



Washington Utilities and Transportation Commission

Distributed Generation Report

Report due by August 1 for the previous reporting year ending April 30.

Please use the following naming convention: distributedgeneration_companyname_reportyear.docx

Please file in the document in Docket UE-131883

Utility Name: **PUGET SOUND ENERGY**

Report Year Ending April 30, **2017**

Net Metering Distributed Generation Annual Report

Applicable to generation interconnected under the company's Washington State net metering tariff.

22.4	Utility's current net metering requirement under RCW 80.60.020 in MW.	
166	Percentage of current requirement installed.	
5505	Total number of customers with net metering systems as of the end of the Report Year.	2017
139	Total number of customers with meter aggregation as of the end of the Report Year.	2017

System Information							
Technology	New Systems Installed During Report Year			Total Installed Systems as of April 30, 2017			Exported ¹
	Number of Systems	Total Nameplate Capacity	Average System Size (kW AC)	Number of Systems	Total Nameplate Capacity	Average System Size (kW AC)	
Solar PV	1072	8359	7.8	5453	36831	6.8	
Wind				30	85	2.8	
Micro Hydro				5	45	9	
Hybrid: Solar/Wind				17	168	9.9	
Totals	1072	8359		5505	37129		18,066,635

Net Metering Credits		
Month	Aggregated number of net metering credits available.	Total number of net metering credits expired. ²
MAY	0	
JUNE	1,228,783	
JULY	2,279,382	
AUGUST	3,137,820	
SEPTEMBER	4,032,304	
OCTOBER	4,057,423	
NOVEMBER	3,175,811	
DECEMBER	1,992,061	
JANUARY	1,180,206	
FEBRUARY	870,931	
MARCH	688,514	
APRIL	832,478	1,098,636

Energy Production Data			
Month	Gross kWh produced by customer-generators with production meter.	Behind the meter consumption (kWh) for customer-generators with a production meter.	kWh exported to the grid from all installed net metering systems.
MAY	3,347,116	4,104,033	2,177,439
JUNE	3,839,611	4,015,366	2,416,051
JULY	3,930,894	3,886,568	2,630,722
AUGUST	4,363,201	4,024,006	2,792,932
SEPTEMBER	3,750,206	4,136,938	2,408,809
OCTOBER	2,672,461	4,402,549	1,703,026
NOVEMBER	1,270,535	5,699,708	632,849
DECEMBER	804,650	7,850,013	297,786
JANUARY	889,630	10,274,063	290,351
FEBRUARY	1,204,571	8,968,068	475,334
MARCH	1,690,062	7,768,782	756,498
APRIL	2,694,847	5,924,282	1,484,839

* Individual Net Metering Bank balances are reported at the end of the customer's billing cycle. The balances provided here are the sum of all balances billed/reported during the previous calendar month. Not all customers bill monthly.

¹ kWh exported to the grid from all installed net metering systems.

² The total number of net metering credits that expired under RCW 80.60.030(5) on April 30



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Non-Net Metering Distributed Generation Annual Report

Applies only to generation facilities not utilizing the company's net metering tariff that are interconnected to the company's Washington state electric distribution system.

System Information

Technology	New Systems Installed During Report Year			Total Installed Systems as of April 30, 2017			Tariff
	Number of Systems	Total Nameplate Capacity	Average System Size (kW AC)	Number of Systems	Total Nameplate Capacity	Average System Size (kW AC)	
Bio-Methane				6	4,172	695.3	91
Landfill				1	4,500	4500	91
Hydro				5	9,268	1854	91
PV	1	828	828	5	1,284	257	91
Wind				3	5,753	1918	91
Totals	1	828		20	24977		