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 Corp |

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| Report Year Ending April 30, | 2018 |

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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 | Utility's current net metering requirement under RCW 80.60.020 in MW. |  |
| 53.29 | Percentage of current requirement installed. |  |
| 600 | Total number of customers with net metering systems as of the end of the Report Year. | 2018 |
| 11 | Total number of customers with meter aggregation as the end of the Report Year. | 2018 |

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| System Information |
|  | New Systems Installed During Report Year | Total Installed Systems as of April 30, 2018 |  |
| 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 | 161 | 1.265MW | 7.86 | 572 | 3.89MW | 6.8 | 450617 |
| Wind | 0 | 0 | 0 | 28 | 0.16 | 5.7 | 21056 |
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| Totals |  161 | 1.265MW |  | 600 | 4.05MW |  |  |

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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 | 35918 |  |  | MAY | 318871 | 281951 | 36920 |
| JUNE | 122682 |  |  | JUNE | 410824 | 333194 | 77630 |
| JULY | 256140 |  |  | JULY | 530451 | 432482 | 97969 |
| AUGUST | 227210 |  |  | AUGUST | 470159 | 412106 | 58053 |
| SEPTEMBER | 360925 |  |  | SEPTEMBER | 469191 | 415233 | 53958 |
| OCTOBER | 332667 |  |  | OCTOBER | 303813 | 259102 | 44711 |
| NOVEMBER | 268148 |  |  | NOVEMBER | 174908 | 169492 | 5416 |
| DECEMBER | 191176 |  |  | DECEMBER | 94879 | 77772 | 17107 |
| JANUARY | 147370 |  |  | JANUARY | 75825 | 60026 | 15799 |
| FEBRUARY | 123015 |  |  | FEBRUARY | 158902 | 140563 | 18339 |
| MARCH | 118287 |  |  | MARCH | 250089 | 204318 | 45771 |
| APRIL | 25335 | 25335 |  | APRIL | 401421 | 365813 | 35608 |

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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 |
|  |  |  |  | 3 | 2360 kW | 786.7 |  |
|  |  |  |  | 1 | 360 kW | 360 |  |
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|  |  |  |  |  |  |  |  |
| Totals |  |  |  | 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)