

February 12, 2019

VIA ELECTRONIC FILING

Public Utility Commission of Oregon
201 High Street SE, Suite 100
Salem, OR 97301-3398

Attn: Filing Center

RE: AR 622—PacifiCorp's Update

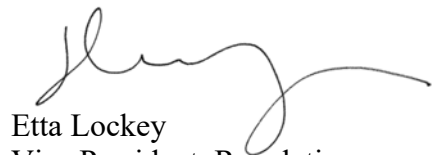
In response to the Administrative Law Judge's memorandum dated February 7, 2019, PacifiCorp d/b/a Pacific Power provides the enclosed updated template and supporting information.

- Regarding the supply denominator, PacifiCorp notes that the value of 4,247 megawatts (MW) includes 2,227 MW of non-variable energy resources (non-VERs), which double-counts a number of resources, such as hydro, that have already been included in the 15,893 MW system value. In addition, the 2,227 MW of non-VERs includes third party resources that are used to serve third-party load in PacifiCorp's balancing authority area but are not PacifiCorp's resources or contracted resources and do not serve PacifiCorp customers. The company is working to isolate these resources and will provide an updated value for the non-VERs to exclude these resources as soon as the information is available.
- The supply denominator value of 4,247 MW also includes the Oregon share of 2,587 MW of wind, which PacifiCorp notes reflects the flexible reserve study instead of the installed capacity from the 2017 Integrated Resource Plan. PacifiCorp will provide an updated value for the installed capacity of the wind resources at the same time it provides the update for the non-VERs mentioned above.

PacifiCorp looks forward to continuing to participate in this rulemaking, including at the rulemaking hearing on February 14, 2019.

Please direct any questions on this filing to me at (503) 813-5701.

Sincerely,



Etta Lockey
Vice President, Regulation

Staff's Template

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
		Options									
		MW	MW	MW	86.06	305	121	301	469	434	156
Demand	Oregon's peak during system peak, plus reserve margin	2,608	2,760	NA	3%	11%	4%	12%	17%	16%	6%
Supply	All Generation Resources	4,247	4,247	NA	2%	7%	3%	7%	11%	10%	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
		Options									
		MW	MW	MW		714	696		810		810
Demand	Peak plus reserve margin		4,066			18%	17%		20%		20%
Supply	All Generation Resources		4,586			16%	15%		18%		18%

PacifiCorp's Eligible Projects

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 - LIHI	6.70	Fremont	ID	1.78	1917		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 - LIHI	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	12/6/2018	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 - LIHI	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 - LIHI	0.51	Salt Lake	UT	0.14	9/1/2004	2/29/2032	N	N	N
Eagle Point	Y	Hydro - LIHI	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 - LIHI	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	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

Small Scale Renewable Energy Projects

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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
Grem 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 - LIH	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 - LIH	18.00	Douglas	OR	4.78	1951	12/31/2038	Y	Y	N
Soda	Y	Hydro - LIH	14.00	Caribou	ID	3.72	1924	12/31/2033	Y	N	N
Soda Springs	Y	Hydro - LIH	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
California Net Metering	N	Primarily Solar	3.88	Varies	CA	1.03	Varies	Varies	N	N	N
Idaho Net Metering	N	Primarily Solar	1.23	Varies	ID	0.33	Varies	Varies	N	N	N
Utah Net Metering	N	Primarily Solar	87.82	Varies	UT	23.31	Varies	Varies	N	N	N
Washington Net Metering	N	Primarily Solar	4.99	Varies	WA	1.32	Varies	Varies	N	N	N
Wyoming Net Metering	N	Primarily Solar	1.21	Varies	WY	0.32	Varies	Varies	N	N	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

