chained Price Index - Public Utilities - Nov 2018 with the exception of Major Projects which forecasts at the time of the time the Operating Plan & Budget was established.
- 4) Major projects often include work defined in multiple Functional Classes (Production, Transmission, General/Intangible). Major Projects listed under each Functional category have the majority of costs in that category. Each section includes only the actual and budgeted dollars with that classification, with the remainder rolled into the "non Major Project" sections of the other functional categories.
- 5) Total does not necessarily equal total project cost as projects are broken by Functional category and exclude AFUDC. Full project costs are listed in the Major Project Narrative document.
- 6) Includes only the non-major projects for the current Budget Year and subsequent four years.
- 7) Includes the 2019 portion of twelve major Distribution projects which are detailed in the Major Project narrative (> \$10 million): Port Westward 2 Construction, WSH Structural/Reliability Upgrades, Hydro Control System Upgrade, FY: Repower Faraday Units 1-5  
Horizon Phase II Project, Round Butte Transmission Upgrades, Harborton Reliability Project, Blue Lake Phase II, Field Voice Communications System, Substation Communication Upgrade, Integrated Operations Center - IOC, Vintage Vehicle Replacement II