

A-110550

ARP 2011



Richard G. Webster, Jr.  
Director  
Rates and Regulatory Affairs

Telephone 215.841.4000 ext 5777  
Fax 215.841.6208  
www.exeloncorp.com  
dick.webster@exeloncorp.com

PECO Energy Company  
2301 Market Street, S15  
Philadelphia, PA 19103

Mail To: 8699  
Philadelphia, PA 19101-8699

RECEIVED

FEB 28 2011

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

February 28, 2011

ORIGINAL

Rosemary Chiavetta, Secretary  
Pennsylvania Public Utility Commission  
Commonwealth Keystone Building  
400 North Street - P.O. Box 3265  
Harrisburg, PA 17120-3265

ARP-110550

SUBJECT: PECO Energy Company's 2011 Annual Resource Planning Report

Dear Secretary Chiavetta:

In response to 52 Pa. Code §§ 57.141 - 57.154, the Company is hereby submitting to the Pennsylvania Public Utility Commission one original and three copies of its 2011 Annual Resource Planning Report.

Please acknowledge receipt of the foregoing on the enclosed copy of this letter.

Sincerely,

enclosures

cc: Office of Consumer Advocate  
Pennsylvania Energy Office  
Office of Small Business Advocate  
Bureau of Conservation, Economics, and Energy Planning  
Office of Trial Staff

Company Name: PECO Energy Company (Gas Services Group)  
 FORM-IRP-GAS-1A. ANNUAL ENERGY DEMAND REQUIREMENTS (January 1 through December 31)

Millions of Cubic Feet (MMCF)

	Index Year Actual Year	Historical Data		Current Year	Three Year Forecast		
		-2 2009	-1 2010	0 2011	1 2012	2 2013	3 2014

**FIRM REQUIREMENTS**

01	Retail Residential	37,768	37,739	38,807	38,939	38,532	38,104
02	Retail Commercial	18,785	18,531	18,956	19,093	18,972	18,945
03	Retail Industrial	23	27	23	23	23	23
04	Electric Power Generation	0	1	0	0	0	0
05	Exchange w/other utilities	0	0	0	0	0	0
06	Unaccounted for	2,195	3,439	2,455	2,480	2,474	2,471
07	Company use	50	171	170	170	170	170
08	Other - Interdepartmental	10	10	1	1	1	1
09	<b>Subtotal Firm</b>	<b>58,831</b>	<b>59,918</b>	<b>60,412</b>	<b>60,706</b>	<b>60,172</b>	<b>59,714</b>

**INTERRUPTIBLE REQUIREMENTS**

10	Retail	528	550	583	569	551	537
11	Electric Power Generation	0	0	0	0	0	0
12	Company own plant	0	0	0	0	0	0
13	<b>Subtotal Interruptible</b>	<b>528</b>	<b>550</b>	<b>583</b>	<b>569</b>	<b>551</b>	<b>537</b>
14	<b>Subtotal Firm &amp; Interruptible</b>	<b>59,359</b>	<b>60,468</b>	<b>60,995</b>	<b>61,275</b>	<b>60,723</b>	<b>60,251</b>

**TRANSPORTATION SERVICE**

		-2	-1	0	1	2	3
		2009	2010	2011	2012	2013	2014
15	Firm	5,925	7,758	7,331	7,485	7,566	7,660
16	Interruptible	17,776	17,326	17,531	19,207	20,533	22,981
17	Electric Power Generation	3,645	5,947	4,461	3,248	2,165	0
18	<b>Subtotal Transportation</b>	<b>27,346</b>	<b>31,031</b>	<b>29,322</b>	<b>29,940</b>	<b>30,264</b>	<b>30,641</b>
19	<b>Total Gas Requirements</b>	<b>86,705</b>	<b>91,499</b>	<b>90,317</b>	<b>91,215</b>	<b>90,987</b>	<b>90,892</b>
20	Increase (Decrease)	86,705	4,794	-1,181	897	-228	-95
21	Percent Change (%)		5.5%	-1.3%	1.0%	-0.3%	-0.1%

PA PUBLIC UTILITY COMMISSION  
 SECRETARY'S BUREAU

FEB 28 2011

RECEIVED

Company Name: PECO Energy Company (Gas Services Group)  
 FORM-IRP-GAS-1A. ANNUAL ENERGY DEMAND REQUIREMENTS (January 1 through December 31)

Millions of Dekatherms (MDTH)

Index Year Actual Year	Historical Data		Current Year	Three Year Forecast		
	-2 2009	-1 2010	0 2011	1 2012	2 2013	3 2014

**FIRM REQUIREMENTS**

01	Retail Residential	38,901	38,871	39,971	40,107	39,688	39,247
02	Retail Commercial	19,349	19,087	19,525	19,666	19,541	19,513
03	Retail Industrial	24	28	24	24	24	24
04	Electric Power Generation	0	1	0	0	0	0
05	Exchange w/other utilities	0	0	0	0	0	0
06	Unaccounted for	2,261	3,542	2,529	2,554	2,548	2,545
07	Company use	52	176	175	175	175	175
08	Other - Interdepartmental	10	10	1	1	1	1
09	<b>Subtotal Firm</b>	<b>60,596</b>	<b>61,715</b>	<b>62,225</b>	<b>62,527</b>	<b>61,977</b>	<b>61,505</b>

