



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

February 12, 2019

Public Utility Commission of Oregon
Attn: Filing Center
201 High Street S.E., Suite 100
P.O. Box 1088
Salem, OR 97308-1088

RE: AR 622 – PGE’s Update to Compliance Template

Portland General Electric (PGE) submits the enclosed updated compliance template for filing in Docket No. AR 622.

PGE looks forward to continuing discussion at the rulemaking hearing on February 14, 2019.

Should you have any questions regarding this filing, please contact Colin Wright at (503) 464-8011.

Please direct all formal correspondence and requests to the following email address
pge.opuc.filings@pgn.com.

Respectfully submitted,

PORTLAND GENERAL ELECTRIC COMPANY

A handwritten signature in blue ink that reads "Karla Wenzel". The signature is written in a cursive style and is positioned above a horizontal line.

Karla Wenzel
Manager, Pricing and Tariffs
121 SW Salmon Street, 1WTC0306
Portland, OR 97204

PacifiCorp

		Denominator			Numerator: Oregon projects with REC ownership			Numerator: Oregon projects with and without REC ownership			
		2018	2025	2036	2018	2025	2036	2018	2025	2025 w/o net metered	2036
		MW	MW	MW		305	121		469		156
Demand	Oregon's peak during system peak, plus reserve margin	2,608	2,760	NA		11%	4%		17%		6%
Supply	All Generation Resources	4,247	4,247	NA		7%	3%		11%		4%

Portland General Electric

		Denominator			Numerator: Oregon projects with REC ownership			Numerator: Oregon projects with and without REC ownership			
		2018	2025	2036	2018	2025	2036	2018	2025	2025 w/o net metered	2036
		MW	MW	MW	27	713	158	142	809	741	225
Demand	Peak plus reserve margin	3,939	4,066	4,483	1%	18%	4%	4%	20%	18%	5%
Supply	All Generation Resources	4,960	4,586	3,425	1%	16%	5%	3%	18%	16%	7%

PGE Notes:**Denominator:**

Demand

- 2018 value is the sum of the nameplate rating of PGE's generating resources and long-term power purchase contracts.
- 2025 and 2036 values is the sum of the Cost-of-Service (COS) load from the 2016 IRP Update and the Total Reserve Margin (TRM) values from Table P-1 of the 2016 IRP. The TRM was not calculated for the 2016 IRP Update.

Supply

- 2018 value is PGE's Peak Net System Load plus Operating Reserve Margin for that period.
- 2025 and 2036 values are from the 2016 IRP Update and reflect QFs as of a 1/17/18 snapshot. Thermal, hydro, biomass, geothermal, dispatchable standby generation, and demand response are based on the same accounting methodology as in Table P-1 of the 2016 IRP. Wind and solar are based on the plant capacity (not the methodology used in Table P-1).

Numerator:

All values are based on the 'PGE Eligible Projects List' worksheet.

For QFs:

- Online projects total approximately 47 MW.
- Contracted (but not online) projects total approximately 506 MW.
- Proposed (but not yet contracted) projects total approximately 160 MW.

The approximate aggregate total for Net metering projects is 68 MW.

Oregon projects with REC ownership

- 2018 value includes only the eligible projects online in 2018 and which PGE had rights to the RECs for facility output.
- 2025 value includes only the eligible projects assumed online in 2025 and which PGE anticipates having rights to the RECs for facility output.
- 2036 value includes only the eligible projects assumed online in 2036 and which PGE anticipates having rights to the RECs for facility output. Does not include approximately 106 MW of QF projects with contracts that expire in 2036 and approximately 104 MW of proposed QF projects that do not yet have contracts.

Oregon projects with and without REC ownership

- 2018 value includes all eligible projects online in 2018. Net metering is included.
- 2025 value includes all eligible projects assumed online in 2025. Net metering is included.
- 2025 w/o net metered value includes all eligible projects assumed online in 2025. Net metering is excluded.
- 2036 value includes all eligible projects assumed online in 2036. Net metering is included. Does not include approximately 106 MW of QF projects with contracts that expire in 2036 and approximately 104 MW of proposed QF projects that do not yet have contracts.

Narrative Explanation of PacifiCorp's Data Sources:

PAC's reserve margin = 13%

26.725% is Oregon's SG factor from 2019 TAM <https://edocs.puc.state.or.us/efdocs/UHR/ue339uhr1342.pdf> (page 18)

Peak Demand, 2,443 MW is listed in Table A.2, Oregon's forecasted annual coincident peak load at generation, pre-DSM, in 2025

https://www.pacificorp.com/content/dam/pacificorp/doc/Energy_Sources/Integrated_Resource_Plan/2017_IRP/2017_IRP_VolumeII_2017_IRP_Final.pdf (page 3)

Reserve margin is 13%

Supply Denominator: 4,247 MW is $15,893 * .26725$

15,893 is the sum of:

5,919 MW of Coal

2,734 MW of Gas

1,135 MW of Hydro

127 MW of Hydro purchased

1,164 MW of Solar

2,587 MW of Wind and

2,227 MW of Non-VERs

All of these numbers except the wind and Non-VER are pulled from the tables in Chapter 5 of the 2017 IRP.

The wind and Non-VER numbers are pulled from the Flexible Reserve Study.

https://www.pacificorp.com/content/dam/pacificorp/doc/Energy_Sources/Integrated_Resource_Plan/2017_IRP/2017_IRP_VolumeII_2017_IRP_Final.pdf (page 80 and 134-136)

Appendix F page 80 says the Non-VERs are:

The Non-VER class is a mix of thermal and hydroelectric resources and includes all resources which are not VERs, and which do not provide either contingency or regulation reserve....

The Non-VER class includes third-party resources (OATT or legacy transmission customers); many PacifiCorp-owned resources; and other PacifiCorp-contracted resources, such as qualifying facilities, power purchases, and exchanges

Small Scale Renewable Energy Projects

Facility data collection template to be completed by PGE and Pacific Power

ONLY ELIGIBLE AND ACTIVE PROJECTS AS OF 12/31/2024

⁽¹⁾ REC ownership is not indicative of the RECs ultimate disposition.

⁽²⁾ Only counts projects as eligible if environmental attributes (EA) owned for entire year