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Adams Solar Center, LLC	Y	Solar	10.00	Jefferson	OR	2.65	7/27/2018	10/30/2036	Customer-owned	N	Y	N	N
Bear Creek Solar Center, LLC	Y	Solar	10.00	Deschutes	OR	2.65	9/28/2018	10/30/2036	Customer-owned	N	Y	N	N
Big Top LLC (Oregon Windfarms LLC)	Y	Wind	1.65	Morrow	OR	0.44	8/1/2009	1/29/2029	Customer-owned	N	N	N	N
Black Cap Solar	Y	Solar	2.00	Lake	OR	0.53	10/1/2012	9/30/2027	Customer-owned	Y	Y	N	N
Blk Solar Center, LLC	Y	Solar	8.50	Klamath	OR	2.26	11/16/2018	10/30/2036	Customer-owned	N	Y	N	N
Butter Creek Power LLC (Oregon Windfarms LLC)	Y	Wind	4.95	Umatilla	OR	1.31	8/1/2009	1/29/2029	Customer-owned	N	N	N	N
C Drop	Y	Hydro	1.10	Klamath	OR	0.29	5/3/2012	5/2/2027	Customer-owned	Y	Y	N	N
Chiloquin Solar, LLC (Sturn Power Corporation)	Y	Solar	9.90	Klamath	OR	2.63	1/26/2018	12/15/2036	Customer-owned	N	Y	N	N
Chopin Wind, LLC	Y	Wind	10.00	Umatilla	OR	2.65	10/1/2016	5/29/2036	Customer-owned	N	N	N	N
City of Astoria	Y	Hydro	0.03	Clatsop	OR	0.01	4/8/2015	12/18/2029	Customer-owned	Y	Y	N	N
City of Portland, Portland Water Bureau	Y	Hydro	0.03	Multnomah	OR	0.01	11/1/2012	2/28/2027	Customer-owned	N	N	N	N
Clearwater 1	Y	Hydro - LH1	15.00	Douglas	OR	3.98	1953	12/31/2038	Utility-owned	Y	Y	Y	Y
Cypress Creek - Merrill Solar	Y	Solar	10.00	Klamath	OR	2.65	6/1/2020	11/17/2031	Customer-owned	NA	Y	N	N
Dorena Hydro	Y	Hydro	6.10	Lane	OR	1.62	12/11/2014	11/30/2032	Customer-owned	N	N	N	N
Eagle Point	Y	Hydro - LH1	2.81	Jackson	OR	0.75	1957	12/31/2040	Utility-owned	Y	Y	Y	Y
EED Hydro	Y	Hydro	2.99	Jefferson	OR	0.79	6/11/2015	4/14/2028	Customer-owned	N	N	N	N
Elbe Solar Center, LLC	Y	Solar	10.00	Jefferson	OR	2.65	8/10/2018	10/30/2036	Customer-owned	N	Y	N	N
Farm Power Misty Meadow	Y	Biogas	0.75	Tillamook	OR	0.20	5/6/2013	9/30/2027	Customer-owned	Y	Y	N	N
Farmers Irrigation (Copper Dam Plant)	Y	Hydro	4.80	Hood River	OR	1.27	10/1/1985	12/31/2025	Customer-owned	Y	Y	N	N
Fish Creek	Y	Hydro - LH1	11.00	Douglas	OR	2.92	1952	12/31/2038	Utility-owned	Y	Y	Y	Y
Four Corners Windfarm LLC (Oregon Windfarms LLC)	Y	Wind	10.00	Umatilla	OR	2.65	9/11/2009	6/30/2029	Customer-owned	N	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	Customer-owned	N	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	Customer-owned	N	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	Customer-owned	N	Y	N	N
Mariah Wind	Y	Wind	10.00	Morrow	OR	2.65	3/1/2020	8/31/2030	Customer-owned	NA	Y	N	N
