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: | Avista Utilities |

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| Report Year Ending April 30, | 2017 |

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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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| 7.6 MW | Utility's current net metering requirement under RCW 80.60.020 in MW. |  |
| 35.71 | Percentage of current requirement installed. |  |
| 437 | Total number of customers with net metering systems as of the end of the Report Year. | 2017 |
| 7 | Total number of customers with meter aggregation as the end of the Report Year. | 2017 |

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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 | 100 | 803 kW | 8.0 | 412 | 2,561 kW | 6.2 | 259204 |
| Wind | 0 | 0 | 0 | 27 | 153 kW | 5.7 | 23169 |
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| Totals | 100 | 803 kW |  | 437 | 2714 kW |  | 282373 |

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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 | 46207 |  |  | MAY | 256502 | 210295 | 46207 |
| JUNE | 81819 |  |  | JUNE | 293511 | 249683 | 43828 |
| JULY | 144846 |  |  | JULY | 351797 | 297556 | 54241 |
| AUGUST | 186443 |  |  | AUGUST | 330414 | 279841 | 50573 |
| SEPTEMBER | 268533 |  |  | SEPTEMBER | 344608 | 288196 | 56412 |
| OCTOBER | 206753 |  |  | OCTOBER | 192033 | 178414 | 13619 |
| NOVEMBER | 210943 |  |  | NOVEMBER | 123531 | 120092 | 3439 |
| DECEMBER | 152511 |  |  | DECEMBER | 82147 | 81766 | 381 |
| JANUARY | 87736 |  |  | JANUARY | 66757 | 66706 | 51 |
| FEBRUARY | 60813 |  |  | FEBRUARY | 96576 | 96212 | 364 |
| MARCH | 52297 |  |  | MARCH | 135966 | 133687 | 2279 |
| APRIL | 60761 | 60761 |  | APRIL | 258858 | 247879 | 10979 |

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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 |
| Hydro |  |  |  | 3 | 2360 kW | 786.7 |  |
| Solar |  |  |  | 1 | 360 kW | 360 |  |
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| Totals | 0 | 0 |  | 4 | 2720 kW |  |  |

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)