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*

*Pleas file in the document in Docket UE-131883*

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| --- | --- |
| Utility Name: | PUGET SOUND ENERGY |

|  |  |
| --- | --- |
| Report Year Ending April 30, | 2016 |

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| Net Metering Distributed Generation Annual Report  *Applicable to generation interconnected under the company's Washington State net metering tariff.* |

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| --- | --- | --- |
| 22.4 | Utility's current net metering requirement under RCW 80.60.020 in MW. |  |
| 129% | Percentage of current requirement installed. |  |
| 4433 | Total number of customers with net metering systems as of the end of the Report Year. | 2016 |
| 91 | Total number of customers with meter aggregation as the end of the Report Year. | 2016 |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| System Information | | | | | | | |
|  | New Systems Installed During Report Year | | | Total Installed Systems as of April 30, 2017 | | |  |
| Technology | Number of Systems | Total Nameplate Capacity | Average System Size (kW AC) | Number of Systems | Total Nameplate Capacity | Average System Size (kW AC) | Exported[[1]](#footnote-1) |
| Solar PV | 1496 | 10678 | 7.1 | 4382 | 28498 | 6.5 |  |
| Wind | 1 | 2.5 | 2.5 | 29 | 83 | 2.9 |  |
| Micro Hydro | 1 | 25 | 25 | 5 | 45 | 9 |  |
| Hybrid: Solar/Wind |  |  |  | 17 | 168 | 9.9 |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Totals | 1498 | 10706 |  | 4433 | 28794 |  |  |

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| Net Metering Credits | | |  | Energy Production Data | | | | |
| Month | Aggregated number of net metering credits available. | Total number of net metering credits expired.[[2]](#footnote-2) |  | 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 | TBD |  |  | MAY | TBD | TBD | TBD |
| JUNE | TBD |  |  | JUNE | TBD | TBD | TBD |
| JULY | TBD |  |  | JULY | TBD | TBD | TBD |
| AUGUST | TBD |  |  | AUGUST | TBD | TBD | TBD |
| SEPTEMBER | TBD |  |  | SEPTEMBER | TBD | TBD | TBD |
| OCTOBER | TBD |  |  | OCTOBER | TBD | TBD | TBD |
| NOVEMBER | TBD |  |  | NOVEMBER | TBD | TBD | TBD |
| DECEMBER | TBD |  |  | DECEMBER | TBD | TBD | TBD |
| JANUARY | TBD |  |  | JANUARY | TBD | TBD | TBD |
| FEBRUARY | TBD |  |  | FEBRUARY | TBD | TBD | TBD |
| MARCH | TBD |  |  | MARCH | TBD | TBD | TBD |
| APRIL | TBD | 1,182,742 |  | APRIL | TBD | TBD | TBD |

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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.* |

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| System Information | | | | | | | |
|  | New Systems Installed During Report Year | | | Total Installed Systems as of April 30, 2017 | | |  |
| Technology | Number of Systems | Total Nameplate Capacity | Average System Size (kW AC) | Number of Systems | Total Nameplate Capacity | Average System Size (kW AC) | Tariff |
| Bio-Methane |  |  |  | 6 | 4,172 | 695 | 91 |
| Landfill |  |  |  | 1 | 4,500 | 4500 | 91 |
| Hydro | 1 | 448 | 448 | 5 | 9,268 | 1854 | 91 |
| PV |  |  |  | 4 | 456 | 114 | 91 |
| Wind |  |  |  | 3 | 5,753 | 1918 | 91 |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Totals | 1 | 448 |  | 19 | 24147 |  |  |

1. kWh exported to the grid from all installed net metering systems. [↑](#footnote-ref-1)
2. The total number of net metering credits that expired under RCW 80.60.030(5) on April 30 [↑](#footnote-ref-2)