Monroe Hydro (Apple)	Y	Hydro	0.30	Jefferson	OR	0.08	6/9/2016	7/30/2035	Customer-owned	N	N	N	N
Norwest Energy 2 LLC (Neff)	Y	Solar	9.90	Deschutes	OR	2.63	12/31/2016	11/17/2031	Customer-owned	N	N	N	N
Norwest Energy 4 LLC (Bonanza)	Y	Solar	4.80	Klamath	OR	1.27	12/31/2018	11/17/2031	Customer-owned	N	N	N	N
Norwest Energy 7 LLC (Eagle Point)	Y	Solar	9.90	Jackson	OR	2.63	12/30/2017	11/17/2031	Customer-owned	N	N	N	N
Norwest Energy 9 LLC (Pendleton)	Y	Solar	6.00	Klamath	OR	1.59	10/3/2018	11/17/2031	Customer-owned	N	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	Customer-owned	N	N	N	N
Old Mill Solar	Y	Solar	5.00	Klamath	OR	1.33	4/1/2016	1/30/2041	Customer-owned	N	Y	Y	Y
OR Solar 2 (Agate Bay Solar)	Y	Solar	10.00	Jackson	OR	2.65	7/10/2019	10/31/2036	Customer-owned	NA	Y	N	N
OR Solar 3 (Turkey Hill Solar)	Y	Solar	10.00	Klamath	OR	2.65	12/30/2017	10/31/2036	Customer-owned	N	Y	N	N
OR Solar 5 (Merrill)	Y	Solar	8.00	Klamath	OR	2.12	1/12/2018	10/31/2036	Customer-owned	N	Y	N	N
OR Solar 6 (Lakeview)	Y	Solar	10.00	Lake	OR	2.65	12/28/2017	10/31/2036	Customer-owned	N	Y	N	N
OR Solar 7 (Jacksonville)	Y	Solar	10.00	Jackson	OR	2.65	12/31/2018	10/31/2036	Customer-owned	N	Y	N	N
OR Solar 8 (Dairy)	Y	Solar	10.00	Klamath	OR	2.65	3/14/2018	10/31/2036	Customer-owned	N	Y	N	N
Orchard Wind Farm 1, LLC	Y	Wind	10.00	Umatilla	OR	2.65	10/1/2020	6/30/2039	Customer-owned	NA	Y	Y	N
Orchard Wind Farm 2, LLC	Y	Wind	10.00	Umatilla	OR	2.65	10/1/2020	6/30/2039	Customer-owned	NA	Y	Y	N
Orchard Wind Farm 3, LLC	Y	Wind	10.00	Umatilla	OR	2.65	10/1/2020	6/30/2039	Customer-owned	NA	Y	Y	N
Orchard Wind Farm 4, LLC	Y	Wind	10.00	Umatilla	OR	2.65	10/1/2020	6/30/2039	Customer-owned	NA	Y	Y	N
Oregon Institute of Technology	Y	Geothermal	0.28	Klamath	OR	0.07	4/9/2010	3/17/2030	Customer-owned	N	Y	N	N
Oregon Net Metering	Y	Primarily Solar	34.86	Varies	OR	9.25	Varies	Varies	Customer-owned	N	N	N	N
Oregon Solar Land Holdings (OSLH) - Collier Solar	Y	Solar	9.90	Deschutes	OR	2.63	2/1/2017	11/17/2031	Customer-owned	N	Y	N	N
Oregon Trail Windfarm LLC (Oregon Windfarms LLC)	Y	Wind	9.90	Brown and Umat	OR	2.63	8/1/2009	1/15/2029	Customer-owned	N	N	N	N
Oregon VIR - Schedule 136	Y	Solar	8.82	Varies	OR	2.34	Varies	12/31/2035	Customer-owned	Y	Y	N	N
Oregon VIR Schedule 137 - Bourdet	Y	Solar	0.10	Klamath	OR	0.03	2/1/2015	2/1/2030	Customer-owned	Y	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	Customer-owned	Y	Y	N	N
