pepco
Energy Services

November 30, 2006

RE: Quarterly Fuel Mix and Air Emissions Report

Chief Clerk
Illinois Commerce Commission
527 East Capitol Ave
Springfield, IL 62701

To Whom It May Concern:

Pursuant to the environmental disclosure requirements of 83 Ill. Adm. Code 421, Pepco Energy Services, Inc. ("PES") hereby submits its quarterly report on fuel mix and air emissions for the period of October 1, 2005 through September 30, 2006. PES is a licensed electricity supplier within the State of Illinois and currently serves only commercial customers within the distribution service territory of the Commonwealth Edison Company.

At present, all PES electricity products sold in Illinois are based on non-renewable energy resources. These non-renewable products are not sourced from specific generation assets. As a result, the fuel mix and air emissions associated with these products are identical to the system average fuel mix and air emissions data provided by the PJM Interconnection, LLC ("PJM").

The enclosed Pepco Energy Services' fuel mix and air emissions reports are based on data provided by PJM's Generator Attributes Tracking System ("GATS"). GATS provides fuel mix and air emissions data on a quarterly basis. PES' quarterly report for the period of October 1, 2005 through September 30, 2006 is based on an average aggregation of the GATS information for the specified period, weighted by PES' energy sales (in MWH) for each quarter. Copies of the relevant GATS quarterly reports, which underlie PES' calculations, are included with this filing as Enclosures Nos. 1 through 4.

PES' standard electricity product is sourced completely from non-specific generation assets. The enclosed fuel mix and air emissions report includes summary information for all of PES' Illinois commercial customers (Enclosure Nos. 5 through 7).

For record keeping purposes, I have enclosed an additional copy of this filing. Please date stamp and return this additional copy to my attention via the enclosed envelope.

1300 North 17th Street • Suite 1600 • Arlington • VA • 22209 • 703-253-1800 • Fax 703-253-1725 • www.pepcoenergy.com

Pepco Energy Services, Inc. is not the same company as Potomac Electric Power Company (Pepco), the regulated utility, and prices and services of Pepco Energy Services, Inc. are not set by the Public Service Commission.

Please contact me at (703) 253-1701 with any questions regarding this matter.

Sincerely,

Greg Simmons
Manager, Mid-Atlantic / Midwest Region
Pepco Energy Services, Inc.

Enclosures

Enclosure No. 1

Fuel Mix and Air Emissions Information for the PJM System - 2005, Q4

Year	Quarter	Fuel	PJM MWH	PJM Percentage by Fuel	(Contribution to 1 MWH of System Mix Emissions for Each Fuel in lbs/MWH) Carbon Dioxide	Nitrogen Oxides	Sulphur Dioxides
2005	4	Captured Methane - Coal Mine Gas	7,858	0.00442	0.00031	0.00014	0.00000
2005	4	Captured Methane - Landfill Gas	254,859	0.14342	0.26587	0.00298	0.00072
2005	4	Coal - Bituminous and Anthracite	88,766,430	49.95230	1018.07339	2.06538	7.15594
2005	4	Coal - Coal-based Synfuel	558,346	0.31420	8.71779	0.01892	0.01156
2005	4	Coal - Sub-Bituminous	10,525,284	5.92298	139.41174	0.22071	0.34415
2005	4	Coal - Waste/Other	2,545,599	1.43251	31.96498	0.12587	0.16182
2005	4	Gas - Natural Gas	5,478,715	3.08308	41.09849	0.06031	0.05166
2005	4	Gas - Other	2,397	0.00135	0.02272	0.00006	0.00005
2005	4	Hydro - Conventional	1,877,913	1.05677	0.00000	0.00000	0.00000
2005	4	Nuclear	64,175,502	36.11404	0.00000	0.00000	0.00000
2005	4	Oil - Distillate Fuel Oil	241,055	0.13565	3.12735	0.00901	0.00213
2005	4	Oil - Jet Fuel	95	0.00005	0.00125	0.00000	0.00000
2005	4	Oil - Kerosene	8,609	0.00484	0.10785	0.00028	0.00009
2005	4	Oil - Residual Fuel Oil	1,787,861	1.00610	23.69406	0.04134	0.11914
2005	4	Oil - Waste/Other Oil	153	0.00009	0.00200	0.00000	0.00000
2005	4	Solid Waste - Municipal Solid Waste	1,005,902	0.56606	6.11838	0.02454	0.00270
2005	4	Solid Waste - Tire Derived Fuel	278	0.00016	0.00119	0.00001	0.00000
2005	4	Wind	210,872	0.11867	0.00000	0.00000	0.00000
2005	4	Wood - Black Liquor	70,594	0.03973	0.12860	0.00110	0.00044
2005	4	Wood - Wood/Wood Waste Solids	184,063	0.10358	0.00026	0.00242	0.00004
		TOTAL	**177,702,385**	**100.00000**	**1272.73622**	**2.57307**	**7.85043**

