

January 22, 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 accordance with the Administrative Law Judge's memorandum dated January 10, 2019, in the above-referenced docket, PacifiCorp d/b/a Pacific Power provides the enclosed updated template and supporting information. In completing its update, review and verification of the data provided in staff's template and PacifiCorp's project list, the company notes the following:

Staff's Template:

- The template does not indicate the source for the data in the "Denominators" portion of the template and PacifiCorp has been unable to verify this data or attribute it to a source, including the company's 2017 Integrated Resource Plan.
- With regard to the data in the column labeled "ODOE Database," it is not known which scenario is being represented nor whether those numbers include resources that expire before 2025 or 2036.
- In columns I, K, M, and O, PacifiCorp believes the label should denote the year 2036 to be consistent with the data the company provided that is being represented in those columns.
- PacifiCorp agrees that the reserve margin in cell C24 is correct and recommends that the template document the assumption/source for the reserve margins in that table.
- In cell G25, the template should indicate the source for the allocation factor, including which factor is being used and from what year/source is being used. PacifiCorp is unable to confirm this value without the source information.
- In the data reviewed in the options columns, PacifiCorp clarifies that those values reflect the counting of projects eligible in the indicated year if the environmental attributes, contract or renewable energy certificates are available or contracted for, for the entire year indicated.
- PacifiCorp has included comments within the excel file to indicate clarification of the points listed here.
- PacifiCorp suggests that the issues highlighted here be resolved before the template is posted to the AR 622 workshop website.

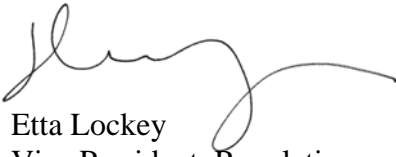
PacifiCorp's Eligible Projects File:

- PacifiCorp has added a System resource tab to the excel file, and additional projects have been added to both the Oregon tab and the System tab.
- An additional column has been added to both tabs to indicate resource or contract expiration dates.

PacifiCorp looks forward to continuing to participate in this rulemaking, including at the Commissioner workshop on January 29, 2019.

Please direct any questions on this filing to Natasha Siores, Manager, Regulatory Affairs, at (503) 813-6583.

Sincerely,



Etta Lockey
Vice President, Regulation

Staff's Template

PacifiCorp

Denominators		Numerators ->				Options								
						ODOE Database	Utility Data OR Only <20 MW RE Projects with REC ownership		OR Only <20MW RE Projects (with and w/out RECs)		All <20MW RE Projects with REC ownership		All <20MW RE Projects (with and w/out RECs)	
							2018	2025	2030	2025	2030	2025	2030	2025
Options	2025 MW	2030 MW	8% target (MW)	8% target (MW)	443	305	121	469	156	420	214	672	214	
Demand	Oregon Share of System Peak*	2,994		240	0	15%	10%	4%						
	Plus Reserve Margin	3,383		271	0	60%	9%	4%						
Supply	All Generation Resources	4,255		340	0	47%	7%	3%						
	Adding Market Purchases	4,598		368	0	44%	7%	3%						

PGE

Denominators		Numerators ->				Options								
						ODOE Database	Utility Data OR Only <20 MW RE Projects with REC ownership		OR Only <20MW RE Projects (with and w/out RECs)		All <20MW RE Projects with REC ownership		All <20MW RE Projects (with and w/out RECs)	
							2018	2025	2030	2025	2030	2025	2030	2025
Options	2025 MW	2030 MW	8% target (MW)	8% target (MW)	958	525.92								
Demand	Peak Demand (Load)	3,660		293	0	26%	14%	-					-	-
	Peak Demand, Plus Reserve Margin	4,319		346	0	22%	12%	-					-	-
Supply	All Generation Resources	3,175		254	0	30%	17%	-					-	-
	Adding Market Purchases	4,317						-					-	-

	2025	2030
PAC Reserve Margin	13%	13%
PGE Reserve Margin	18%	18%

* 26.725% * Total System

PacifiCorp's Eligible Projects

⁽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	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
**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	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 - 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	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 - 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	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 (Ewanua 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

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
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
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 - LIHI	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 - LIHI	18.00	Douglas	OR	4.78	1951	12/31/2038	Y	Y	N
Soda	Y	Hydro - LIHI	14.00	Caribou	ID	3.72	1924	12/31/2033	Y	N	N
Soda Springs	Y	Hydro - LIHI	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

⁽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	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
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 - LIHI	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 - 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
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 - CROWS	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 - LIHI	7.20	Jackson	OR	1.91	1932	12/31/2058	Y	Y	Y

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
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 - LIHI	18.00	Douglas	OR	4.78	1951	12/31/2038	Y	Y	N
Soda Springs	Y	Hydro - LIHI	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
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

PacifiCorp

Denominators		Numerators ->				Options								
						ODOE Database	Utility Data OR Only <20 MW RE Projects with REC ownership		OR Only <20MW RE Projects (with and w/out RECs)		All <20MW RE Projects with REC ownership		All <20MW RE Projects (with and w/out RECs)	
							2018	2025	2030 2036	2025	2030 2036	2025	2030 2036	2025
Options	2025	2030	2025	2030										
	MW	MW	8% target (MW)	8% target (MW)										
Demand	Oregon Share of System Peak*	2,994		240	0	15%	10%	4%						
	Plus Reserve Margin	3,383		271	0	60%	9%	4%						
Supply	All Generation Resources	4,255		340	0	47%	7%	3%						
	Adding Market Purchases	4,598		368	0	44%	7%	3%						

PGE

Denominators		Numerators ->				Options								
						ODOE Database	Utility Data OR Only <20 MW RE Projects with REC ownership		OR Only <20MW RE Projects (with and w/out RECs)		All <20MW RE Projects with REC ownership		All <20MW RE Projects (with and w/out RECs)	
							2018	2025	2030	2025	2030	2025	2030	2025
Options	2025	2030	2025	2030										
	MW	MW	8% target (MW)	8% target (MW)										
Demand	Peak Demand (Load)	3,660		293	0	26%	14%	-				-	-	
	Peak Demand, Plus Reserve Margin	4,319		346	0	22%	12%	-				-	-	
Supply	All Generation Resources	3,175		254	0	30%	17%	-				-	-	
	Adding Market Purchases	4,317						-				-	-	

	2025	2030
PAC Reserve Margin	13%	13%
PGE Reserve Margin	18%	18%

* 26.725% * Total System

⁽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	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
**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	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 - 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	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 - 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	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 (Ewanua 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

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
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
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 - LIHI	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 - LIHI	18.00	Douglas	OR	4.78	1951	12/31/2038	Y	Y	N
Soda	Y	Hydro - LIHI	14.00	Caribou	ID	3.72	1924	12/31/2033	Y	N	N
Soda Springs	Y	Hydro - LIHI	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

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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

⁽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	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
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 - LIHI	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 - 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
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 (Ewanua 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 - LIHI	7.20	Jackson	OR	1.91	1932	12/31/2058	Y	Y	Y

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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 - LIHI	18.00	Douglas	OR	4.78	1951	12/31/2038	Y	Y	N
Soda Springs	Y	Hydro - LIHI	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
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

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