


















2016-2017 Conservation Targets and Acquisitions

2018-2019

Utility	2016-17				Conservation as a Percent of 2016-17 Target	2018-19 Conservation Target (MWh)	Change from 2016-17 Target
	2016-17 Conservation Target (MWh)	2016 Conservation Acquired (MWh)	2017 Conservation Acquired (MWh)	2016 Conservation Acquired (MWh)			
Avista	82,477	80,343	68,258		180%	94,260	14%
Benton PUD	17,257	11,734	9,344		122%	19,710	14%
Chelan PUD	15,593	18,103	17,116		226%	21,199	36%
Clallam PUD	7,008	5,199	5,827		157%	9,198	31%
Clark Public Utilities	67,802	48,792	114,998		242%	85,760	26%
Cowlitz PUD	41,260	121,668	27,249		361%	61,145	48%
Grant PUD	27,418	24,590	7,183		116%	32,149	17%
Grays Harbor PUD	6,482	8,979	5,525		224%	12,790	97%
Inland Power	6,658	7,307	6,088		201%	9,811	47%
Lewis PUD	5,519	5,350	7,671		236%	10,337	87%
Mason PUD #3	3,428	5,977	1,682		223%	5,050	47%
Pacific Power	93,059	54,960	43,730		106%	79,509	-15%
Peninsula Light	4,767	4,462	3,551		168%	7,884	65%
Puget Sound Energy	605,194	314,525	318,629		105%	520,456	-14%
Seattle City Light	224,431	125,725	145,336		121%	214,620	-4%
Snohomish PUD	122,990	96,571	100,693		160%	127,984	4%
Tacoma Power	81,993	50,049	50,418		123%	55,538	-32%
Total	1,413,335	984,335	933,299		136%	1,367,400	-3%

Note: Conservation acquired excludes any excess claimed from prior periods.

Source: Utility reports submitted June 1, 2018. Available at:
<http://www.commerce.wa.gov/EIA>

2016-17 Conservation Acquisitions by End Use Sector

Utility	Residential	Commercial	Industrial	Agricultural	NEEA	Distribution	Other
Avista	40%	54%	0%	0%	5%	0%	0%
Benton PUD	32%	18%	18%	4%	28%	0%	0%
Chelan PUD	17%	43%	28%	0%	12%	0%	0%
Clallam PUD	62%	18%	1%	0%	15%	5%	0%
Clark Public Utilities	34%	16%	40%	0%	10%	0%	0%
Cowlitz PUD	3%	5%	82%	0%	11%	0%	0%
Grant PUD	4%	14%	49%	10%	23%	0%	0%
Grays Harbor PUD	21%	24%	29%	0%	26%	0%	0%
Inland Power	33%	36%	0%	13%	17%	0%	0%
Lewis PUD	27%	17%	31%	0%	25%	0%	0%
Mason PUD #3	18%	11%	43%	0%	28%	0%	0%
Pacific Power	31%	34%	27%	2%	6%	0%	0%
Peninsula Light	48%	26%	0%	0%	26%	0%	0%
Puget Sound Energy	42%	45%	5%	0%	4%	1%	3%
Seattle City Light	34%	38%	14%	0%	13%	0%	0%
Snohomish PUD	38%	35%	14%	0%	13%	0%	0%
Tacoma Power	28%	43%	13%	0%	11%	5%	0%
Total	34%	36%	19%	0%	9%	0%	1%

NEEA (Northwest Energy Efficiency Alliance) programs include savings in multiple end use sectors.