Enclosure No. 2

Fuel Mix and Air Emissions Information for the PJM System - 2006, Q1

Year	Quarter	Fuel	PJM MWH	PJM Percentage by Fuel	(Contribution to 1 MWH of System Mix Emissions for Each Fuel in lbs/MWH) Carbon Dioxide	Nitrogen Oxides	Sulphur Dioxides
2006	1	Captured Methane - Coal Mine Gas	4,051	0.00229	0.02799	0.00002	0.00000
2006	1	Captured Methane - Landfill Gas	259,804	0.14713	0.32174	0.00439	0.00093
2006	1	Coal - Bituminous and Anthracite	92,864,967	52.59026	1057.04107	1.91196	8.04818
2006	1	Coal - Coal-based Synfuel	635,007	0.35961	9.52714	0.02103	0.01389
2006	1	Coal - Sub-Bituminous	9,619,960	5.44787	124.45498	0.20206	0.31782
2006	1	Coal - Waste/Other	2,971,737	1.68292	39.69033	0.09514	0.27025
2006	1	Gas - Natural Gas	4,708,815	2.66664	30.62574	0.02537	0.00699
2006	1	Gas - Other	2,532	0.00143	0.04816	0.00006	0.00002
2006	1	Hydro - Conventional	2,349,529	1.33056	0.00000	0.00000	0.00000
2006	1	Nuclear	61,543,146	34.85243	0.00000	0.00000	0.00000
2006	1	Oil - Distillate Fuel Oil	62,905	0.03562	0.77665	0.00205	0.00057
2006	1	Oil - Jet Fuel	107	0.00006	0.00141	0.00000	0.00000
2006	1	Oil - Kerosene	3,162	0.00179	0.04112	0.00010	0.00003
2006	1	Oil - Residual Fuel Oil	61,984	0.03510	0.72917	0.00118	0.00327
2006	1	Solid Waste - Municipal Solid Waste	985,206	0.55793	4.93082	0.02660	0.00274
2006	1	Wind	243,600	0.13795	0.00000	0.00000	0.00000
2006	1	Wood - Black Liquor	65,286	0.03697	0.05390	0.00089	0.00021
2006	1	Wood - Wood/Wood Waste Solids	200,273	0.11342	0.04178	0.00256	0.00023
		TOTAL	**176,582,071**	**100.00000**	**1268.31201**	**2.29343**	**8.66512**

