



# Washington Gas Energy Services

*A Washington Gas Affiliated Company*

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

The following environmental information reflects the PJM average system mix. Latest data available November 2009.  
The WGES average is for electricity supplied by WGES to PPL territory. Last updated January 2010.

	PJM Average System Mix	WGES PA Average*	3.5% Wind (PJM)*	5% Wind (PJM)*	50% Wind (PJM)*	100% Wind (PJM)*
Coal	50.4 %	50.4 %	48.6 %	47.9 %	25.2 %	0.0 %
Gas	8.6 %	8.6 %	8.3 %	8.2 %	4.3 %	0.0 %
Nuclear	37.3 %	37.3 %	36.0 %	35.4 %	18.7 %	0.0 %
Oil	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
Renewable Energy			0.0	0.0	0.0	0.0
Captured Methane Gas	0.3 %	0.3 %	0.3 %	0.3 %	0.1 %	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	0.6 %	0.6 %	0.6 %	0.6 %	0.3 %	0.0 %
Hydro-electric	1.3 %	1.3 %	1.2 %	1.2 %	0.6 %	0.0 %
Wind	1.3 %	1.3 %	4.7 %	6.2 %	50.6 %	100.0 %
Wood or other Biomass	0.2 %	0.2 %	0.2 %	0.2 %	0.1 %	0.0 %
Other	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
<b>Total</b>	<b>100.0 %</b>	<b>100.0 %</b>	<b>100.0 %</b>	<b>100.0 %</b>	<b>100.0 %</b>	<b>100.0 %</b>

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.