Source: Utility reports submitted June 1, 2018. Available at:

<http://www.commerce.wa.gov/EIA>

2018 Renewable Energy for Washington Qualifying Utilities

Comparison to 2017

Utility	Average Load 2016-2017 (MWh)	9% Renewable Target for 2018 (MWh)	Qualifying Renewables for 2018 (MWh)	Qualifying Renewables for 2018 (% of load)	Incremental Cost of Renewable Energy and RECs (% of revenue requirement)	Qualifying Renewables for 2017 (MWh)	Change from 2017 to 2018
Avista	5,697,837	512,805	899,199	15.8%	-1.0%	857,698	4.8%
Benton PUD	1,739,588	156,563	156,563	9.0%	2.7%	154,444	1.4%
Chelan PUD	1,658,102	149,229	149,229	9.0%	0.1%	140,546	6.2%
Clallam PUD	621,705	55,953	55,954	9.0%	0.9%	53,539	4.5%
Clark Public Utilities	4,483,340	403,501	39,301	0.9%	1.0%	175,300	-77.6%
Cowlitz PUD	4,980,982	448,288	448,289	9.0%	3.4%	452,350	-0.9%
Grant PUD	4,525,315	407,278	868,757	19.2%	0.0%	868,598	0.0%
Grays Harbor PUD	938,242	84,442	96,630	10.3%	1.1%	96,360	0.3%
Inland Power	893,078	80,377	80,377	9.0%	1.4%	75,571	6.4%
Lewis PUD	927,808	83,503	83,503	9.0%	2.0%	80,411	3.8%
Mason PUD #3	623,844	56,146	56,146	9.0%	2.3%	54,388	3.2%
Pacific Power	4,101,476	369,133	369,133	9.0%	0.7%	364,047	1.4%
Peninsula Light	585,586	52,703	52,703	9.0%	0.4%	50,326	4.7%
Puget Sound Energy	20,882,410	1,879,417	2,112,182	10.1%	1.4%	1,919,762	10.0%
Seattle City Light	9,294,549	836,509	836,671	9.0%	3.5%	825,208	1.4%
Snohomish PUD	6,439,941	579,595	1,169,222	18.2%	5.8%	1,051,344	11.2%
Tacoma Power	4,689,907	422,092	422,092	9.0%	0.7%	414,674	1.8%
Total	73,083,706	6,577,534	7,895,950	10.8%	1.9%	7,634,565	3.4%

Note:

Clark Public Utilities intends to comply under the 1% no-growth cost cap provision.

Source: Utility reports submitted June 1, 2018. Available at:

<http://www.commerce.wa.gov/EIA>

2018 Renewable Resources and RECs by Resource Type

Eligible Renewable Resource	Renewable Energy		Total	Percent of 2018 Total	Change from 2017 to 2018	2016 Total	2017 Total
	Energy (MWh)	Certificates					
Water	1,372,052	NA	1,372,052	17.4%	-1.3%	873,355	1,389,484
Wind	1,166,646	3,888,517	5,055,163	64.0%	4.4%	5,018,613	4,842,433
Solar	380	230,752	231,132	2.9%	359.9%	8,180	50,256
Geothermal	-	-	-	0.0%	-100.0%	75,357	75,000
Landfill Gas	-	145,839	145,839	1.8%	16.1%	121,415	125,650
Wave, Ocean, Tidal	-	-	-	0.0%	-	-	-
Gas from Sewage Treatment	-	42,242	42,242	0.5%	31.2%	17,500	32,186
Biodiesel Energy	-	-	-	0.0%	-	-	-
Biomass Energy	-	244,129	244,129	3.1%	23.2%	312,783	198,156
Qualified Biomass Energy	313,230	87,960	401,190	5.1%	-15.6%	288,970	475,467
Total Electric Generation	2,852,308	4,639,439	7,491,747		4.2%	6,716,173	7,188,632
Multiplier Factors							
Apprentice Labor	76,261	182,356	258,616	3.3%	-22.5%	238,387	333,484
Distributed Generation	NA	145,587	145,587	1.8%	29.5%	110,053	112,449
Total Multipliers	76,261	327,943	404,203			348,440	445,933
Total Generation and Multipliers	2,928,569	4,967,382	7,895,950	100%	3.4%	7,064,614	7,634,565

Notes:

One renewable energy certificate (REC) is equal to one megawatt-hour (MWh).
 Qualified Biomass Energy is from generating units that commenced operation before 1999.

Source: Utility reports submitted June 1, 2018. Available at:
<http://www.commerce.wa.gov/EIA>