⁽³⁾ Oregon 2025 Forecast Factor 26.538%

PACIFICORP

Facility Name	RPS Eligibility	Resource Type (technology)	Capacity (MW) Nameplate	Facility Location (County)	Facility Location (State)	Oregon Share of Capacity (MW) ⁽¹⁾	Operational Date	Resource/contract expiration	PacificCorp Env. Attribute Ownership in 2025/Contracted in 2025	PacificCorp Env. Attribute Ownership in 2036/Contracted in 2036	PacificCorp Env. Attribute Ownership in 2040/Contracted in 2040
**Tooele Army Depot (Wind 1) - 0.39 MW	Y	Wind	1.50	Tooele	UT	0.40	11/7/2016	5/9/2026	N	N	N
**Tooele Army Depot (Wind 2) - 0.44 MW	Y	Wind	1.70	Tooele	UT	0.45	11/7/2016	5/9/2026	N	N	N
Adams Solar Center, LLC	Y	Solar	10.00	Jefferson	OR	2.65	7/27/2018	10/30/2036	Y	N	N
Ashton	Y	Hydro - LHI	6.70	Fremont	ID	1.78	1917	12/31/2027	Y	N	N
Bear Creek Solar Center, LLC	Y	Solar	10.00	Deschutes	OR	2.65	9/28/2018	10/30/2036	Y	N	N
Bell Mountain Hydro LLC (Ted Sorenson)	Y	Hydro	0.28	Butte	ID	0.07	12/1/2009	8/31/2029	N	N	N
Beryl Solar, LLC	Y	Solar	3.00	Iron	UT	0.80	8/24/2015	7/30/2035	N	N	N
Big Fork	Y	Hydro - LHI	4.15	Flathead	MT	1.10	1910	12/31/2053	Y	Y	Y
Big Top LLC (Oregon Windfarms LLC)	Y	Wind	1.65	Morrow	OR	0.44	8/1/2009	1/29/2029	N	N	N
Black Cap Solar	Y	Solar	2.00	Lake	OR	0.53	10/1/2012	9/30/2027	Y	N	N
Blundell II	Y	Geothermal	12.00	Beaver	UT	3.18	11/1/2007	12/31/2037	Y	Y	N
Bly Solar Center, LLC	Y	Solar	8.50	Klamath	OR	2.26	11/16/2018	10/30/2036	Y	N	N
Buckhorn Solar, LLC	Y	Solar	3.00	Iron	UT	0.80	12/23/2015	7/30/2035	N	N	N
Butter Creek Power LLC (Oregon Windfarms LLC)	Y	Wind	4.95	Umatilla	OR	1.31	8/1/2009	1/29/2029	N	N	N
C Drop	Y	Hydro	1.10	Klamath	OR	0.29	5/3/2012	5/2/2027	Y	N	N
Cedar Valley Solar, LLC	Y	Solar	3.00	Iron	UT	0.80	12/7/2015	7/30/2035	N	N	N
Chiloquin Solar, LLC (Saturn Power Corporation)	Y	Solar	9.90	Klamath	OR	2.63	1/26/2018	12/15/2036	Y	N	N
Chopin Wind, LLC	Y	Wind	10.00	Umatilla	OR	2.65	10/1/2016	5/29/2036	N	N	N
City of Astoria	Y	Hydro	0.03	Clatsop	OR	0.01	4/8/2015	12/18/2029	Y	N	N
City of Portland, Portland Water Bureau	Y	Hydro	0.03	Multnomah	OR	0.01	11/1/2012	2/28/2027	N	N	N
Clearwater 1	Y	Hydro - LHI	15.00	Douglas	OR	3.98	1953	12/31/2038	Y	Y	N
Consolidated Irrigation Company / District	Y	Hydro	0.48	Franklin	ID	0.13	9/16/2015	10/26/2035	N	N	N
Cottonwood Hydro Lower (Alta Energy)	Y	Hydro	0.85	Salt Lake	UT	0.23	3/19/2009	12/31/2025	N	N	N
Cottonwood Hydro Upper (Alta Energy)	Y	Hydro	0.26	Salt Lake	UT	0.07	5/15/2012	12/31/2025	N	N	N
Cypress Creek - Merrill Solar	Y	Solar	10.00	Klamath	OR	2.65	6/1/2020	11/17/2031	Y	N	N
Dorena Hydro	Y	Hydro	6.10	Lane	OR	1.62	12/11/2014	11/30/2032	N	N	N
Draper Irrigation Company	Y	Hydro	0.51	Salt Lake	UT	0.14	9/1/2004	2/29/2032	N	N	N
Eagle Point	Y	Hydro - LHI	2.81	Jackson	OR	0.75	1957	12/31/2040	Y	Y	Y
EBD Hydro	Y	Hydro	2.99	Jefferson	OR	0.79	6/11/2015	4/14/2028	N	N	N
Elbe Solar Center, LLC	Y	Solar	10.00	Jefferson	OR	2.65	8/10/2018	10/30/2036	Y	N	N
Farm Power Misty Meadow	Y	Biogas	0.75	Tillamook	OR	0.20	5/6/2013	9/30/2027	Y	N	N
Farmers Irrigation (Copper Dam Plant)	Y	Hydro	4.80	Hood River	OR	1.27	10/1/1985	12/31/2025	Y	Y	N
Fish Creek	Y	Hydro - LHI	11.00	Douglas	OR	2.92	1952	12/31/2038	Y	Y	N
Four Corners Windfarm LLC (Oregon Windfarms LLC)	Y	Wind	10.00	Umatilla	OR	2.65	9/11/2009	6/30/2029	N	N	N
Four Mile Canyon Windfarm LLC (Oregon Windfarms LLC)	Y	Wind	10.00	Morrow	OR	2.65	9/11/2009	6/30/2029	N	N	N
Granite Peak Solar, LLC	Y	Solar	3.00	Beaver	UT	0.80	8/21/2015	10/30/2036	N	N	N
Greenville Solar, LLC	Y	Solar	2.19	Beaver	UT	0.58	10/29/2015	10/30/2036	N	N	N
Hill Air Force Base	Y	Biogas	2.46	Davis	UT	0.65	1/10/2005	1/9/2025	N	N	N
Klamath Falls Solar 1, LLC (Ewauna Solar LLC)	Y	Solar	0.83	Klamath	OR	0.22	7/12/2016	9/29/2035	N	N	N
Klamath Falls Solar 2, LLC (Ewauna Solar 2 LLC)	Y	Solar	2.90	Klamath	OR	0.77	12/16/2017	11/29/2037	Y	Y	N
Laho Solar, LLC	Y	Solar	3.00	Beaver	UT	0.80	7/14/2015	7/30/2035	N	N	N
Mariah Wind	Y	Wind	10.00	Morrow	OR	2.65	3/1/2020	8/31/2030	Y	N	N
Milford Flat Solar, LLC	Y	Solar	3.00	Beaver	UT	0.80	7/23/2015	7/30/2035	N	N	N
Monroe Hydro (Apple)	Y	Hydro	0.30	Jefferson	OR	0.08	6/9/2016	7/30/2035	N	N	N
Norwest Energy 2 LLC (Neff)	Y	Solar	9.90	Deschutes	OR	2.63	12/31/2016	11/17/2031	N	N	N
Norwest Energy 4 LLC (Bonanza)	Y	Solar	4.80	Klamath	OR	1.27	12/31/2018	11/17/2031	N	N	N
Norwest Energy 7 LLC (Eagle Point)	Y	Solar	9.90	Jackson	OR	2.63	12/30/2017	11/17/2031	N	N	N
Norwest Energy 9 LLC (Pendleton)	Y	Solar	6.00	Klamath	OR	1.59	10/3/2018	11/17/2031	Y	N	N
Obsidian Renewables LLC - Black Cap II (BC Solar, LLC)	Y	Solar	8.00	Lake	OR	2.12	11/30/2016	11/30/2036	N	Y	N
Old Mill Solar	Y	Solar	5.00	Klamath	OR	1.33	4/1/2016	1/30/2041	Y	N	Y
OR Solar 2 (Agate Bay Solar)	Y	Solar	10.00	Jackson	OR	2.65	7/10/2019	10/31/2036	Y	N	N
OR Solar 3 (Turkey Hill Solar)	Y	Solar	10.00	Klamath	OR	2.65	12/30/2017	10/31/2036	Y	N	N
OR Solar 5 (Merrill)	Y	Solar	8.00	Klamath	OR	2.12	1/12/2018	10/31/2036	Y	N	N
OR Solar 6 (Lakeview)	Y	Solar	10.00	Lake	OR	2.65	12/28/2017	10/31/2036	Y	N	Y
OR Solar 7 (Jacksonville)	Y	Solar	10.00	Jackson	OR	2.65	12/31/2018	10/31/2036	Y	N	N
OR Solar 8 (Dairy)	Y	Solar	10.00	Klamath	OR	2.65	3/14/2018	10/31/2036	Y	N	N
Orchard Wind Farm 1, LLC	Y	Wind	10.00	Umatilla	OR	2.65	10/1/2020	6/30/2039	Y	Y	N
Orchard Wind Farm 2, LLC	Y	Wind	10.00	Umatilla	OR	2.65	10/1/2020	6/30/2039	Y	Y	N
Orchard Wind Farm 3, LLC	Y	Wind	10.00	Umatilla	OR	2.65	10/1/2020	6/30/2039	Y	Y	N
Orchard Wind Farm 4, LLC	Y	Wind	10.00	Umatilla	OR	2.65	10/1/2020	6/30/2039	Y	Y	N
Oregon Institute of Technology	Y	Geothermal	0.28	Klamath	OR	0.07	4/9/2010	3/17/2030	Y	N	N
Oregon Net Metering	Y	Primarily Solar	34.86	Varies	OR	9.25	Varies	Varies	N	N	N
Oregon Solar Land Holdings (OSLH) - Collier Solar	Y	Solar	9.90	Deschutes	OR	2.63	2/1/2017	11/17/2031	Y	N	N
Oregon Trail Windfarm LLC (Oregon Windfarms LLC)	Y	Wind	9.90	arrow and Umat	OR	2.63	8/1/2009	1/15/2029	N	N	N
Oregon VIR - Schedule 136	Y	Solar	8.82	Varies	OR	2.34	Varies	12/31/2035	Y	N	N
Oregon VIR Schedule 137 - Bourdet	Y	Solar	0.10	Klamath	OR	0.03	2/1/2015	2/1/2030	Y	N	N
Oregon VIR Schedule 137 - Crook County Solar 1	Y	Solar	0.48	Crook	OR	0.13	11/1/2013	11/1/2028	Y	N	N
Oregon VIR Schedule 137 - CTWS	Y	Solar	0.30	Jefferson	OR	0.08	5/1/2014	5/1/2029	Y	N	N
Oregon VIR Schedule 137 - Joseph Community Solar	Y	Solar	0.50	Wallowa	OR	0.13	11/1/2011	11/1/2026	Y	N	N
Oregon VIR Schedule 137 - Obsidian Renewables	Y	Solar	0.50	Lake	OR	0.13	12/1/2013	12/1/2028	Y	N	N

