

# Environmental Information Disclosure (EID) for the Electricity Product of FirstEnergy Solutions Corp.

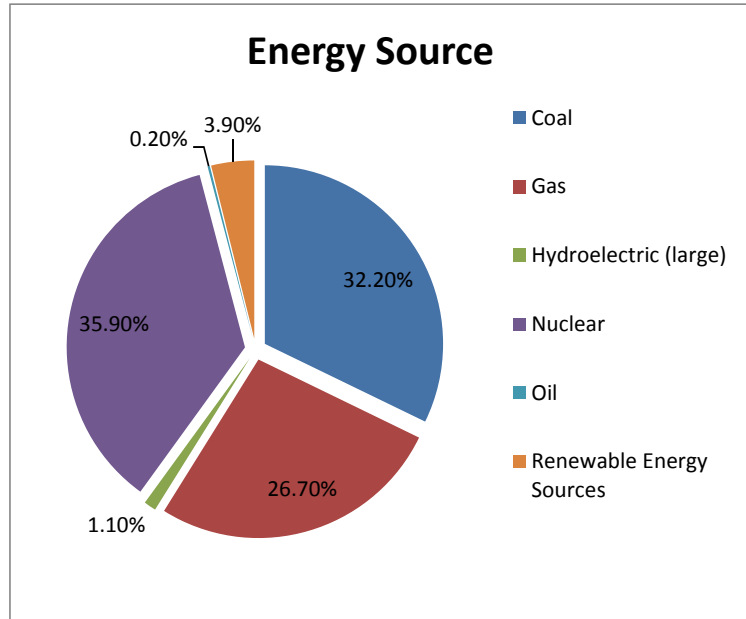
Electricity Supplied from June 1, 2017 to May 31, 2018

Below is the default EID Label describing the resources used to generate electricity for customers of FirstEnergy Solutions Corp.

## PJM System Mix

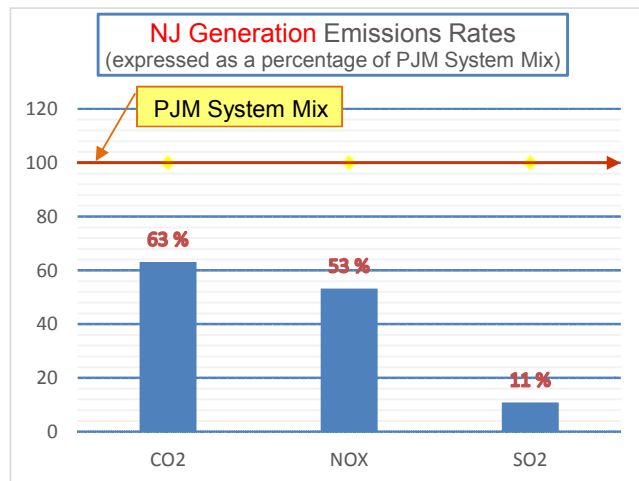
### Energy Source

Coal	32.20%
Gas	26.70%
Hydroelectric (large)	1.10%
Nuclear	35.90%
Oil	0.20%
Renewable Energy Sources	
Captured methane gas	0.30%
Fuel cells	0.00%
Geothermal	0.00%
Hydroelectric (small)	0.00%
Solar	0.20%
Solid waste	0.50%
Wind	2.60%
Wood or other biomass	0.30%
Total:	100.00%
Renewable Energy Sources Subtotal	3.90%



## Air Emissions Rates

The emission data given are default values and represent the average amount of air pollution associated with the generation of electricity in the region. This amount is New Jersey benchmark. The benchmark compared to the approximates the average emission rate for all electricity generation in New Jersey. The Benchmark Energy Source and emission rate data is the PJM System Mix for EY 2018 and represent the average amount of air pollution associated with the generation of electricity in the PJM region. CO<sub>2</sub> is a "greenhouse gas" which may contribute to global climate change. NO<sub>x</sub> and SO<sub>2</sub> react to form acids found in acid rain. NO<sub>x</sub> also reacts to form ground level ozone, an unhealthy component of "smog." For illustrative purposes, the chart below compares a hypothetical electricity product that contained 100% NJ generation sources to the PJM System Mix.



Data Source	CO <sub>2</sub> (lb/MWh)	NO <sub>x</sub> (lb/MWh)	SO <sub>2</sub> (lb/MWh)
PJM System Mix	947.59	0.62	0.74
NJ Benchmark	598.00	0.33	0.08

	CO <sub>2</sub>	NO <sub>x</sub>	SO <sub>2</sub>
PJM System Mix (%)	100	100	100
NJ Generation (%)	63	53	11

With in-depth analysis, the environmental characteristics of any form of electric generation will reveal benefits as well as costs. For further information, contact FirstEnergy Solutions Corp. at [www.fes.com](http://www.fes.com) or by phone at 1-888-254-6359.