



Washington Gas Energy Services

A Washington Gas Affiliated Company

Environmental Information for: Electric Power Supply Service for Pennsylvania Provided by: Washington Gas Energy Services, Inc. (WGES)

The following environmental information reflects the PJM average residual mix for calendar year 2010.

The WGES average is for electricity supplied by WGES to PPL territory from January 1, 2010 to December 31, 2010. Last updated July 2011.

	PJM Average Residual Mix	WGES PA Average*	3.5% Wind (PJM)*	5% Wind (PJM)*	50% Wind (PJM)*	100% Wind (PJM)*
Coal	48.8 %	43.3 %	42.9 %	42.2 %	20.2 %	0.0 %
Gas	11.5 %	10.4 %	10.3 %	10.1 %	4.9 %	0.0 %
Nuclear	35.4 %	31.4 %	31.1 %	30.6 %	14.6 %	0.0 %
Oil	0.5 %	0.4 %	0.4 %	0.4 %	0.2 %	0.0 %
Renewable Energy						
Captured Methane Gas	0.0 %	1.1 %	1.1 %	1.1 %	1.1 %	0.0 %
Geothermal	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
Solar Voltaic	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
Solar Thermal	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
Solid Waste	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
Hydro-electric	0.1 %	5.8 %	5.8 %	5.8 %	5.8 %	0.0 %
Wind	0.0 %	2.7 %	3.5 %	5.0 %	50.0 %	100.0 %
Wood or other Biomass	0.0 %	1.6 %	1.6 %	1.6 %	1.6 %	0.0 %
Other	3.7 %	3.3 %	3.2 %	3.2 %	1.5 %	0.0 %
Total	100.0 %	100.0 %	100.0 %	100.0 %	100.0 %	100.0 %

Washington Gas Energy Services, Inc. (WGES) is providing this Environmental Information for Electric Power Supply Service in accordance with the Pennsylvania Utilities Commission's Final Order Act 129. Power plants can generate electricity from a number of different fuel sources. WGES updates fuel sources quarterly, allowing customers to compare data among the companies providing electricity service to Pennsylvania.

* The WGES wind percentages shown correspond to PJM values only. Standard residential customers receive 5% PJM-sourced wind, standard small commercial customers receive 3.5% PJM-sourced wind, and large commercial customer wind products may vary.