Facility Name	RPS Eligibility	Resource Type (technology)	Capacity (MW Nameplate)	Facility Location (County)	Facility Location (State)	Oregon Share of Capacity (MW) ¹⁾	Operational Date	Resource/contract expiration	PacifiCorp Env. Attribute Ownership in 2025/Contracted in 2025	PacifiCorp Env. Attribute Ownership in 2036/Contracted in 2036	PacifiCorp Env. Attribute Ownership in 2040/Contracted in 2040
Oregon VIR Schedule 137 - Powell Butte	Y	Solar	0.19	Crook	OR	0.05	8/1/2014	8/1/2029	Y	N	N
Oregon VIR Schedule 137 - Solwatt 1	Y	Solar	0.36	Umatilla	OR	0.10	6/1/2012	6/1/2027	Y	N	N
Oregon VIR Schedule 137 - Solwatt 2	Y	Solar	0.20	Umatilla	OR	0.05	7/1/2014	7/1/2029	Y	N	N
Orem Family Wind	Y	Wind	10.00	Morrow	OR	2.65	3/1/2020	8/31/2030	Y	N	N
Pacific Canyon Windfarm LLC (Oregon Windfarms LLC)	Y	Wind	8.25	Morrow	OR	2.19	8/1/2009	1/22/2029	N	N	N
Pavant Solar III LLC	Y	Solar	20.00	Millard	UT	5.31	12/30/2016	12/30/2036	N	N	N
Prospect No. 3	Y	Hydro - LHI	7.20	Jackson	OR	1.91	1932	12/31/2058	Y	Y	Y
RES Ag - Oak Lea	Y	Biogas	0.17	Marion	OR	0.04	5/22/2012	11/30/2026	N	N	N
REUT Origination - Quichapa Solar 1	Y	Solar	3.00	Iron	UT	0.80	12/13/2016	5/29/2036	N	N	N
REUT Origination - Quichapa Solar 2	Y	Solar	3.00	Iron	UT	0.80	12/23/2016	6/29/2036	N	N	N
REUT Origination - Quichapa Solar 3	Y	Solar	3.00	Iron	UT	0.80	12/23/2016	7/28/2036	N	N	N
Roseburg Landfill Gas (Roseburg South Gate)	Y	Biogas	1.60	Douglas	OR	0.42	12/20/2011	4/30/2032	N	N	N
Sage Solar I	Y	Solar	20.00	Lincoln	WY	5.31	10/1/2019	9/30/2039	Y	Y	N
Sage Solar II	Y	Solar	20.00	Lincoln	WY	5.31	10/1/2019	9/30/2039	Y	Y	N
Sage Solar III	Y	Solar	17.60	Lincoln	WY	4.67	10/1/2019	9/30/2039	Y	Y	N
Sand Ranch Windfarm LLC (Oregon Windfarms LLC)	Y	Wind	9.90	Morrow	OR	2.63	1/8/2009	1/15/2029	N	N	N
Seven Mile Hill II	Y	Wind	19.50	Carbon	WY	5.17	2008	1/1/2048	Y	Y	Y
Slide Creek	Y	Hydro - LHI	18.00	Douglas	OR	4.78	1951	12/31/2038	Y	Y	N
Soda	Y	Hydro - LHI	14.00	Caribou	ID	3.72	1924	12/31/2033	Y	N	N
Soda Springs	Y	Hydro - LHI	11.00	Douglas	OR	2.92	1952	12/31/2038	Y	Y	N
Spanish Fork Wind Park 2	Y	Wind	18.90	Utah	UT	5.02	7/31/2008	7/30/2028	N	N	N
St. Anthony	Y	Hydro	0.50	Fremont	ID	0.13	10/11/2014	11/29/2033	Y	N	N
SunEdison DB 18 LLC - South Milford Solar	Y	Solar	2.97	Beaver	UT	0.79	4/1/2015	1/14/2035	N	N	N
SunEdison DB24 LLC (REUT Origination - Milford Solar 2)	Y	Solar	2.97	Beaver	UT	0.79	12/21/2015	10/14/2035	N	N	N
SunEdison Solar XVII Project 1 LLC (REUT Origination - Fiddler's Canyon Solar 1)	Y	Solar	3.00	Iron	UT	0.80	9/22/2015	5/29/2035	N	N	N
SunEdison Solar XVII Project 2 LLC (REUT Origination - Fiddler's Canyon Solar 2)	Y	Solar	3.00	Iron	UT	0.80	9/22/2015	5/29/2035	N	N	N
SunEdison Solar XVII Project 3 LLC (REUT Origination - Fiddler's Canyon Solar 3)	Y	Solar	3.00	Iron	UT	0.80	12/21/2015	10/14/2035	N	N	N
Swalley Irrigation District	Y	Hydro	0.75	Deschutes	OR	0.20	4/23/2010	1/3/2030	Y	N	N
Three Sisters Irrigation District (Watson Hydro)	Y	Hydro	0.20	Deschutes	OR	0.05	5/1/2014	9/14/2038	Y	Y	N
Three Sisters Irrigation District (Watson Micro Hydro)	Y	Hydro	0.70	Deschutes	OR	0.19	11/15/2018	4/30/2029	Y	N	N
Threemile Canyon Wind I LLC	Y	Wind	9.90	Morrow	OR	2.63	9/1/2009	8/31/2029	N	N	N
Tumbleweed Solar, LLC (Saturn Power Corporation)	Y	Solar	9.90	Deschutes	OR	2.63	12/28/2017	12/15/2036	Y	N	N
Wagon Trail LLC (Oregon Windfarms LLC)	Y	Wind	3.30	Morrow	OR	0.88	9/1/2009	1/29/2029	N	N	N
Ward Butte Windfarm LLC (Oregon Windfarms LLC)	Y	Wind	6.60	Umatilla	OR	1.75	9/1/2009	1/15/2029	N	N	N
Woodline Solar LLC	Y	Solar	8.00	Klamath	OR	2.12	12/28/2017	11/29/2037	Y	Y	N

ETO Funded Projects - REC entitlement varies by project; does not guarantee REC ownership for entire contract

Projects not yet online

Includes projects for which PAC has REC entitlement but REC may be situs to a particular state for the RPS

Only includes projects active as of 12/31/2024

Small Scale Renewable Energy Projects

Facility data collection template to be completed by PGE and Pacific Power

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⁽³⁾ Oregon 2025 Forecast Factor 26.538%

