

AEP Energy

Delaware Quarterly Fuel Resource Mix



The disclosure of this information is required under 26 Del. Admin. C § 3001-7.1.3.

When you choose a retail electric supplier, the supplier is responsible for purchasing power that is added to the power grid in an amount equivalent to your electricity use. Electricity customers served by AEP Energy that are located in Delmarva's service territory are supplied by system power purchased from PJM, the local regional transmission organization. AEP Energy does not provide power from any particular generating facilities; rather, the PJM system power purchased by AEP Energy consists of electricity from a variety of power plants that PJM then transmits throughout the region as needed to meet the requirements of all customers in the PJM territory (including Pennsylvania, New Jersey, Maryland, Delaware, Washington, DC, and the Commonwealth Edison Territory in Illinois).

AEP Energy reports fuel sources and emissions data from PJM to its customers quarterly, allowing customers to compare data among the companies providing electricity service in Delaware. This product mix is subject to change and is updated on a quarterly basis.

Sources of Electricity Supplied from October through December 2017

PJM System Mix

The following distribution of energy resources was used to produce electricity in the PJM Region from the System Mix

| Fuel Type | Fuel Sub Type | Percentage by | |
|------------|------------------------------------|---------------|---------------|
| | | Fuel Type | Fuel Sub Type |
| Coal | | 30.94 | |
| | Coal- Bituminous and Anthracite | | 25.99 |
| | Coal- Sub-Bituminous | | 3.66 |
| | Coal- Waste/Other | | 1.29 |
| Gas | | 26.79 | |
| | Gas- Natural Gas | | 26.79 |
| Nuclear | | 36.76 | |
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| Oil | | 0.18 | |
| | Fuel Cell- Non-Renewable | | 0.03 |
| | Oil- Distillate Fuel Oil | | 0.03 |
| | Oil- Petroleum Coke | | 0.12 |
| | Oil- Kerosene | | 0.00 |
| | Oil- Jet Fuel | | 0.00 |
| | Oil- Residual Fuel Oil | | 0.00 |
| Renewables | | 5.33 | |
| | Biomass | | 0.00 |
| | Captured Methane- Coal Mine Gas | | 0.03 |
| | Captured Methane- Landfill Gas | | 0.31 |
| | Hydro- Conventional | | 0.85 |
| | Solar- Photovoltaic | | 0.16 |
| | Solid Waste- Municipal Solid Waste | | 0.49 |
| | Wind | | 3.31 |
| | Wood- Black Liquor | | 0.03 |
| | Wood- Wood/Wood Waste Solids | | 0.16 |
| | Biomass- Other Biomass Gases | | 0.00 |
| Total | | 100.00 | 100.00 |

The PJM System average emission levels are based on data for Q3 2017 (October- December 2017) from PJM Generation Attributes Tracking System (GATS).