**INTERRUPTIBLE REQUIREMENTS**

10	Retail	544	567	600	586	568	553
11	Electric Power Generation	0	0	0	0	0	0
12	Company own plant	0	0	0	0	0	0
13	<b>Subtotal Interruptible</b>	<b>544</b>	<b>567</b>	<b>600</b>	<b>586</b>	<b>568</b>	<b>553</b>
14	<b>Subtotal Firm &amp; Interruptible</b>	<b>61,140</b>	<b>62,282</b>	<b>62,825</b>	<b>63,113</b>	<b>62,544</b>	<b>62,059</b>

**TRANSPORTATION SERVICE**

15	Firm	6,103	7,990	7,550	7,710	7,793	7,890
16	Interruptible	18,309	17,846	18,057	19,784	21,149	23,670
17	Electric Power Generation	3,754	6,126	4,594	3,345	2,230	0
18	<b>Subtotal Transportation</b>	<b>28,166</b>	<b>31,962</b>	<b>30,202</b>	<b>30,838</b>	<b>31,172</b>	<b>31,560</b>
19	<b>Total Gas Requirements</b>	<b>89,306</b>	<b>94,243</b>	<b>93,027</b>	<b>93,951</b>	<b>93,716</b>	<b>93,619</b>
20	Increase (Decrease)	89,306	4,937	-1,217	924	-235	-97
21	Percent Change (%)		5.5%	-1.3%	1.0%	-0.3%	-0.1%

Company Name: PECO Energy Company (Gas Services Group)  
 FORM-IRP-GAS-1B. PEAK DAY ENERGY DEMAND REQUIREMENTS

Millions of Cubic Feet (MMCF)

Index Year Actual Year	Historical Data		Current Year	Three Year Forecast		
	-2 2009	-1 2010	0 2011	1 2012	2 2013	3 2014

**FIRM REQUIREMENTS**

01	Retail Residential	400	357	516	516	515	513
02	Retail Commercial	197	176	252	252	251	251
03	Retail Industrial	1	1	1	1	1	1
04	Electric Power Generation	0	0	0	0	0	0
05	Exchange w/other utilities	0	0	0	0	0	0
06	Unaccounted for	17	19	22	22	22	22
07	Company use	1	1	1	1	1	1
08	Other	3	3	3	3	3	3
09	<b>Subtotal Firm</b>	<b>619</b>	<b>557</b>	<b>795</b>	<b>795</b>	<b>793</b>	<b>791</b>

**INTERRUPTIBLE REQUIREMENTS**

10	Retail	0	0	0	0	0	0
11	Electric Power Generation	0	0	0	0	0	0
12	Company own plant	0	0	0	0	0	0
13	<b>Subtotal Interruptible</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
14	<b>Subtotal Firm &amp; Interruptible</b>	<b>619</b>	<b>557</b>	<b>795</b>	<b>795</b>	<b>793</b>	<b>791</b>

**TRANSPORTATION SERVICE**

15	Firm	38	26	41	41	41	41
16	Interruptible	15	79	0	0	0	0
17	Electric Power Generation	7	0	0	0	0	0
18	<b>Subtotal Transportation</b>	<b>60</b>	<b>105</b>	<b>41</b>	<b>41</b>	<b>41</b>	<b>41</b>
19	<b>Total Gas Requirements</b>	<b>680</b>	<b>662</b>	<b>836</b>	<b>836</b>	<b>835</b>	<b>832</b>
20	Increase (Decrease)		-17	173	0	-1	-2
21	Percent Change (%)		-2.6%	26.2%	0.0%	-0.1%	-0.2%

PA PUBLIC UTILITY COMMISSION  
 SECRETARY'S BUREAU

FEB 28 2011

RECEIVED

Company Name: PECO Energy Company (Gas Services Group)  
 FORM-IRP-GAS-1C. PEAK DAY ENERGY DEMAND REQUIREMENTS

Millions of Dekatherms (MDTH)

Index Year Actual Year	Historical Data		Current Year	Three Year Forecast		
	-2 2009	-1 2010	0 2011	1 2012	2 2013	3 2014

**FIRM REQUIREMENTS**

01	Retail Residential	412	368	531	531	531	529
02	Retail Commercial	203	181	259	259	258	259
03	Retail Industrial	1	1	1	1	1	1
04	Electric Power Generation	0	0	0	0	0	0
05	Exchange w/other utilities	0	0	0	0	0	0
06	Unaccounted for	17	19	23	23	23	23
07	Company use	1	1	1	1	1	1
08	Other	3	3	3	3	3	3
09	<b>Subtotal Firm</b>	<b>638</b>	<b>574</b>	<b>818</b>	<b>818</b>	<b>817</b>	<b>815</b>

**INTERRUPTIBLE REQUIREMENTS**

10	Retail	0	0	0	0	0	0
11	Electric Power Generation	0	0	0	0	0	0
12	Company own plant	0	0	0	0	0	0
13	<b>Subtotal Interruptible</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
14	<b>Subtotal Firm &amp; Interruptible</b>	<b>638</b>	<b>574</b>	<b>818</b>	<b>818</b>	<b>817</b>	<b>815</b>