PACIFICORP

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Adams Solar Center, LLC	Y	Solar	10.00	Jefferson	OR	2.65	7/27/2018	10/30/2036	Y	N	N
Bear Creek Solar Center, LLC	Y	Solar	10.00	Deschutes	OR	2.65	9/28/2018	10/30/2036	Y	N	N
Big Top LLC (Oregon Windfarms LLC)	Y	Wind	1.65	Morrow	OR	0.44	8/1/2009	1/29/2029	N	N	N
Black Cap Solar	Y	Solar	2.00	Lake	OR	0.53	10/1/2012	9/30/2027	Y	N	N
Bly Solar Center, LLC	Y	Solar	8.50	Klamath	OR	2.26	11/16/2018	10/30/2036	Y	N	N
Butter Creek Power LLC (Oregon Windfarms LLC)	Y	Wind	4.95	Umatilla	OR	1.31	8/1/2009	1/29/2029	N	N	N
C Drop	Y	Hydro	1.10	Klamath	OR	0.29	5/3/2012	5/2/2027	Y	N	N
Chiloquin Solar, LLC (Saturn Power Corporation)	Y	Solar	9.90	Klamath	OR	2.63	1/26/2018	12/15/2036	Y	N	N
Chopin Wind, LLC	Y	Wind	10.00	Umatilla	OR	2.65	10/1/2016	5/29/2036	N	N	N
City of Astoria	Y	Hydro	0.03	Clatsop	OR	0.01	4/8/2015	12/18/2029	Y	N	N
City of Portland, Portland Water Bureau	Y	Hydro	0.03	Multnomah	OR	0.01	11/1/2012	2/28/2027	N	N	N
Clearwater 1	Y	Hydro - LHI	15.00	Douglas	OR	3.98	1953	12/31/2038	Y	Y	N
Cypress Creek - Merrill Solar	Y	Solar	10.00	Klamath	OR	2.65	6/1/2020	11/17/2031	Y	N	N
Dorena Hydro	Y	Hydro	6.10	Lane	OR	1.62	12/11/2014	11/30/2032	N	N	N
Eagle Point	Y	Hydro - LHI	2.81	Jackson	OR	0.75	1957	12/31/2040	Y	Y	Y
EBD Hydro	Y	Hydro	2.99	Jefferson	OR	0.79	6/11/2015	4/14/2028	N	N	N
Elbe Solar Center, LLC	Y	Solar	10.00	Jefferson	OR	2.65	8/10/2018	10/30/2036	Y	N	N
Farm Power Misty Meadow	Y	Biogas	0.75	Tillamook	OR	0.20	5/6/2013	9/30/2027	Y	N	N
Farmers Irrigation (Copper Dam Plant)	Y	Hydro	4.80	Hood River	OR	1.27	10/1/1985	12/31/2025	Y	N	N
Fish Creek	Y	Hydro - LHI	11.00	Douglas	OR	2.92	1952	12/31/2038	Y	Y	N
Four Corners Windfarm LLC (Oregon Windfarms LLC)	Y	Wind	10.00	Umatilla	OR	2.65	9/11/2009	6/30/2029	N	N	N
Four Mile Canyon Windfarm LLC (Oregon Windfarms LLC)	Y	Wind	10.00	Morrow	OR	2.65	9/11/2009	6/30/2029	N	N	N
Klamath Falls Solar 1, LLC (Ewauna Solar LLC)	Y	Solar	0.83	Klamath	OR	0.22	7/12/2016	9/29/2035	N	N	N
Klamath Falls Solar 2, LLC (Ewauna Solar 2 LLC)	Y	Solar	2.90	Klamath	OR	0.77	12/16/2017	11/29/2037	Y	Y	N
Mariah Wind	Y	Wind	10.00	Morrow	OR	2.65	3/1/2020	8/31/2030	Y	N	N
Monroe Hydro (Apple)	Y	Hydro	0.30	Jefferson	OR	0.08	6/9/2016	7/30/2035	N	N	N
Norwest Energy 2 LLC (Neff)	Y	Solar	9.90	Deschutes	OR	2.63	12/31/2016	11/17/2031	N	N	N
Norwest Energy 4 LLC (Bonanza)	Y	Solar	4.80	Klamath	OR	1.27	12/31/2018	11/17/2031	N	N	N
Norwest Energy 7 LLC (Eagle Point)	Y	Solar	9.90	Jackson	OR	2.63	12/30/2017	11/17/2031	N	N	N
Norwest Energy 9 LLC (Pendleton)	Y	Solar	6.00	Klamath	OR	1.59	10/3/2018	11/17/2031	Y	N	N
Obsidian Renewables LLC - Black Cap II (BC Solar, LLC)	Y	Solar	8.00	Lake	OR	2.12	11/30/2016	11/30/2036	N	N	N
Old Mill Solar	Y	Solar	5.00	Klamath	OR	1.33	4/1/2016	1/30/2041	Y	Y	Y
OR Solar 2 (Agate Bay Solar)	Y	Solar	10.00	Jackson	OR	2.65	7/10/2019	10/31/2036	Y	N	N
OR Solar 3 (Turkey Hill Solar)	Y	Solar	10.00	Klamath	OR	2.65	12/30/2017	10/31/2036	Y	N	N
OR Solar 5 (Merrill)	Y	Solar	8.00	Klamath	OR	2.12	1/12/2018	10/31/2036	Y	N	N
OR Solar 6 (Lakeview)	Y	Solar	10.00	Lake	OR	2.65	12/28/2017	10/31/2036	Y	N	N
OR Solar 7 (Jacksonville)	Y	Solar	10.00	Jackson	OR	2.65	12/31/2018	10/31/2036	Y	N	N
OR Solar 8 (Dairy)	Y	Solar	10.00	Klamath	OR	2.65	3/14/2018	10/31/2036	Y	N	N
Orchard Wind Farm 1, LLC	Y	Wind	10.00	Umatilla	OR	2.65	10/1/2020	6/30/2039	Y	Y	N
Orchard Wind Farm 2, LLC	Y	Wind	10.00	Umatilla	OR	2.65	10/1/2020	6/30/2039	Y	Y	N
Orchard Wind Farm 3, LLC	Y	Wind	10.00	Umatilla	OR	2.65	10/1/2020	6/30/2039	Y	Y	N
Orchard Wind Farm 4, LLC	Y	Wind	10.00	Umatilla	OR	2.65	10/1/2020	6/30/2039	Y	Y	N
Oregon Institute of Technology	Y	Geothermal	0.28	Klamath	OR	0.07	4/9/2010	3/17/2030	Y	N	N
Oregon Net Metering	Y	Primarily Solar	34.86	Varies	OR	9.25	Varies	Varies	N	N	N
Oregon Solar Land Holdings (OSLH) - Collier Solar	Y	Solar	9.90	Deschutes	OR	2.63	2/1/2017	11/17/2031	Y	N	N
Oregon Trail Windfarm LLC (Oregon Windfarms LLC)	Y	Wind	9.90	Morrow and Umatilla	OR	2.63	8/1/2009	1/15/2029	N	N	N
Oregon VIR - Schedule 136	Y	Solar	8.82	Varies	OR	2.34	Varies	12/31/2035	Y	N	N
Oregon VIR Schedule 137 - Bourdet	Y	Solar	0.10	Klamath	OR	0.03	2/1/2015	2/1/2030	Y	N	N
Oregon VIR Schedule 137 - Crook County Solar 1	Y	Solar	0.48	Crook	OR	0.13	11/1/2013	11/1/2028	Y	N	N
Oregon VIR Schedule 137 - CTWS	Y	Solar	0.30	Jefferson	OR	0.08	5/1/2014	5/1/2029	Y	N	N
Oregon VIR Schedule 137 - Joseph Community Solar	Y	Solar	0.50	Wallowa	OR	0.13	11/1/2011	11/1/2026	Y	N	N
Oregon VIR Schedule 137 - Obsidian Renewables	Y	Solar	0.50	Lake	OR	0.13	12/1/2013	12/1/2028	Y	N	N
Oregon VIR Schedule 137 - Powell Butte	Y	Solar	0.19	Crook	OR	0.05	8/1/2014	8/1/2029	Y	N	N
Oregon VIR Schedule 137 - Solwatt 1	Y	Solar	0.36	Umatilla	OR	0.10	6/1/2012	6/1/2027	Y	N	N
Oregon VIR Schedule 137 - Solwatt 2	Y	Solar	0.20	Umatilla	OR	0.05	7/1/2014	7/1/2029	Y	N	N
Orem Family Wind	Y	Wind	10.00	Morrow	OR	2.65	3/1/2020	8/31/2030	Y	N	N
Pacific Canyon Windfarm LLC (Oregon Windfarms LLC)	Y	Wind	8.25	Morrow	OR	2.19	8/1/2009	1/22/2029	N	N	N
Prospect No. 3	Y	Hydro - LHI	7.20	Jackson	OR	1.91	1932	12/31/2058	Y	Y	Y
RES Ag - Oak Lea	Y	Biogas	0.17	Marion	OR	0.04	5/22/2012	11/30/2026	N	N	N
Roseburg Landfill Gas (Roseburg South Gate)	Y	Biogas	1.60	Douglas	OR	0.42	12/20/2011	4/30/2032	N	N	N
Sand Ranch Windfarm LLC (Oregon Windfarms LLC)	Y	Wind	9.90	Morrow	OR	2.63	1/8/2009	1/15/2029	N	N	N
Slide Creek	Y	Hydro - LHI	18.00	Douglas	OR	4.78	1951	12/31/2038	Y	Y	N
Soda Springs	Y	Hydro - LHI	11.00	Douglas	OR	2.92	1952	12/31/2038	Y	Y	N
Swalley Irrigation District	Y	Hydro	0.75	Deschutes	OR	0.20	4/23/2010	1/3/2030	Y	N	N
Three Sisters Irrigation District (Watson Hydro)	Y	Hydro	0.20	Deschutes	OR	0.05	5/1/2014	9/14/2038	Y	Y	N
Three Sisters Irrigation District (Watson Micro Hydro)	Y	Hydro	0.70	Deschutes	OR	0.19	11/15/2018	4/30/2029	Y	N	N
Threemile Canyon Wind I LLC	Y	Wind	9.90	Morrow	OR	2.63	9/1/2009	8/31/2029	N	N	N
Tumbleweed Solar, LLC (Saturn Power Corporation)	Y	Solar	9.90	Deschutes	OR	2.63	12/28/2017	12/15/2036	Y	N	N
Wagon Trail LLC (Oregon Windfarms LLC)	Y	Wind	3.30	Morrow	OR	0.88	9/1/2009	1/29/2029	N	N	N
Ward Butte Windfarm LLC (Oregon Windfarms LLC)	Y	Wind	6.60	Umatilla	OR	1.75	9/1/2009	1/15/2029	N	N	N

Facility Name	RPS Eligibility	Resource Type (technology)	Capacity (MW Nameplate)	Facility Location (County)	Facility Location (State)	Oregon Share of Capacity (MW) ⁽¹⁾	Operational Date	Resource/contract expiration	PacifiCorp Env. Attribute Ownership in 2025/Contracted in 2025	PacifiCorp Env. Attribute Ownership in 2036/Contracted in 2036	PacifiCorp Env. Attribute Ownership in 2040/Contracted in 2040
Woodline Solar LLC	Y	Solar	8.00	Klamath	OR	2.12	12/28/2017	11/29/2037	Y	Y	N

ETO Funded Projects - REC entitlement varies by project; does not guarantee REC ownership for entire contract

Projects not yet online

Includes projects for which PAC has REC entitlement but REC may be situs to a particular state for the RPS

Only includes projects active as of 12/31/2024

The QFs contained in this dataset include solely contracted and operational QFs under 20 MW as of December 12, 2018.