Enclosure No. 3

Fuel Mix and Air Emissions Information for the PJM System - 2006, Q2

Year	Quarter	Fuel	PJM MWH	PJM Percentage by Fuel	(Contribution to 1 MWH of System Mix Emissions for Each Fuel in lbs/MWH) Carbon Dioxide	Nitrogen Oxides	Sulphur Dioxides
2006	2	Captured Methane - Coal Mine Gas	7,316	0.00435	0.05307	0.00004	0.00000
2006	2	Captured Methane - Landfill Gas	272,043	0.16172	0.19745	0.00386	0.00007
2006	2	Coal - Bituminous and Anthracite	83,794,142	49.81230	999.65039	1.78877	7.32496
2006	2	Coal - Coal-based Synfuel	350,253	0.20821	5.51614	0.01218	0.00804
2006	2	Coal - Sub-Bituminous	7,414,629	4.40770	100.12227	0.13981	0.25456
2006	2	Coal - Waste/Other	2,723,532	1.61903	34.85651	0.13635	0.10079
2006	2	Gas - Natural Gas	8,329,488	4.95155	61.99476	0.04375	0.00861
2006	2	Gas - Other	6,171	0.00367	0.12322	0.00015	0.00005
2006	2	Hydro - Conventional	1,776,898	1.05630	0.00000	0.00000	0.00000
2006	2	Nuclear	61,850,337	36.76758	0.00000	0.00000	0.00000
2006	2	Oil - Distillate Fuel Oil	72,437	0.04306	0.90401	0.00230	0.00075
2006	2	Oil - Jet Fuel	66	0.00004	0.00091	0.00000	0.00000
2006	2	Oil - Kerosene	1,962	0.00117	0.02431	0.00007	0.00002
2006	2	Oil - Residual Fuel Oil	195,585	0.11627	2.04915	0.00296	0.00729
2006	2	Solid Waste - Municipal Solid Waste	1,042,045	0.61945	6.09638	0.02696	0.00301
2006	2	Wind	171,115	0.10172	0.00000	0.00000	0.00000
2006	2	Wood - Black Liquor	65,357	0.03885	0.12577	0.00107	0.00043
2006	2	Wood - Wood/Wood Waste Solids	146,397	0.08703	0.00030	0.00206	0.00003
		TOTAL	**168,219,773**	**100.00000**	**1211.71464**	**2.16031**	**7.70862**

Enclosure No. 4

Fuel Mix and Air Emissions Information for the PJM System - 2006, Q3

Year	Quarter	Fuel	PJM MWH	PJM Percentage by Fuel	(Contribution to 1 MWH of System Mix Emissions for Each Fuel in lbs/MWH) Carbon Dioxide	Nitrogen Oxides	Sulphur Dioxides
2006	3	Captured Methane - Coal Mine Gas	25,090	0.01247	0.15217	0.00011	0.00000
2006	3	Captured Methane - Landfill Gas	242,453	0.12051	0.32557	0.00327	0.00033
2006	3	Coal - Bituminous and Anthracite	97,203,942	48.31336	969.69182	1.75417	7.16078
2006	3	Coal - Coal-based Synfuel	522,593	0.25974	6.88142	0.01519	0.01003
2006	3	Coal - Sub-Bituminous	10,568,538	5.25289	119.76595	0.18916	0.30041
2006	3	Coal - Waste/Other	3,064,942	1.52337	33.16116	0.12042	0.09159
2006	3	Gas - Natural Gas	19,160,661	9.52344	127.75088	0.09543	0.02675
2006	3	Gas - Other	7,397	0.00368	0.12349	0.00015	0.00005
2006	3	Hydro - Conventional	1,685,191	0.83759	0.00000	0.00000	0.00000
2006	3	Nuclear	65,545,081	32.57793	0.00000	0.00000	0.00000
2006	3	Oil - Distillate Fuel Oil	305,838	0.15201	3.28651	0.00845	0.00460
2006	3	Oil - Jet Fuel	545	0.00027	0.00631	0.00001	0.00002
2006	3	Oil - Kerosene	23,119	0.01149	0.20416	0.00072	0.00019
2006	3	Oil - Residual Fuel Oil	1,378,344	0.68508	13.02779	0.02127	0.05786
2006	3	Oil - Waste/Other Oil	5,687	0.00283	0.06561	0.00016	0.00005
2006	3	Solid Waste - Municipal Solid Waste	1,060,002	0.52685	5.32161	0.02342	0.00255
2006	3	Wind	154,132	0.07661	0.00000	0.00000	0.00000
2006	3	Wood - Black Liquor	69,623	0.03460	0.11202	0.00095	0.00038
2006	3	Wood - Wood/Wood Waste Solids	171,569	0.08528	0.00009	0.00201	0.00003
		TOTAL	**201,194,747**	**100.00000**	**1279.87656**	**2.23491**	**7.65562**