**TRANSPORTATION SERVICE**

15	Firm	39	27	42	42	42	42
16	Interruptible	15	81	0	0	0	0
17	Electric Power Generation	8	0	0	0	0	0
18	<b>Subtotal Transportation</b>	<b>62</b>	<b>109</b>	<b>42</b>	<b>42</b>	<b>42</b>	<b>42</b>
19	<b>Total Gas Requirements</b>	<b>700</b>	<b>682</b>	<b>861</b>	<b>861</b>	<b>860</b>	<b>857</b>

20	Increase (Decrease)		-18	179	0	-1	-2
21	Percent Change (%)		-2.6%	26.2%	0.0%	-0.1%	-0.2%

PA PUBLIC UTILITY COMMISSION  
 SECRETARY'S BUREAU

FEB 28 2011

RECEIVED

# RECEIVED

Company Name: PECO Energy Company (Gas Services Group)  
 FORM-IRP-GAS-2A. ANNUAL ENERGY RESOURCES (January 1 through December 31)

FEB 28 2011

Millions of Cubic Feet (MMCF)

PA PUBLIC UTILITY COMMISSION  
 SECRETARY'S BUREAU

Index Year Actual Year	Historical Data		Current Year	Three Year Forecast		
	-2 2009	-1 2010	0 2011	1 2012	2 2013	3 2014

### GAS SUPPLY

01	Transco Gas Supply	17,088	7,388	1,901	1,903	1,904	1,906
02	Texas Eastern Gas Supply	401	1,752	3,743	3,746	3,749	3,752
03	Texas Eastern Gas Supply	3,544	2,461	0	0	0	0
04	Transco Gas Supply	2,505	5,208	948	949	950	950
05	Transco Gas Supply	2,368	3,650	2,580	2,582	2,584	2,586
06	Texas Eastern Gas Supply	573	3,765	13,215	13,226	13,236	13,247
07	Transco Gas Supply	5,316	5,475	5,475	5,479	5,484	5,488
08	Transco Gas Supply	2,621	866	647	647	648	648
09	Texas Eastern Gas Supply	943	128	82	82	82	82
10	Transco Gas Supply	0	476	0	0	0	0
11	Texas Eastern Gas Supply	87	120	119	119	119	119
12	Texas Eastern Gas Supply	0	1,099	1,446	1,447	1,449	1,450
13	Transco Gas Supply	0	432	720	720	721	722
	<b>Subtotal Supply Contracts</b>	<b>35,445</b>	<b>32,821</b>	<b>30,877</b>	<b>30,901</b>	<b>30,926</b>	<b>30,951</b>
12	Seasonal Purchases	20,576	24,309	26,781	27,035	26,459	25,962
13	Underground Storage Withdrawal	18,242	18,242	18,242	18,242	18,242	18,242
14	LNG Storage Withdrawal	476	476	476	476	476	476
15	Propane/Air	140	140	140	140	140	140
16	SNG Purchases	0	0	0	0	0	0
17	Company Production	0	0	0	0	0	0
18	Local Purchases	0	0	0	0	0	0
19	Exchange with other Utilities	0	0	0	0	0	0
20	Other	0	0	0	0	0	0

<b>Total Gas Supply for Sales</b>	<b>74,879</b>	<b>75,987</b>	<b>76,516</b>	<b>76,795</b>	<b>76,243</b>	<b>75,771</b>
<b>Total Transportation Service</b>	<b>27,346</b>	<b>31,031</b>	<b>29,322</b>	<b>29,940</b>	<b>30,264</b>	<b>30,641</b>
<b>TOTAL SALES GAS SUPPLY AND TRANSPORTATION SERVICE</b>	<b>102,225</b>	<b>107,018</b>	<b>105,838</b>	<b>106,735</b>	<b>106,507</b>	<b>106,412</b>

### DEDUCTIONS

21	Curtailments	0	0	0	0	0	0
22	Underground Storage Injections	15,024	15,024	15,024	15,024	15,024	15,024
23	LNG Liquefaction	496	496	496	496	496	496
24	Sales to other Utilities	0	0	0	0	0	0
25	Off System Sales	0	0	0	0	0	0
26	<b>Total Deductions</b>	<b>15,520</b>	<b>15,520</b>	<b>15,520</b>	<b>15,520</b>	<b>15,520</b>	<b>15,520</b>

<b>Net Gas Supply</b>	<b>86,705</b>	<b>91,498</b>	<b>90,318</b>	<b>91,215</b>	<b>90,987</b>	<b>90,892</b>
-----------------------	---------------	---------------	---------------	---------------	---------------	---------------

RECEIVED

FEB 28 2011

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

Company Name: PECO Energy Company (Gas Services Group)  
FORM-IRP-GAS-2B. Peak Day (January 1 through December 31)

Millions of Cubic Feet (MMCF)