Facility Name	Resource Type (Technology)	Facility Location (County)	Facility Location (State)	Online Date	Utility Receiving RECs During 2018	Utility Receiving RECs During 2025	Utility Receiving RECs During 2030	Utility Receiving RECs During 2036	Start of Deficiency Period	Average Annual Output (MWh)	AC Rating (MW)	Status	Type	On/Off System	Contract Execution Date	Proposed Online Date
Starbuck Properties	Solar	Marion	OR	1/1/2011	No	No	No	No	NA	28	0.03	Online	QF	On	11/2/2010	
Q1 Solar 3	Solar	Sherman	OR		No	No	No	No	1/1/2020	2529	10.00	Contracted	QF	Off	1/25/2016	12/30/2018
Boring Solar	Solar	Clackamas	OR		No	Yes	Yes	Yes	Partial	2106	2.20	Contracted	QF	On	1/25/2016	1/21/2019
Balston Solar	Solar	Yamhill	OR		No	Yes	Yes	Partial	1/1/2020	2273	2.20	Contracted	QF	On	5/27/2016	8/31/2018
O'neil Creek Solar	Solar	Washington	OR		No	Yes	Yes	Partial	1/1/2020	2147	2.20	Contracted	QF	On	6/10/2016	3/24/2019
Williamina Mill Solar	Solar	Polk	OR		No	Yes	Yes	Partial	1/1/2020	2273	2.20	Contracted	QF	On	6/21/2016	6/12/2019
Palmer Solar	Solar	Yamhill	OR		No	Yes	Yes	Partial	1/1/2020	2243	2.20	Contracted	QF	On	6/21/2016	6/20/2018
Rafael Solar	Solar	Marion	OR		No	Yes	Yes	Partial	1/1/2020	2178	2.20	Contracted	QF	On	6/21/2016	6/30/2018
Case Creek Solar	Solar	Marion	OR		No	Yes	Yes	Partial	1/1/2020	2443	2.20	Contracted	QF	On	6/22/2016	6/30/2018
Lubist Solar	Solar	Clackamas	OR		No	Yes	Yes	Partial	1/1/2020	2290	2.20	Contracted	QF	On	12/1/2016	8/31/2018
Day Hill Solar	Solar	Clackamas	OR		No	Yes	Yes	Partial	1/1/2020	2161	2.20	Contracted	QF	On	7/14/2016	
Kale Patch Solar	Solar	Marion	OR		No	Yes	Yes	Yes	1/1/2020	2290	2.20	Contracted	QF	On	5/10/2017	6/30/2018
Eola Solar	Solar	Yamhill	OR		No	Yes	Yes	Yes	1/1/2025	3432	2.20	Contracted	QF	On	1/29/2018	1/31/2020
Dryland Solar	Solar	Clackamas	OR		No	Yes	Yes	Yes	1/1/2025	4448	2.50	Contracted	QF	On	4/19/2018	12/1/2019
Cosper Creek Solar	Solar	Polk	OR		No	Yes	Yes	Yes	1/1/2025	4463	2.50	Contracted	QF	On	4/19/2018	12/1/2019
Sesqui-C Solar	Solar	Yamhill	OR		No	Yes	Yes	Yes	1/1/2025	3490	2.50	Contracted	QF	On	11/29/2018	10/31/2020
Radio Solar	Solar	Clackamas	OR		No	Yes	Yes	Yes	1/1/2025	3327	2.50	Contracted	QF	On	11/29/2018	12/31/2020
Buckner Creek Solar	Solar	Clackamas	OR		No	Yes	Yes	Yes	1/1/2025	3841	2.50	Contracted	QF	On	11/29/2018	12/1/2020
Durin Rd Solar	Solar	Clackamas	OR		No	Yes	Yes	Yes	1/1/2025	2915	1.85	Contracted	QF	On	4/19/2018	10/31/2019
Gun Club Solar	Solar	Yamhill	OR		No	Yes	Yes	Yes	1/1/2025	4246	2.50	Contracted	QF	On	5/8/2018	
Cow Creek Solar	Solar	Polk	OR		No	Yes	Yes	Yes	1/1/2025	3124	1.75	Contracted	QF	On	6/4/2018	2/1/2020
Zena Solar	Solar	Polk	OR		No	Yes	Yes	Yes	1/1/2025	4448	2.50	Contracted	QF	On	6/4/2018	12/1/2019
Williams Acre Solar	Solar	Marion	OR		No	Yes	Yes	Yes	1/1/2025	4448	2.50	Contracted	QF	On	6/4/2018	12/1/2019
Carnes Creek Solar	Solar	Marion	OR		No	Yes	Yes	Yes	1/1/2025	4494	2.50	Contracted	QF	On	8/31/2018	11/1/2020
Covanta Marion	Biomass	Marion	OR		No	Yes	Yes	Yes	1/1/2025	97236	13.10	Contracted	QF	On	6/19/2018	10/1/2019
Brightwood Solar	Solar	Clackamas	OR		No	Yes	Yes	Yes	1/1/2020	17917	10.00	Contracted	QF	On	3/1/2017	12/31/2019
Townsend Solar	Solar	Yamhill	OR		No	Yes	Yes	Yes	1/1/2025	3917	2.25	Contracted	QF	On	6/4/2018	9/30/2019
Ashcroft Solar	Solar	Polk	OR		No	Yes	Yes	Yes	1/1/2025	4601	2.25	Contracted	QF	On	6/4/2018	9/30/2019
Domaine Drouhin	Solar	Yamhill	OR	4/5/2013	No	No	No	NA	0	0.09	Online	QF	On	4/5/2013		
Energy Partners I	Biomass	Tillamook	OR		No	Yes	Partial	1/1/2020	74393	10.00	Contracted	QF	Off	6/21/2016	6/1/2019	
Energy Partners II	Biomass	Lake	OR		No	Yes	Partial	1/1/2020	74393	10.00	Contracted	QF	Off	6/21/2016	6/1/2019	
Evergreen BioPower	Biomass	Lane	OR	2/1/2018	No	Yes	Yes	Partial	1/1/2020	45245	10.00	Contracted	QF	Off	6/21/2016	6/1/2019
JC Biomethane	Biogas	Lane	OR	9/26/2018	No	NA	NA	NA	12250	1.60	Online	QF	Off	12/9/2011		
Kaiser Creek Solar	Solar	Clackamas	OR		No	Yes	Yes	Yes	1/1/2025	4059	2.00	Contracted	QF	On	6/4/2018	12/1/2019
Parrott Creek Solar	Solar	Clackamas	OR		No	Yes	Yes	Yes	1/1/2025	4074	2.00	Contracted	QF	On	6/28/2018	12/1/2019
Ridgeway Solar	Solar	Polk	OR		No	Yes	Yes	Yes	1/1/2025	5149	2.50	Contracted	QF	On	5/4/2018	
Liberal Solar	Solar	Clackamas	OR		No	Yes	Yes	No	1/1/2025	17361	10.00	Contracted	QF	On	12/27/2017	10/31/2020
Delaney Solar	Solar	Marion	OR		No	Yes	Yes	No	1/1/2025	4703	2.50	Contracted	QF	On	12/27/2017	10/31/2020
Eagle Creek Solar	Solar	Clackamas	OR		No	Yes	Yes	Yes	1/1/2025	9092	5.00	Contracted	QF	On	12/27/2017	10/31/2020
Clackamas Solar	Solar	Clackamas	OR		No	Yes	Yes	No	1/1/2025	4911	2.20	Contracted	QF	On	2/7/2018	
Minikahda Hydropower Co.	Hydro	Clackamas	OR	2/14/2014	No	NA	NA	NA	254	0.20	Online	QF	On	2/14/2014		
St Louis Solar	Solar	Marion	OR		No	Yes	Yes	Partial	1/1/2020	2178	2.20	Contracted	QF	On	6/10/2016	3/31/2018
Thomas Creek Solar	Solar	Clackamas	OR		No	Yes	Yes	Yes	1/1/2020	2294	2.20	Contracted	QF	On	5/31/2017	4/30/2018
Tickle Creek Solar	Solar	Clackamas	OR		No	Yes	Yes	Yes	1/1/2020	1782	1.85	Contracted	QF	On	8/23/2017	3/31/2018
Vulcano Solar	Solar	Marion	OR		No	Yes	Yes	Yes	1/1/2020	731	0.75	Contracted	QF	On	10/18/2017	
Tygh Valley Solar	Solar	Wasco	OR		No	Yes	Yes	No	1/1/2020	18500	10.00	Contracted	QF	Off	1/25/2016	1/25/2019
Starvation Solar	Solar	Harney	OR		No	Yes	Yes	No	1/1/2020	19200	10.00	Contracted	QF	Off	1/25/2016	1/25/2019
Wayler Solar I	Solar	Yamhill	OR		No	Yes	Yes	No	1/1/2020	16000	10.00	Contracted	QF	On	1/25/2016	1/25/2019
Wasco Solar I	Solar	Wasco	OR		No	Yes	Yes	No	1/1/2020	18500	10.00	Contracted	QF	Off	1/25/2016	1/25/2019
Fort Rock Solar I	Solar	Lake	OR		No	Yes	Yes	No	1/1/2020	19200	10.00	Contracted	QF	Off	4/27/2016	4/27/2019
Fort Rock Solar II	Solar	Lake	OR		No	Yes	Yes	No	1/1/2020	19200	10.00	Contracted	QF	Off	4/27/2016	4/27/2019
Harney Solar	Solar	Umatilla	OR		No	Yes	Yes	No	1/1/2020	19200	10.00	Contracted	QF	Off	6/22/2016	6/22/2019
Fort Rock Solar IV	Solar	Lake	OR		No	Yes	Yes	No	1/1/2020	20000	10.00	Contracted	QF	Off	6/26/2016	6/26/2019
Riley Solar	Solar	Harney	OR		No	Yes	Yes	No	1/1/2020	20000	10.00	Contracted	QF	Off	6/27/2016	6/27/2019
Alfalfa Solar	Solar	Deschutes	OR		No	Yes	Yes	No	1/1/2020	20000	10.00	Contracted	QF	Off	6/26/2016	6/26/2019
Steel Bridge Solar	Solar	Polk	OR	2/18/2016	No	No	NA	NA	3629	2.50	Online	QF	On	2/19/2014		
Evermont Solar	Solar	Lake	OR		No	Yes	Yes	Partial	1/1/2020	16754	10.00	Contracted	QF	Off	6/11/2013	4/1/2018
Fossil Lake	Solar	Lake	OR		No	Yes	Yes	No	1/1/2020	22365	10.00	Contracted	QF	Off	4/29/2015	11/30/2017
Lakeview	Solar	Lake	OR		No	Yes	Yes	No	1/1/2020	24625	10.00	Contracted	QF	Off	7/15/2015	5/1/2018
OM Power 1	Geothermal	Klamath	OR		No	Yes	Yes	Partial	1/1/2020	7289	10.00	Contracted	QF	Off	6/21/2016	6/1/2020
QE Solar 5	Solar	Umatilla	OR		No	Yes	Yes	No	1/1/2020	21940	10.00	Contracted	QF	Off	6/26/2016	6/26/2019
QE Solar 6	Solar	Umatilla	OR		No	Yes	Yes	No	1/1/2020	21940	10.00	Contracted	QF	Off	6/15/2017	6/30/2019
Butler Solar	Solar	Yamhill	OR		No	Yes	Yes	Partial	1/1/2020	8180	4.00	Contracted	QF	On	1/25/2016	12/31/2019
Amity Solar	Solar	Yamhill	OR		No	Yes	Yes	Partial	1/1/2020	8180	4.00	Contracted	QF	On	5/20/2016	12/31/2019
Firewood Solar	Solar	Clackamas	OR		No	Yes	Yes	Partial	1/1/2020	20338	10.00	Contracted	QF	On	5/20/2016	12/31/2019
Stringtown Solar	Solar	Washington	OR		No	Yes	Yes	Partial	1/1/2020	8296	4.00	Contracted	QF	On	5/20/2016	12/31/2019
Bridgeport Solar	Solar	Polk	OR		No	Yes	Yes	Partial	1/1/2020	14563	7.00	Contracted	QF	On	5/20/2016	12/31/2019
Starlight Solar	Solar	Washington	OR		No	Yes	Yes	Partial	1/1/2020	8300	4.00	Contracted	QF	On	5/20/2016	12/31/2019
Doux Solar	Solar	Clackamas	OR		No	Yes	Yes	Partial	1/1/2020	16800	10.00	Contracted	QF	On	5/20/2016	12/31/2019
PaTu Wind	Wind	Sherman	OR	12/1/2010	No	No	NA	NA	26000	9.00	Online	QF	Off	4/29/2010		
NorWest Energy 14	Solar	Polk	OR	2/8/2018	No	Yes	Yes	No	1/1/2020	2998	2.20	Online	QF	On	7/28/2015	
SP Solar 1	Solar	Marion	OR	2/8/2018	No	Yes	Yes	No	1/1/2020	3028	2.20	Online	QF	On	7/28/2015	
SP Solar 2	Solar	Clackamas	OR		No	Yes	Yes	No	1/1/2020	3028	2.20	Contracted	QF	On	7/28/2015	12/31/2017
SP Solar 5	Solar	Yamhill	OR	2/8/2018	No	Yes	Yes	No	1/1/2020	2998	2.20	Online	QF	On	7/28/2015	
SP Solar 6	Solar	Clackamas	OR	8/21/2018	No	Yes	Yes	No	1/1/2020	3028	2.20	Online	QF	On	7/28/2015	
SP Solar 7	Solar	Yamhill	OR	6/30/2018	No	Yes	Yes	No	1/1/2020	3028	2.20	Online	QF	On	7/28/2015	
SP Solar 8	Solar	Polk	OR	2/8/2018	No	Yes	Yes	No	1/1/2020	3028	2.20	Online	QF	On	7/28/2015	
Sheep Solar	Solar	Marion	OR		No	Yes	Yes	Partial								