Enclosure No. 5

Source of Electricity Table

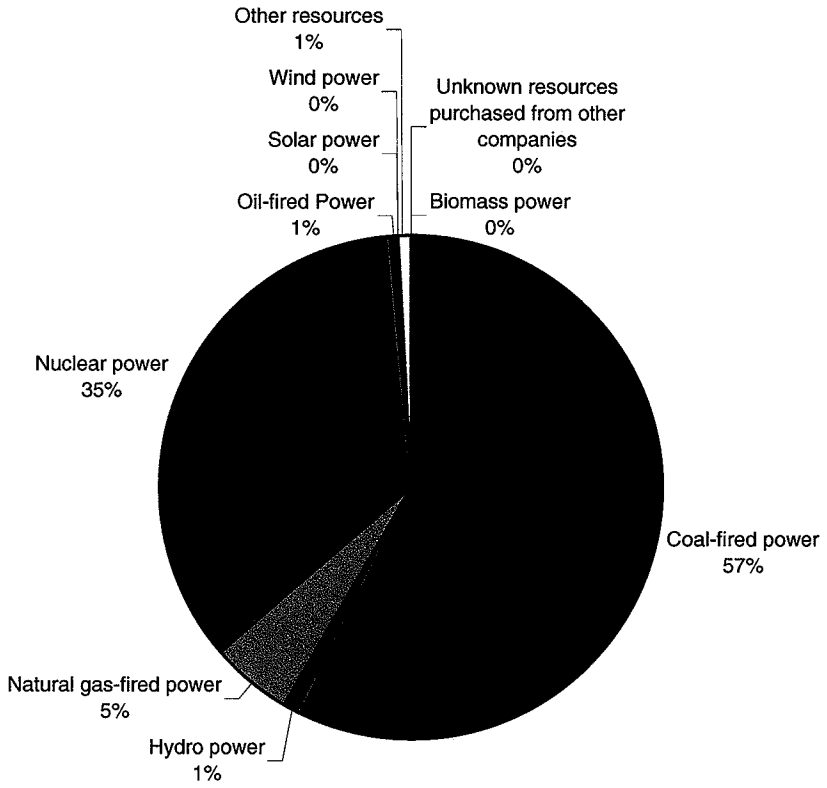
Pepco Energy Services, Inc.

Sources of Electricity Supplied for the 12 months ending 09-30-06	Percentage of Total
Biomass power	0.1%
Coal-fired power	57.2%
Hydro power	1.1%
Natural gas-fired power	5.2%
Nuclear power	35.0%
Oil-fired Power	0.6%
Solar power	0.0%
Wind power	0.1%
Other resources	0.7%
Unknown resources purchased from	0.0%
Total	100.0%

Enclosure No. 6

Source of Electricity Supplied for the 12 months ending 09-30-06

Pepco Energy Services, Inc.



Enclosure No. 7

Average Amounts of Emissions and Amount of Nuclear Waste per 1000 kilo-watt hours (kWh) Produced for Known[1] Sources for the 12 months ending 09-30-06 Pepco Energy Services, Inc.	
Carbon Dioxide	1,259.46 lbs per MWH
Nitrogen Oxides	2.31 lbs per MWH
Sulfur Dioxide	7.96 lbs per MWH
High-Level Nuclear Waste	*
Low-Level Nuclear Waste	*

1) Pepco Energy Services certifies the fuel mix and air emissions associated with its products are identical to the system average fuel mix and air emissions data provided by the PJM Interconnection, LLC ("PJM").

*) At present, the PJM Generator Attributes Tracking System ("GATS") does not report this data. As a result, the amount of nuclear waste attributable to producing this electricity is not known and is not included in this table.