Index Year Actual Year	Historical Data	-2		-1		0		1		2		3	
		2009		2010		2011		2012		2013		2014	
		Annual	Peak										
<b>A</b>	<b>City Gate Transportation Contracts:</b>												
1	Transportation	56,210	158	56,210	120	56,210	120	56,210	120	56,210	120	56,210	120
2	Transportation	17,885	49	17,885	49	17,885	49	17,885	49	17,885	49	17,885	49
3	Transportation	12,839	35.175	12,839	35	12,839	35	13,032	36	13,162	36	13,294	37
4	Transportation	2,935	8.04	2,935	8	2,935	8	2,979	8	3,009	8	3,039	8
5	Transportation	11,005	30.15	11,005	30	11,005	30	11,170	31	11,282	31	11,395	31
6	Transportation	1,100	3.015	1,100	3	1,100	3	1,117	3	1,128	3	1,139	3
7	Transportation	12,839	35.175	12,839	35	12,839	35	13,032	36	13,162	36	13,294	37
8	Transportation	11,005	30.15	11,005	30	11,005	30	11,170	31	11,282	31	11,395	31
9	Transportation	1,480,583	0	1,480,583	25	1,480,583	25	1,480,583	25	1,480,583	25	1,480,583	25
	<b>Total</b>	<b>1,606,400</b>	<b>349</b>	<b>1,606,401</b>	<b>336</b>	<b>1,606,401</b>	<b>336</b>	<b>1,607,176</b>	<b>338</b>	<b>1,607,701</b>	<b>339</b>	<b>1,608,232</b>	<b>341</b>
<b>B</b>	<b>Upstream Transportation Contracts:</b>												
1	Transportation	10,950	30	10,950	30	10,950	30	10,950	30	10,950	30	10,950	30
2													
3													
4													
5													
6													
7													
8													
9													
10													
	<b>Total</b>	<b>10,950</b>	<b>30</b>										
<b>C</b>	<b>Storage-Related Transportation Contracts:</b>												
1	Storage Transportation	10,662	29.21	10,662	29	10,662	29	10,822	30	10,930	30	11,039	30
2	Storage Transportation	8,822	24.17	8,822	24	8,822	24	8,954	25	9,044	25	9,134	25
3	Storage Transportation	5,170	29.913	5,170	30	5,170	30	5,248	30	5,300	31	5,353	31
4	Storage Transportation	5,126	29.973	5,126	30	5,126	30	5,203	30	5,255	31	5,307	31
5	Storage Transportation	4,561	12.495	4,561	12	4,561	12	4,629	13	4,675	13	4,722	13
6	Storage Transportation	3,595	9.85	3,595	10	3,595	10	3,649	10	3,686	10	3,723	10
7	Storage Transportation	-	0	-	0	-	-	-	0	0	0	0	0
8	Storage Transportation	10,662	0	10,662	0	10,662	-	10,822	0	10,930	0	11,039	0
9	Storage Transportation	4,922	13.486	4,922	13	4,922	13	4,996	14	5,046	14	5,097	14
10													
	<b>Total</b>	<b>53,520</b>	<b>149</b>	<b>53,520</b>	<b>149</b>	<b>53,520</b>	<b>149</b>	<b>54,322</b>	<b>151</b>	<b>54,866</b>	<b>153</b>	<b>55,414</b>	<b>154</b>

Company Name: PECO Energy Company (Gas Services Group)  
 FORM-IRP-GAS-2C. Peak Day (January 1 through December 31)

Millions of Cubic Feet (MMCF)

Index Year Actual Year	Historical Data				Current Year		Three Year Forecast						
	-2 2009		-1 2010		0 2011		1 2012		2 2013		3 2014		
	Winter	Peak	Winter	Peak	Winter	Peak	Winter	Peak	Winter	Peak	Winter	Peak	
	Storage Contracts:												
1	Storage	3,580	42	3,580	29	3,580	29	3,580	29	3,580	29	3,580	29
2	Storage	3,229	33	3,229	33	3,229	33	3,229	33	3,229	33	3,229	33
3	Storage	2,719	30	2,719	30	2,719	30	2,719	30	2,719	30	2,719	30
4	Storage	2,666	28	2,666	28	2,666	28	2,666	28	2,666	28	2,666	28
5	Storage	2,590	53	2,590	53	2,590	53	2,590	53	2,590	53	2,590	53
6	Storage	5,512	78	5,512	78	5,512	78	5,512	78	5,512	78	5,512	78
7	Storage	336	3	336	7	336	7	336	7	336	7	336	7
8	Storage	1,268	12	1,268	12	1,268	12	1,268	12	1,268	12	1,268	12
	Total	21,900	279	21,900	270	21,900	270	21,900	270	21,900	270	21,900	270

Company Name: PECO Energy Company (Gas Services Group)  
 FORM-IRP-GAS-3. NUMBER OF CUSTOMERS (Year End)

		Historical Data		Current Year	Three Year Forecast		
Index Year	Actual Year	-2	-1	0	1	2	3
		2009	2010	2011	2012	2013	2014