Ashfield Solar	Solar	Marion	OR		No	Yes	Yes	No	1/1/2025	4718		3.00	Contracted	QF	On	4/19/2018	12/2/2019
SulusSolar6	Solar	Marion	OR		No	Yes	Yes	No	1/1/2025	4732		3.00	Contracted	QF	On	4/19/2018	12/2/2019
Fairway Solar	Solar	Polk	OR		No	Yes	Yes	No	1/1/2025	4711		3.00	Contracted	QF	On	4/19/2018	12/2/2019
Milford Solar	Solar	Washington	OR		Yes	Yes	Yes	No	1/1/2025	4332		2.97	Contracted	QF	On	4/19/2018	12/2/2019
Black Forest Solar	Solar	Yamhill	OR		No	Yes	Yes	No	1/1/2025	1827		1.26	Contracted	QF	On	4/19/2018	12/2/2019
Kensington Solar	Solar	Washington	OR		No	Yes	Yes	No	1/1/2025	1382		0.99	Contracted	QF	On	5/8/2018	12/2/2019
Greenpark Solar	Solar	Marion	OR		No	Yes	Yes	No	1/1/2025	1875		1.26	Contracted	QF	On	5/8/2018	12/2/2019
Kerry Solar	Solar	Marion	OR		No	Yes	Yes	No	1/1/2025	4683		2.97	Contracted	QF	On	5/8/2018	12/2/2019
SulusSolar9	Solar	Clackamas	OR		No	Yes	Yes	Yes	1/1/2025	5210		2.97	Contracted	QF	On	8/31/2018	7/2/2021
Galwick Solar	Solar	Clackamas	OR		No	Yes	Yes	Yes	1/1/2025	5049		2.97	Contracted	QF	On	8/31/2018	7/2/2021
Albion Solar	Solar	Clackamas	OR		No	Yes	Yes	Yes	1/1/2025	1962		1.26	Contracted	QF	On	8/31/2018	7/2/2021
Manchester Solar	Solar	Yamhill	OR		No	Yes	Yes	Yes	1/1/2025	3171		1.80	Contracted	QF	On	9/24/2018	7/2/2021
Gonzaga Solar	Solar	Yamhill	OR		No	Yes	Yes	Yes	1/1/2025	3530		2.16	Contracted	QF	On	11/29/2018	7/2/2021
Clayfield Solar	Solar	Clackamas	OR		No	Yes	Yes	Yes	1/1/2025	4043		2.57	Contracted	QF	On	11/27/2018	7/2/2021
Carlowe Solar	Solar	Clackamas	OR		No	Yes	Yes	Yes	1/1/2025	3977		2.57	Contracted	QF	On	11/29/2018	7/2/2021
Clark Solar	Solar	Morrow	OR		No	Yes	Yes	No	1/1/2020	2472		10.00	Contracted	QF	Off	8/2/2017	12/1/2019
Drift Creek	Solar	Marion	OR		No	Yes	Partial	Yes	1/1/2020	3813		2.20	Contracted	QF	On	1/25/2016	4/1/2019
Yamhill Creek Solar	Solar	Yamhill	OR		No	Yes	Yes	Yes	1/1/2020	2240		2.20	Contracted	QF	On	5/31/2017	4/30/2018
Brush Creek Solar	Solar	Marion	OR		No	Yes	Yes	Yes	1/1/2020	2192		2.20	Contracted	QF	On	6/23/2017	4/5/2019
Sandy River Solar	Solar	Clackamas	OR		No	Yes	Yes	Yes	1/1/2025	3399		1.85	Contracted	QF	On	5/25/2018	12/1/2019
Brush College Solar	Solar	Polk	OR		No	Yes	Yes	Yes	1/1/2025	3595		2.00	Contracted	QF	On	5/25/2018	12/1/2019
Mountain Meadow Solar	Solar	Clackamas	OR		No	Yes	Yes	Yes	1/1/2025	4315		2.50	Contracted	QF	On	5/25/2018	12/1/2019
MI Hope Solar	Solar	Clackamas	OR		No	Yes	Yes	Yes	1/1/2025	4448		2.50	Contracted	QF	On	5/25/2018	12/1/2019
River Valley Solar	Solar	Marion	OR		No	Yes	Yes	Yes	1/1/2025	3558		2.00	Contracted	QF	On	5/25/2018	12/1/2019
Fruitland Creek	Solar	Marion	OR		No	Yes	Yes	Yes	1/1/2025	2518		1.75	Contracted	QF	On	5/25/2018	12/1/2019
Raven Loop	Solar	Polk	OR		No	Yes	Yes	Yes	1/1/2025	3570		2.00	Contracted	QF	On	5/25/2018	12/1/2019
Waconda Solar	Solar	Marion	OR		No	Yes	Yes	Yes	1/1/2025	4044		2.25	Contracted	QF	On	6/4/2018	2/1/2020
Tualatin Valley Water District	Hydro	Washington	OR	4/1/2013	No	No	NA	NA		190		0.11	Online	WA	On	4/1/2013	
Von Family Limited Partnership	Hydro	Yamhill	OR	2/14/2014	No	No	NA	NA		250		0.20	Online	QF	On	2/14/2014	
Vaughan Solar	Solar	Clackamas	OR		No	Yes	Yes	Yes	1/1/2025	3868		2.20	Proposed	QF	On		12/1/2020
Brompton Solar	Solar	Washington	OR		No	Yes	Yes	Yes	1/1/2025	5045		2.97	Proposed	QF	On		7/2/2021
Lower Solar	Solar	Clackamas	OR		No	Yes	Yes	Yes	1/1/2025	3921		1.98	Proposed	QF	On		11/2/2021
Waterford Solar	Solar	Polk	OR		No	Yes	Yes	Yes	1/1/2025	3974		2.57	Proposed	QF	On		12/1/2021
Clapham Solar	Solar	Yamhill	OR		No	Yes	Yes	Yes	1/1/2025	4187		2.97	Proposed	QF	On		12/1/2021
Castlerock Solar	Solar	Washington	OR		No	Yes	Yes	Yes	1/1/2025	4096		2.97	Proposed	QF	On		12/13/2021
Comley Solar	Solar	Lake	OR		No	Yes	Yes	Yes	1/1/2025	26700		10.00	Proposed	QF	On		12/1/2021
Lipscomb Solar	Solar	Clackamas	OR		No	Yes	Yes	Yes	1/1/2025	3175		1.98	Proposed	QF	On		12/1/2021
Marquam Creek Solar	Solar	Clackamas	OR		No	Yes	Yes	Yes	1/1/2025	3018		2.00	Proposed	QF	On		12/1/2020
Walker Creek Solar	Solar	Polk	OR		No	Yes	Yes	Yes	1/1/2025	3840		2.50	Proposed	QF	On		12/1/2020
Corduff Solar	Solar	Polk	OR		No	Yes	Yes	Yes	1/1/2025	3261		1.80	Proposed	QF	On		12/1/2021
Timothy Solar	Solar	Clackamas	OR		No	Yes	Yes	Yes	1/1/2025	5013		2.97	Proposed	QF	On		12/1/2021
Rotunda Solar	Solar		OR		No	Yes	Unknown		1/1/2025			2.97	Proposed	QF			
Brownseed Solar	Solar		OR		No	Yes	Unknown		1/1/2025			2.97	Proposed	QF			
Hayfield Solar	Solar		OR		No	Yes	Unknown		1/1/2025			2.97	Proposed	QF			
Hewitt Solar	Solar		OR		No	Yes	Unknown		1/1/2025			2.97	Proposed	QF			
Grand Canal Solar	Solar		OR		No	Yes	Unknown		1/1/2025			2.97	Proposed	QF			
Dawson Solar	Solar		OR		No	Yes	Unknown		1/1/2025			1.98	Proposed	QF			
