

BPA Fuel Mix Percent Summary Calendar Years 2016-2019

| Type | 2016 | 2017 | 2018 | 2019 | % Change |
|--------------------------------------|-------------|-------------|---------------|-------------|----------|
| Biomass and Waste | 0.05% | 0.00% | 0.00% | 0.00% | 0.00% |
| Geothermal | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| Small Hydroelectric | 0.96% | 0.91% | 0.73% | 0.84% | 0.10% |
| Solar | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| Wind with RECs ¹ | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| Coal | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| Large Hydroelectric | 84.16% | 86.54% | 85.07% | 82.32% | -2.75% |
| Natural Gas | 0.01% | 0.01% | 0.01% | 0.00% | -0.01% |
| Nuclear | 11.09% | 8.78% | 10.60% | 11.45% | 0.85% |
| Non Specified purchases ² | 2.80% | 3.00% | 2.74% | 4.76% | 2.03% |
| Wind without RECs ¹ | 0.93% | 0.75% | 0.85% | 0.62% | -0.23% |
| Total | 100% | 100% | 100.0% | 100% | |

Notes:

1. BPA conveys its REC to other parties and does not retire them.
2. Non Specified purchases are purchases made from another system without knowledge of specific fuel type. Reporting agencies in Washington assign their generic fuel mix to the BPA purchase amount based on their determination of the Northwest power pool region resources. Reporting agencies in California account for certain wind plants as non specified purchases based on their REC reporting status.

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