**FIRM REQUIREMENTS**

01	Retail Residential	444,923	448,392	451,991	455,176	458,361	461,546
02	Retail Commercial	40,839	41,169	41,583	42,205	42,827	43,449
03	Retail Industrial	33	32	25	25	26	26
04	Other	119	103	98	98	98	98
<b>Subtotal</b>		<b>485,914</b>	<b>489,696</b>	<b>493,697</b>	<b>497,504</b>	<b>501,312</b>	<b>505,119</b>
06	Electric Power Generation	2	2	2	2	1	-
07	Transportation Service	776	838	835	835	835	835
08	<b>Customer Total</b>	<b>486,692</b>	<b>490,536</b>	<b>494,534</b>	<b>498,341</b>	<b>502,148</b>	<b>505,954</b>

09	Increase (Decrease)		3,844	3,998	3,807	3,806	3,806
10	Percent Change (%)		0.8%	0.8%	0.8%	0.8%	0.8%

**RECEIVED**  
 FEB 28 2011  
 PA PUBLIC UTILITY COMMISSION  
 SECRETARY'S BUREAU







Richard G. Webster, Jr.  
Director  
Rates and Regulatory Affairs

Telephone 215.841.4000 ext 5777  
Fax 215.841.6208  
www.exeloncorp.com  
dick.webster@exeloncorp.com

PECO Energy Company  
2301 Market Street, S15  
Philadelphia, PA 19103

Mail To: 8699  
Philadelphia, PA 19101-8699

ORIGINAL

RECEIVED

APR 29 2011

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

April 29, 2011

Rosemary Chiavetta, Secretary  
Pennsylvania Public Utility Commission  
Commonwealth Keystone Building  
400 North Street - P.O. Box 3265  
Harrisburg, PA 17120-3265

ARP-110550

SUBJECT: PECO Energy Company's 2011 Annual Resource Planning Report

Dear Secretary Chiavetta:

In response to 52 Pa. Code §§ 57.141 - 57.154, the Company is hereby submitting to the Pennsylvania Public Utility Commission one original and three copies of its 2011 Annual Resource Planning Report.

Please acknowledge receipt of the foregoing on the enclosed copy of this letter.

Sincerely,

enclosures

cc: Office of Consumer Advocate  
Pennsylvania Energy Office  
Office of Small Business Advocate  
Bureau of Conservation, Economics, and Energy Planning  
Office of Trial Staff

09371

ANNEX B

FORM	SECTION	DATA REQUESTED	APPLICABILITY
<u>ARPR 1</u>	57.142(a)	Historical and Forecast Energy Demand	EDC
<u>ARPR 2</u>	57.142(b)	Historical and Forecast Connected Peak Load	EDC
<u>ARPR 3</u>	57.142(c)	Historical and Forecast Number of Connected Customers	EDC
<u>ARPR 4</u>	57.142(d)	Historical and Forecast Peak Load and Energy Demand	Control Area
<u>ARPR 5</u>	57.143(a)	Existing Generating Capability	EDC & Control Area
<u>ARPR 6</u>	57.143(a)	Future Generating Capability Installations, Changes and Removals	EDC & Control Area
<u>ARPR 7</u>	57.143(a)	Projected Capacity and Demand	Control Area
<u>ARPR 8</u>	57.145	Qualifying Facility and Independent Power Production Facilities	EDC
<u>ARPR 9</u>	57.147	Scheduled Imports and Exports	Control Area
<u>ARPR 10</u>	57.148	Summary of Demands, Resources and Energy for the Previous Year	EDC
<u>ARPR 11</u>	57.144	Transmission Line Projection	EDC
<u>ARPR 12</u>	57.149	Conservation and Load Management Program Description	EDC

Current Year = 2011

FILINGS ARE DUE ON OR BEFORE MAY 1

RECEIVED  
APR 29 2011  
PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

**ARPR 1. Historical and Forecast Energy Demand (MWh)**

Index Year (a)	Actual Year (b)	Residential (c)	Commercial (d)	Industrial (e)	Other* (f)	Sales For Resale (g)	Total Consumption (h)	System Losses (i)	Company Use (j)	Net Energy For Load (k)
-1	2010	13,895,996	8,472,056	15,823,964	924,797	808,446	39,925,259	2,225,117	53,184	39,978,443
0	2011	13,911,979	8,588,969	15,990,939	925,722	814,914	40,232,523	2,212,789		40,232,523
1	2012	14,036,609	8,705,297	16,152,935	926,648	821,433	40,642,921	2,235,361		40,642,921
2	2013	14,317,342	8,879,402	16,475,994	927,574	828,004	41,428,316	2,278,557		41,428,316
3	2014	14,603,689	9,056,990	16,805,514	928,502	834,628	42,229,323	2,322,613		42,229,323
4	2015	14,895,762	9,238,130	17,141,624	929,430	841,305	43,046,252	2,367,544		43,046,252

\* "Other" sales include public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.