SulusSolar30	Solar		OR		No	Yes	Unknown		1/1/2025			2.97	Proposed	QF			
Hilton Solar	Solar		OR		No	Yes	Unknown		1/1/2025			2.97	Proposed	QF			
Cork Solar	Solar	Clackamas	OR		No	Yes	Yes	Yes	1/1/2025	2505		1.26	Proposed	QF	On		11/2/2021
Cavan Solar	Solar	Washington	OR		No	Yes	Yes	Yes	1/1/2025	3248		1.80	Proposed	QF	On		11/2/2021
Belvedere Solar	Solar	Marion	OR		No	Yes	Yes	Yes	1/1/2025	4907		2.97	Proposed	QF	On		11/2/2021
Herron Solar	Solar		OR		No	Yes	Unknown		1/1/2025			1.26	Proposed	QF	On		4/1/2013
Generic (Kyle Roberts)	Solar		OR		No	Yes	Unknown		1/1/2025			2.97	Proposed	QF	On		
Carus Solar	Solar	Clackamas	OR		No	Yes	Yes	Yes	1/1/2025	3868		2.20	Proposed	QF	On		12/1/2020
Reed Solar	Solar	Polk	OR		No	Yes	Yes	Yes	1/1/2025	3868		2.20	Proposed	QF	On		12/1/2020
West Union Solar	Solar	Washington	OR		No	Yes	Unknown		1/1/2025	39365		19.99	Proposed	QF	On		
Oak Knoll Solar	Solar	Polk	OR		No	Yes	Unknown		1/1/2025	39365		19.99	Proposed	QF	On		
Basin Creek Solar	Solar	Clackamas	OR		No	Yes	Unknown		1/1/2025	38072		19.99	Proposed	QF	On		
Conifer Grove Solar	Solar	Yamhill	OR		No	Yes	Unknown		1/1/2025	40113		19.99	Proposed	QF	On		
Milne Solar	Solar	Clackamas	OR		No	Yes	Yes	Yes	1/1/2025	3757		2.20	Proposed	QF	On		11/9/2021
Pika Solar	Solar	Marion	OR		No	Yes	Yes	Yes	1/1/2025	3782		2.20	Proposed	QF	On		11/9/2021
Skyward Solar	Solar	Clackamas	OR		No	Yes	Yes	Yes	1/1/2025	3639		2.25	Proposed	QF	On		11/9/2021
Big Horn	Solar	Marion	OR		No	Yes	Yes	Yes	1/1/2025	3965		2.20	Proposed	QF	On		11/9/2021
PGE-Net Metering (total for installed projects through Dec 2018)	Solar	Various	OR	Various	No	No	No	No				67.86	Online	UD			
QDOT-15 & 105 - QDOT-15 & 105	Solar	Washington	OR		No	No	No	No				0.09	Online	UD			
ProLogis East 1 - ProLogis East 1	Solar	Multnomah	OR	2009	Yes	Yes	No	No				0.24	Online	UD			
ProLogis East 2 - ProLogis East 2	Solar	Multnomah	OR	2008	Yes	Yes	No	No				0.44	Online	UD			
ProLogis PDX Park 4 - ProLogis PDX Park 4	Solar	Multnomah	OR	2008	Yes	Yes	No	No				0.24	Online	UD			
Jennifer District Center #1 - ProLogis - Jennifer 1	Solar	Clackamas	OR	2010	Yes	Yes	No	No				0.32	Online	UD			
Jennifer District Center #2 - ProLogis - Jennifer 2	Solar	Clackamas	OR	2010	Yes	Yes	No	No				0.29	Online	UD			
Jennifer District Center #3 - ProLogis - Jennifer 3	Solar	Clackamas	OR	2010	Yes	Yes	No	No				0.26	Online	UD			
PDX ProLogis Park 1 - ProLogis - Park 1	Solar	Multnomah	OR	2010	Yes	Yes	No	No				0.36	Online	UD			
PDX ProLogis Park 2 - ProLogis - Park 2	Solar	Multnomah	OR	2010	Yes	Yes	No	No				0.14	Online	UD			
Southshore Corp Bldg A - ProLogis - Southshore A	Solar	Multnomah	OR	2010	Yes	Yes	No	No				0.32	Online	UD			
Southshore Corp Bldg C - ProLogis - Southshore C	Solar	Multnomah	OR	2010	Yes	Yes	No	No				0.36	Online	UD			
Baldock Solar Highway - Baldock Solar	Solar	Clackamas	OR	2012	Yes	Yes	Yes	Yes				1.49	Online	Lease			
Bellevue Solar, LLC - Bellevue Solar, LLC	Solar	Yamhill	OR	2011	Yes	Yes	Yes	Yes				1.56	Online	PPA			
Portland Rehabilitation Center - Portland Rehabilitation Center	Solar	Multnomah	OR	2008	No	No	No	No				0.73	Online	NM			
Outback Solar - Outback Solar	Solar	Lake	OR	2012	Yes	Yes	Yes	Yes				4.95	Online	PPA			
Yamhill Solar, LLC - Yamhill Solar, LLC	Solar	Yamhill	OR	2011	Yes	Yes	Yes	Yes				1.04	Online	PPA			
PGE-SPO-G1 - PGE-SPO-G1	Solar	Multnomah	OR	2010	Yes	Yes	No	No				0.21	Online	SPO			
PGE-SPO-G2 - PGE-SPO-G2	Solar	Multnomah	OR	2010	Yes	Yes	No	No				0.21	Online	SPO			
PGE-SPO-G3 - PGE-SPO-G3	Solar	Multnomah	OR	2010	Yes	Yes	No	No				0.21	Online	SPO			
PGE-SPO-G4 - PGE-SPO-G4	Solar	Multnomah	OR	2011	Yes	Yes	No	No				0.21	Online	SPO			
PGE-SPO-G5 - PGE-SPO-G5	Solar	Multnomah	OR	2011	Yes	Yes	No	No				0.21	Online	SPO			
PGE-SPO-G6 - PGE-SPO-G6	Solar	Multnomah	OR	2011	Yes	Yes	No	No				0.21	Online	SPO			
PGE-SPO-G7 - PGE-SPO-G7	Solar	Multnomah	OR	2011	Yes	Yes	No	No				0.21	Online	SPO			
PGE-SPO-G8 - PGE-SPO-G8	Solar	Multnomah	OR	2011	Yes	Yes	No	No				0.21	Online	SPO			
PGE-SPO-G9 - PGE-SPO-G9	Solar	Aurora	OR	2011	Yes	Yes	No	No				0.43	Online	SPO			
PGE-SPO-G10 - PGE-SPO-G10	Solar	Multnomah	OR	2011	Yes	Yes	No	No				0.21	Online	SPO			
PGE-SPO-G11 - PGE-SPO-G11	Solar	Multnomah	OR	2011	Yes	Yes	No	No				0.21	Online	SPO			
PGE-SPO-G12 - PGE-SPO-G12	Solar	Multnomah	OR	2011	Yes	Yes	No	No				0.21	Online	SPO			
PGE-SPO-G13 - PGE-SPO-G13	Solar	Multnomah	OR	2011	Yes	Yes	No	No				0.21	Online	SPO			
PGE-SPO-G14 - PGE-SPO-G14	Solar	Multnomah	OR	2011	Yes	Yes	No	No				0.21	Online	SPO			
PGE-SPO-G15 - PGE-SPO-G15	Solar	Multnomah	OR	2011	Yes	Yes	No	No				0.21	Online	SPO			
PGE-SPO-G16 - PGE-SPO-G16	Solar	Multnomah	OR	2011	Yes	Yes	No										

