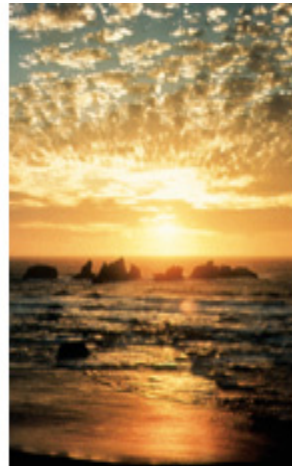


NWPCC

Oregon's Renewable Portfolio Standard



Kip Pheil

Oregon Department of Energy
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Oregon RPS Standards

RPS Classification	Share of Oregon's Total Retail Electric Sales	Affected Utilities and Electricity Service Suppliers	Applicable Req't in Year:			
			2011	2015	2020	2025
Large Utilities	$\geq 3\%$	EWEB PacifiCorp PGE	5%	15%	20%	25%
Smaller Utilities	$< 3\%$ but $\geq 1.5\%$	Central Lincoln PUD Clatskanie PUD Idaho Power McMinnville W & L Springfield Utility Board Umatilla Electric Coop	No Interim Standard			10%
Smallest Utilities	$< 1.5\%$	All other utilities (31 consumer-owned utilities)				5%
ESS	$> 0\%$	Any Electricity Service Supplier (ESS)	Aggregate as if ESS customers served by usual host utility.			

Conditional Standards

Action	Share or Group	Affected Utilities and Electricity Service Suppliers	Applicable in Year:			
			2011	2015	2020	2025
New Coal	< 3%	Buy into new coal plant or new contract for new coal power.	5%	15%	20%	25%
COU Annex IOU	< 3%	COU that annexes IOU territory without consent.	5%	15%	20%	25%
Annual Cost Cap	All	Costs > 4% of annual revenue requirement are capped	\leq 5%	\leq 15%	\leq 20%	\leq 25%
Preference Power Rights	COU	Not required to displace Federal Base System Rights w/ new Renewable	\leq 5%	\leq 15%	\leq 20%	\leq 25%
Load < Resource	All	Not required to add Renewable that exceeds Load	\leq 5%	\leq 15%	\leq 20%	\leq 25%
Preserve Existing RR	All	Not required to displace non-fossil Resources	\leq 5%	\leq 15%	\leq 20%	\leq 25%
WA POU Hydro	All	Not required to displace Mid-Columbia hydro power	\leq 5%	\leq 15%	\leq 20%	\leq 25%

Eligible Resources

BPA designated environmentally-preferred power (or any future BPA product that serves as their renewable energy power choice)	
Generating Facilities in Operation Before January 1, 1995	Generating Facilities Operational On or After January 1, 1995
≤ 50 average megawatts hydro if owned by an Oregon utility and certified low-impact	Hydro outside certain protected water areas.
	Wind
	Solar Photovoltaic and Solar Thermal
	Wave, Tidal, and Ocean Thermal
	Geothermal
Incremental output due to hydro efficiency upgrades (Oregon's allocated share if a federally-owned BPA dam)	Biomass and byproducts <ul style="list-style-type: none"> ▪ organic waste ▪ dedicated energy crops ▪ digester biogas
Incremental output due to capacity or efficiency upgrades, non-hydro	Burning municipal solid waste or treated wood is not eligible.
	Other resources determined through ODOE rulemaking.
	Nuclear fission and fossil fuel sources are prohibited in all cases.
Electricity from hydrogen derived from any of the above resources qualifies for the RPS.	

RECs & WREGIS

- Renewable Energy Certificates
(can be banked, date TBD)
- Western Renewable Energy Generation Information System
- Bundled = REC w/ power
(firming allowed w/ non-RE power)
- Unbundled = REC w/o power

REC Geography

Unbundled – entire WECC

'Large' IOU cap $\leq 20\%$

'Large' COU cap $\leq 50\%$ (to 2020)



Bundled – US WECC only



BPA renewable product – no restriction

RPS - Other Elements

- Alternative Compliance Payment
(invest for future renewable/conservation)
(\$/MWh rate set by OPUC or governing board of COU)
- Extend Public Purpose Charge to 2025
(renewable share to ≤ 20 MW projects)
(target of 8% for 2025 RPS standard)
- Green Power Options, all utilities
(no double-dip w/ required REC)

Oregon Dept. of Energy Contact Information

- ◆ More detailed summary of Oregon RPS:

oregon.gov/ENERGY/RENEW/RPS_home.shtml

- ◆ RPS rulemaking:

oregon.gov/ENERGY/RENEW/Rulemaking2007-RPS.shtml

- ◆ WREGIS:

www.wregis.org

Let's all try to be out
standing in our field.

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