Oregon VIR Schedule 137 - CTWS	Y	Solar	0.30	Jefferson	OR	0.08	5/1/2014	5/1/2029	Customer-owned	Y	Y	N	N
Oregon VIR Schedule 137 - Joseph Community Solar	Y	Solar	0.50	Wallowa	OR	0.13	11/1/2011	11/1/2026	Customer-owned	Y	Y	N	N
Oregon VIR Schedule 137 - Obsidian Renewables	Y	Solar	0.50	Lake	OR	0.13	12/1/2013	12/1/2028	Customer-owned	Y	Y	N	N
Oregon VIR Schedule 137 - Powell Butte	Y	Solar	0.19	Crook	OR	0.05	8/1/2014	8/1/2029	Customer-owned	Y	Y	N	N
Oregon VIR Schedule 137 - Solwatt 1	Y	Solar	0.36	Umatilla	OR	0.10	6/1/2012	6/1/2027	Customer-owned	Y	Y	N	N
Oregon VIR Schedule 137 - Solwatt 2	Y	Solar	0.20	Umatilla	OR	0.05	7/1/2014	7/1/2029	Customer-owned	Y	Y	N	N
Orem Family Wind	Y	Wind	10.00	Morrow	OR	2.65	3/1/2020	8/31/2030	Customer-owned	NA	Y	N	N
Pacific Canyon Windfarm LLC (Oregon Windfarms LLC)	Y	Wind	8.25	Morrow	OR	2.19	8/1/2009	1/22/2029	Customer-owned	N	N	N	N
Prospect No. 3	Y	Hydro - LH1	7.20	Jackson	OR	1.91	1932	12/31/2058	Utility-owned	Y	Y	Y	Y
RES Ag - Oak Lea	Y	Biogas	0.17	Marion	OR	0.04	5/22/2012	11/30/2026	Customer-owned	N	N	N	N
Roseburg Landfill Gas (Roseburg South Gate)	Y	Biogas	1.60	Douglas	OR	0.42	12/20/2011	4/30/2032	Customer-owned	N	N	N	N
Sand Ranch Windfarm LLC (Oregon Windfarms LLC)	Y	Wind	9.90	Morrow	OR	2.63	1/8/2009	1/15/2029	Customer-owned	N	N	N	N
Slide Creek	Y	Hydro - LH1	18.00	Douglas	OR	4.78	1951	12/31/2038	Utility-owned	Y	Y	Y	Y
Soda Springs	Y	Hydro - LH1	11.00	Douglas	OR	2.93	1952	12/31/2038	Utility-owned	Y	Y	Y	Y
Squalley Irrigation District	Y	Hydro	0.75	Deschutes	OR	0.20	4/23/2010	1/3/2030	Customer-owned	Y	Y	N	N
Three Sisters Irrigation District (Watson Hydro)	Y	Hydro	0.20	Deschutes	OR	0.05	5/1/2014	9/14/2038	Customer-owned	Y	Y	Y	Y
Three Sisters Irrigation District (Watson Micro Hydro)	Y	Hydro	0.70	Deschutes	OR	0.19	11/15/2018	4/30/2029	Customer-owned	N	Y	N	N
Threemile Canyon Wind I LLC	Y	Wind	9.90	Morrow	OR	2.63	9/1/2009	8/31/2029	Customer-owned	N	N	N	N
Tumbleweed Solar, LLC (Sturn Power Corporation)	Y	Solar	9.90	Deschutes	OR	2.63	12/28/2017	12/15/2036	Customer-owned	N	Y	N	N
Wagon Trail LLC (Oregon Windfarms LLC)	Y	Wind	3.30	Morrow	OR	0.88	9/1/2009	1/29/2029	Customer-owned	N	N	N	N
Ward Butte Windfarm LLC (Oregon Windfarms LLC)	Y	Wind	6.60	Umatilla	OR	1.75	9/1/2009	1/15/2029	Customer-owned	N	N	N	N
Woodline Solar LLC	Y	Solar	8.00	Klamath	OR	2.12	12/28/2017	11/29/2037	Customer-owned	N	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