PGE-SPO-G30 - PGE-SPO-G30	Solar	Multnomah	OR	2012	Yes	Yes	No	No					0.21	Online	SPO			
PGE-SPO-G31 - PGE-SPO-G31	Solar	Multnomah	OR	2012	Yes	Yes	No	No					0.21	Online	SPO			
PGE-SPO-G32 - PGE-SPO-G32	Solar	Multnomah	OR	2012	Yes	Yes	No	No					0.21	Online	SPO			
PGE-SPO-G33 - PGE-SPO-G33	Solar	Multnomah	OR	2012	Yes	Yes	No	No					0.21	Online	SPO			
PGE-SPO-G34 - PGE-SPO-G34	Solar	Multnomah	OR	2012	Yes	Yes	No	No					0.21	Online	SPO			
PGE-SPO-G35 - PGE-SPO-G35	Solar	Multnomah	OR	2013	Yes	Yes	No	No					0.21	Online	SPO			
PGE-SPO-G36 - PGE-SPO-G36	Solar	Multnomah	OR	2013	Yes	Yes	No	No					0.21	Online	SPO			
PGE-SPO-G37 - PGE-SPO-G37	Solar	Multnomah	OR	2013	Yes	Yes	No	No					0.21	Online	SPO			
PGE-SPO-G38 - PGE-SPO-G38	Solar	Multnomah	OR	2013	Yes	Yes	No	No					0.21	Online	SPO			
PGE-SPO-G39 - PGE-SPO-G39	Solar	Washington	OR	2013	Yes	Yes	No	No					0.43	Online	SPO			
PGE-SPO-G40 - PGE-SPO-G40	Solar	Marion	OR	2013	Yes	Yes	No	No					0.33	Online	SPO			
PGE-SPO-G41 - PGE-SPO-G41	Solar	Multnomah	OR	2013	Yes	Yes	No	No					0.21	Online	SPO			
PGE-SPO-G42 - PGE-SPO-G42	Solar	Multnomah	OR	2013	Yes	Yes	No	No					0.21	Online	SPO			
PGE-SPO-G43 - PGE-SPO-G43	Solar	Multnomah	OR	2013	Yes	Yes	No	No					0.21	Online	SPO			
PGE-SPO-G44 - PGE-SPO-G44	Solar	Multnomah	OR	2013	Yes	Yes	No	No					0.21	Online	SPO			
PGE-SPO-G45 - PGE-SPO-G45	Solar	Multnomah	OR	2013	Yes	Yes	No	No					0.21	Online	SPO			
PGE-SPO-G46 - PGE-SPO-G46	Solar	Multnomah	OR	2013	Yes	Yes	No	No					0.21	Online	SPO			
PGE-SPO-G47 - PGE-SPO-G47	Solar	Multnomah	OR	2013	Yes	Yes	No	No					0.21	Online	SPO			
PGE-SPO-G48 - PGE-SPO-G48	Solar	Multnomah	OR	2013	Yes	Yes	No	No					0.21	Online	SPO			
PGE-SPO-G49 - PGE-SPO-G49	Solar	Multnomah	OR	2014	Yes	Yes	No	No					0.21	Online	SPO			
PGE-SPO-G50 - PGE-SPO-G50	Solar	Marion	OR	2014	Yes	Yes	No	No					0.32	Online	SPO			
PGE-SPO-G51 - PGE-SPO-G51	Solar	Multnomah	OR	2014	Yes	Yes	No	No					0.21	Online	SPO			
PGE-SPO-G52 - PGE-SPO-G52	Solar	Multnomah	OR	2014	Yes	Yes	No	No					0.21	Online	SPO			
PGE-SPO-G53 - PGE-SPO-G53	Solar	Multnomah	OR	2014	Yes	Yes	No	No					0.21	Online	SPO			
PGE-SPO-G54 - PGE-SPO-G54	Solar	Multnomah	OR	2014	Yes	Yes	No	No					0.21	Online	SPO			
PGE-SPO-G55 - PGE-SPO-G55	Solar	Multnomah	OR	2014	Yes	Yes	No	No					0.21	Online	SPO			
PGE-SPO-G56 - PGE-SPO-G56	Solar	Marion	OR	2014	Yes	Yes	No	No					0.36	Online	SPO			
PGE-SPO-G57 - PGE-SPO-G57	Solar	Multnomah	OR	2014	Yes	Yes	No	No					0.21	Online	SPO			
PGE-SPO-G58 - PGE-SPO-G58	Solar	Multnomah	OR	2015	Yes	Yes	No	No					0.21	Online	SPO			
PGE-SPO-G59 - PGE-SPO-G59	Solar	Multnomah	OR	2015	Yes	Yes	No	No					0.21	Online	SPO			
PGE-SPO-G60 - PGE-SPO-G60	Solar	Multnomah	OR	2015	Yes	Yes	No	No					0.21	Online	SPO			
PGE-SPO-G61 - PGE-SPO-G61	Solar	Multnomah	OR	2015	Yes	Yes	No	No					0.21	Online	SPO			
PGE-SPO-G62 - PGE-SPO-G62	Solar	Multnomah	OR	2016	Yes	Yes	No	No					0.21	Online	SPO			
PGE-SPO-G63 - PGE-SPO-G63	Solar	Multnomah	OR	2016	Yes	Yes	Yes	No					0.21	Online	SPO			
PGE-SPO-G64 - PGE-SPO-G64	Solar	Multnomah	OR	2016	Yes	Yes	Yes	No					0.21	Online	SPO			
PGE-SPO-G65 - PGE-SPO-G65	Solar	Multnomah	OR	2016	Yes	Yes	Yes	No					0.21	Online	SPO			

QF = Qualifying Facility
 NM = Net Metering
 PPA = Power Purchase Agreement
 SPO = Solar Payment Option
 UO = Utility Owned

Note: For non-QFs, the online date is COD year or first year of contract.