**NOTE: Energy demand figures reflect expected Act 129 reductions, if applicable**

Company Name: PECO Energy

**ARPR 2. Historical and Forecast Connected Peak Load (MW)**

Index Year (a)	Actual Year (b)	Summer*		Winter*		Annual Peak Load (g)	Annual Load Factor (h)
		Peak Load (c)	Date & Time (d)	Peak Load (e)	Date & Time (f)		
-1	2010	8864	7/6 @ 1700	6333	1/4 @ 1800	8864	51.5%
0	2011	8786	n/a	6396	n/a	8786	52.3%
1	2012	8770	n/a	6460	n/a	8770	52.9%
2	2013	8842	n/a	6525	n/a	8842	53.5%
3	2014	8916	n/a	6590	n/a	8916	54.1%
4	2015	8991	n/a	6656	n/a	8991	54.7%

\* The winter peak follows the summer peak. The summer season is June through September and the winter season is December through March of the following year.

**NOTE: Peak load figures reflect expected Act 129 reductions, if applicable.**

Company Name: PECO Energy

**ARPR 3. Historical and Forecast Number of Connected Customers  
(Year End)**

Index Year (a)	Actual Year (b)	Residential (c)	Commercial (d)	Industrial (e)	Other* (f)	Total Customers (g)
-1	2010	1,406,264	156,404	3,111	1,094	1,566,873
0	2011	1,417,514	157,780	3,173	1,094	1,579,562
1	2012	1,428,854	159,169	3,237	1,094	1,592,354
2	2013	1,440,285	160,570	3,301	1,094	1,605,250
3	2014	1,451,807	161,983	3,367	1,094	1,618,251
4	2015	1,463,422	163,408	3,435	1,094	1,631,359

\* "Other" sales include public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.

Company Name: PECO Energy

**ARPR 5. Existing Generating Capability (as of January 1 of current year)\***

Control Area or Region (if applicable):

Station and Unit No. (a)	Location (b)	Date Installed (c)	Unit Type (d)	Primary Fuel		Alternate Fuel		Net Capability-MW		Changes During Past Year		% Ownership Share (m)	Notes (n)
				Fuel Type (e)	Transp. Method (f)	Fuel Type (g)	Transp. Method (h)	Summer (i)	Winter (j)	MW (k)	Reason (l)		

\* After January 1, 2011, PECO will acquire electricity for default service customers using the process detailed in PECO's Default Service Plan.

Company Name: PECO Energy

**ARPR 6. Future Generating Capability Installations, Changes and Removals\***

Control Area or Region (if applicable):

Station and Unit No. (a)	Location (b)	Unit Type (c)	Primary Fuel		Alternate Fuel		Net Capability-MW		Effective Date (j)	Status (k)	% Ownership Share (l)	Notes (m)
			Fuel Type (d)	Transp. Method (e)	Fuel Type (f)	Transp. Method (g)	Summer (h)	Winter (i)				

\* After January 1, 2011, PECO will acquire electricity for default service customers using the process detailed in PECO's Default Service Plan.

**ARPR 7. Projected Capacity and Demand (MW)\***

Control Area or Region:

Season:

	Actual	Projected				
	2010	2011	2012	2013	2014	2015
1 Internal Demand						
2 Direct Control Load Management						
3 Interruptible Demand						
4 Net Internal Demand (1-2-3)						
5 Total Owned Capacity						
Nuclear						
Hydro						
Pumped Storage						
Steam						
Coal						
Oil						
Gas						
Dual Fuel						
Combustion Turbine						
Oil						
Gas						
Dual Fuel						
Combined Cycle						
Oil						
Gas						
Dual Fuel						
Other						
6 Inoperable Capacity						
7 Net Operable Capacity (5-6)						
8 Independent Power Producers						
9 Capacity Purchases						
10 Capacity Sales						
11 Total Installed Capacity (5+8)						

\* In lieu of this form, EDCs may submit a copy of EIA-411 or its equivalent.

After January 1, 2011, PECO will acquire electricity for default service customers using the process detailed in PECO's Default Service Plan.

Company Name: PECO Energy

**ARPR 8. Qualifying Facility and Independent Power Production Facilities\***

Facility Name (a)	Location (b)	Energy Source (c)	Purchased Energy (kWh) (d)	Total Generation (kWh) (e)	Contract Capacity (kW) (f)	Total Capacity (kW) (g)	Effective Date(s) (h)	Status and Type (i)

\* After January 1, 2011, PECO will acquire electricity for default service customers using the process detailed in PECO's Default Service Plan.



Company Name: PECO Energy

**ARPR 10. Summary of Demands, Resources and Energy for the Previous Year**

	Peak Day (MW)		Calendar Year (MWh) 2010	Notes
	Summer 2010	Winter 2010/2011		
Reporting EDC:				
Purchases*				
Independent Power Producers*				
Sales	8,864	6,374	39,309,931	
Electric Generation Suppliers:				
(1) EGS Data - All Inclusive	107	60	414,389	
(2)				
(3)				
(4)				
(5)				
(6)				
(7)				
(8)				
(9)				
(10)				
Total MWh Supplied by EGSS				

\* After January 1, 2011, PECO will acquire electricity for default service customers using the process detailed in PECO's Default Service Plan.

