

Environmental Information for Electricity Services Provided by NextEra Energy Services Maryland, LLC

The following environmental information is for electricity supplied through
NextEra Energy Services Maryland, LLC from July 1, 2019 through June 30, 2020.

Power Plants can generate electricity from a number of different fuel sources, resulting in different emissions. NextEra Energy Services Maryland, LLC reports fuel sources and emissions data to customers in June and December of each year, Allowing customers to compare data among the companies providing electricity serviced in Maryland. The standardized environmental data below reflects the regional averages of most power plants in the Mid-Atlantic region and incorporates NextEra Energy Services Maryland, LLC's renewable portfolio standard requirements.

Energy Sources (Fuel Mix)*		
The values Shown represent July 2019 - June 2020 average fuel mix for the Mid-Atlantic Region (PJM)	Coal	20.42%
	Gas	39.20%
	Nuclear	34.42%
	Oil	0.12%
	Fuel Cell	0.03%
	Other	0.33%
	Renewable Energy	
	Air-source heat pump	0.00%
	Geothermal	0.00%
	Solar	0.41%
Solid Waste	0.52%	
Hydro-electric	1.29%	
Wind	3.11%	
Wood or other Biomass	0.16%	
Renewable energy sources subtotal: <u>5.49%</u>	TOTAL **	100.00%
*Energy Source data has been rounded to the nearest hundredth of a percent and may not reflect exact totals.		
Air Emissions		
The amount of air pollution associated with the generation of the electricity of production for this region is shown in the table at the right.	Pounds Emitted per Megawatt Hour of Electricity Generated:	
	Sulfur Dioxide (SO ₂)	0.4446
	Nitrogen Oxides (NO _x)	0.38
	Carbon Dioxide (CO ₂)	803.53
CO ₂ is a "greenhouse gas", which may contribute to global climate change. SO ₂ and NO _x release into the atmosphere react to form acid rain. NO _x also react to form ground level ozone, and unhealthy component of "smog".		