Company Name: PECO Energy

### ARPR 11. Transmission Line Projection

Transmission Line Name (a)	Location (b)	Design Voltage (c)	Length (d)	Construction Start Date (e)	In Service Date (f)	Line Cost (g)
No New Lines						
Reconductor Existing Lines:						
220-12	Buckingham - Pleasant Valley	230	existing line	TBD	2011	
130-50	Chichester - Saville	138	existing line	TBD	2012	
130-35	Plymouth - Bryn Mawr	138	existing line	TBD	2013	

Company Name: PECO Energy

**ARPR 12. Conservation and Load Management Program Description**

Program Name: Commercial and Industrial Rate Incentives  
 Customer Class: Industrial and Commercial  
 Status: Existing  X  Proposed \_\_\_\_\_

Contact Person: Paul Miles Phone No: 215-841-4082

**Program Objective:**

To serve as consultants to our customers by providing information and advice on energy conservation and demand side management.

**Details of Activity and Implementation Schedule:**

The following rate options have been designed to encourage commercial and industrial customers to manage their energy demands and usage consistent with system capabilities: Night System Rider (Rates GS and HT); Curtailment Rider (Rate HT); Cooling Thermal Storage Rider (HT); Interruptible Rider 1 (IR-1); Interruptible Rider 2 (IR-2); and Large Interruptible Load Rider (LILR). Note: There is a freeze on the LILR.

In 2010, PECO contracted 392 MW (392,000 kW) of customer load for participation in its Smart Returns curtailment programs. There were a total of 4 separate curtailment events called, one on June 24 (4 hours), and July 6 (5 hours), two events were called on July 7th (4 hours and 3 hours respectively).

**Actual and/or Anticipated Results:**

Year	Peak Load Reduction (KW)	Load Shifted to Off-Peak (KW)	Energy Savings				Other Results
			Electric (KWH)	Gas (CCF)	Oil (Gallons)	Coal (Tons)	
2003	180,000		1,400,000				
2004	180,000		1,525,000				
2005	180,000		1,525,000				
2006	180,000		1,525,000				
2007	185,000		1,800,000				
2008	185,000		1,800,000				
2009	409,000		3,979,459				
2010	392,000		5,286,000				

**Monetary and Personnel Resources:**

Estimated Work hours	Categorized Program Expenses (\$)				
	Payroll	Advertising	Customer Grants	Other	Total
125	\$15,000				\$15,000
125	\$15,000				\$15,000
200	\$24,000				\$24,000
200	\$24,000				\$24,000
300	\$36,000				\$36,000
2000	\$125,000			\$10,000	\$135,000
2000	\$150,000			\$35,000	\$185,000
3000	\$200,000			\$25,000	\$225,000

Company Name: PECO Energy

**ARPR 12. Conservation and Load Management Program Description**

Program Name: Low-Income Usage Reduction Program  
 Customer Class: Residential  
 Status: Existing  X  Proposed \_\_\_\_\_

Contact Person: Valeria Bullock Phone No: 215-841-6786

**Program Objective:**

The program provides education, conservation, and weatherization measures to assist low income residential customers to sustain their energy usage reduction. The program is c to both electric and gas low income residential customers and there is no limit to the number of customers enrolled. LIURP has 2 levels of eligibility, income and program. The income eligilt 200% federal poverty level and the program eligibility is based on the level of usage. High usage is defined as usage above 500 KWH (Electricity) and 50 CCF (Natural Gas)

**Details of Activity and Implementation Schedule:**

LIURP services include but not limit to energy audits(base-load and heating), appliance swap (air conditioners and refrigerators), timers for electric base-board heaters, water heaters, air conditioning units, replacement of home heating systems,heat pumps and conservation education. The LIURP program is available all year.

**Actual and/or Anticipated Results:**

Year	Peak Load Reduction (KW)	Load Shifted to Off-Peak (KW)	Energy Savings				Other Results
			Electric (KWH)	Gas (CCF)	Oil (Gallons)	Coal (Tons)	
2009			7,875,694	142,047			

**Monetary and Personnel Resources:**

Estimated Workhours	Categorized Program Expenses (\$)				
	Payroll	Advertising	Customer Grants	Other	Total
2600	\$171,845			\$7,653,155	\$7,825,000

Company Name: PECO Energy

**ARPR 12. Conservation and Load Management Program Description**

Program Name: Customer Assistance Program (CAP)  
 Customer Class: Residential  
 Status: Existing  X  Proposed \_\_\_\_\_

Contact Person: Valeria Bullock Phone No: 215-841-6786

**Program Objective:**

The PECO's CAP program provides low incomes residential customers with a discounted rate which is based on the level of the households' gross monthly income low income residential consumers to manage their energy usage.  
 The CAP customer with high usage is ( above 500 KWH/%) CCF) is targeted for the Low Income Usage Reduction Program.

**Details of Activity and Implementation Schedule:**

Any PECO customer who provides financial information indicating income at or below 150% of the Federal Poverty Level,(FPL) is referred to PECO's CAP Rate and Low Income Usage Reduction Program  
 The CAP program is available year round.

**Actual and/or Anticipated Results:**

Year	Peak Load Reduction (KW)	Load Shifted to Off-Peak (KW)	Energy Savings				Other Results
			Electric (KWH)	Gas (CCF)	Oil (Gallons)	Coal (Tons)	
2009			6,904,512	100,849			

**Monetary and Personnel Resources:**

Estimated Workhours	Categorized Program Expenses (\$)				
	Payroll	Advertising	Customer Grants	Other	Total
7,084	\$280,707			\$29,430,831	\$29,711,538

**Table 1. Pennsylvania Demand Side Response Program  
Aggregate Measurement and Reporting of Program Results  
For Residential, Commercial and Industrial Classes  
PECO Energy**

For the Period May 1 to September 30

Program Description	Program Indices	Res.	Comm.	Industrial
PECO's IR-2 Rider has three options available for eligible customers:	<b>Year - 2007</b>			
<b>Active Load Management Option:</b> PECO notifies customer to reduce load during times of production, transmission, or distribution limitations. Customer receives Interruptible Demand Credit (\$/kW per month).	<b>A. Proposed</b>			
	1) Total MW Available			323
	2) Total MW Reduction			179
	a) Actual MW Reduction Commitment			107
	b) Estimate MW Reduction Commitment			72
	3) Total Estimated Opportunity Hours			unknown
	4) Total MWH Potential			unknown
<b>Economic Curtailment Option:</b> Customer compensated for voluntarily curtailing energy usage during periods of high-energy prices, when requested by PECO. Customer receives "Curtailed Energy Credit" per contract terms. The Curtailed energy credit is the amount paid to the customers for reducing usage. It can be a fixed price or a % of savings and can be based upon the day ahead or day of prices. The customer chooses the option they prefer.	<b>B. Actual</b>			
	5) Total MWH Reduction			641.0
	6) Total Opportunity Hours			7.5
	7) Average MW Reduction			85.5
<b>PJM Program Option :</b> PECO acts as Customer Service Provider for Customers participating in PJM programs.	8) MW Reduction @ System Peak			117.0
Available to Large C&I customers under rates HT, PD, GS and EER. Requires interval metering and the ability to curtail a minimum of 100 kW For additional details, see IR-2 rider from PECO's Tariff.	9) # Customers Eligible to Participate			2500
	10) # Customers in Program			107
	11) # Customers Reducing Load			98
	<b>C. Program Results</b>			
	12) % MW Participation			55%
	13) % MWH Potential Achieved			unknown
	14) % Customers Participating			92%

a) Information in subsection A to be filed by the EDC in conjunction with the Annual Resource Planning Report filing beginning May 1, 2002.

b) Information in subsection B and C to be filed by the EDC by December 1 of each year.

## SYMBOL CODES

### STATUS/REASON FOR CHANGE

P	Planned for installation but not utility authorized
L	Regulatory approval pending but not under construction
T	Regulatory approval received but not under construction
U	Under construction, less than 50% of plant completed
V	Under construction, greater than 50% of plant completed
A	Generating unit capability increased (rerated or relicensed)
D	Generating unit capability decreased (rerated or relicensed)
M	Generating unit is in deactivated shutdown status
S	Generating unit returned to service from deactivated shutdown status
R	Generating unit permanently removed from any service

### FUEL TYPE

WH	Waste Heat
COL	Coal (general)
BIT	Bituminous Coal
SUB	Sub-Bituminous Coal
ANT	Anthracite Coal
LIG	Lignite Coal
PC	Petroleum Coke
LNG	Liquefied Natural Gas
MTH	Methanol
GAS	Gas (general)
NG	Natural Gas
RG	Refined Gas
BFG	Blast Furnace Gas
COG	Coke Oven Gas
UNK	Unknown at the time
GST	Geothermal Steam
MUL	Multi-Fueled
REF	Refuse (solid waste)
OIL	Oil (general)
FO1	No. 1 Fuel Oil
FO2	No. 2 Fuel Oil
FO4	No. 4 Fuel Oil
FO5	No. 5 Fuel Oil
FO6	No. 6 Fuel Oil
CRU	Crude Oil
TOP	Top Crude Oil
JF	Jet Fuel
KER	Kerosene
LPG	Liquid Propane Gas
RRO	Re Refined Motor Oil
SNG	Synthetic Natural Gas
UR	Uranium
PL	Plutonium
WAT	Water
TH	Thorium
SUN	Sun
WND	Wind
WD	Wood and Wood Waste
ZZ	None of the above or fuel brought to the plant site that is converted before the combustion process

### UNIT TYPE

ST	Steam Turbine - non nuclear
NB	Steam Turbine - Nuclear
	Boiling Water Reactor
NP	Steam Turbine - Nuclear
	Pressurized Water Reactor
NH	Steam Turbine - Nuclear
	High-Temp. Gas-cooled Reactor
IC	Internal Combustion Engine
GT	Combustion Turbine
HY	Conventional Hydro
PS	Pumped Storage Hydro
CW	Combined Cycle-Steam Portion
	Waste Heat Only
CA	Combined Cycle-Steam Portion
	Auxiliary Fired
CT	Combined Cycle-Combustion Turbine Portion
JE	Jet Engine
FC	Fuel Cell
SO	Solar
WM	Wind Power
GE	Geothermal
ZZ	None of the above
UN	Unknown at the time

### TRANSPORTATION METHOD

WA	Water Transportation
TK	Truck
RR	Rail
PL	Pipeline
XX	Unknown at the time
CV	Conveyor