

A-110650

ARP 2011



Pike County Light & Power Co.

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New York NY 10003-0987
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ORIGINAL

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April 29, 2011

Honorable Rosemary Chiavetta
Secretary
Commonwealth of Pennsylvania
Pennsylvania Public Utility Commission
400 North Street
Harrisburg, Pennsylvania 17105-3265

SECRETARY'S BUREAU

2011 MAY -2 AM 9:44

REC'D

ARP-110650


Re: 2011 Pennsylvania Annual Resource Planning Report

Dear Secretary Chiavetta:

Pursuant to the requirements of 52 Pa.C.S. Section 57.141, I attach an original and three copies of the 2011 Pennsylvania Annual Resource Planning Report of Pike County Light & Power Company. Please be advised that any questions regarding this Report should be directed to Mr. Michael McGuire, at (845) 577-3683 or mcguirems@oru.com.

Thank you for your attention to this matter. Please contact me if you have any questions regarding this matter.

Very truly yours,


John L. Carley
Assistant General Counsel

c. Office of Consumer Advocate
Office of Small Business Advocate

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SECRETARY'S BUREAU

PIKE COUNTY LIGHT &
POWER COMPANY

2011 PENNSYLVANIA ANNUAL
RESOURCE PLANNING REPORT

April 29, 2011

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

Company Name:

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)
	2010 Actual	29,625	45,313		419		75,357	3,027	16	78,400
-1	2010 Adjusted	29,110	44,743		419		74,272	4,112	16	78,400
0	2011	28,799	45,675		416		74,890	3,023	16	77,929
1	2012	29,536	46,356		416		76,308	3,081	16	79,405
2	2013	30,200	47,085		414		77,699	3,137	16	80,852
3	2014	30,680	47,474		414		78,568	3,172	16	81,756
4	2015	31,499	47,917		414		79,830	3,224	16	83,070

and interdepartmental sales.

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

Company Name:

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	17.9	7/6/10 5:00 PM	13.1	12/14/2010 6:00 PM	17.9	0.4997
0	2011	18.0		13.2		18.0	0.4942
1	2012	18.4		13.5		18.4	0.4921
2	2013	18.9		13.9		18.9	0.4884
3	2014	19.2		14.1		19.2	0.4871
4	2015	19.4		14.3		19.4	0.4882

* 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:

**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	3625	931	0	105	4661
0	2011	3631	934	0	106	4671
1	2012	3647	938	0	106	4691
2	2013	3662	943	0	106	4711
3	2014	3677	948	0	106	4731
4	2015	3692	953	0	106	4751

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

Company Name:

**ARPR 4. Historical and Forecast Peak Load and Energy Demand*
(MW & MWh)**

Control Area or Region (if applicable):

Index Year (a)	Actual Year (b)	Summer**		Winter**		Net Energy For Load (g)
		Peak Load (c)	Date & Time (d)	Peak Load (e)	Date & Time (f)	
-1	2010	17.9	7/6/2010 17:00	13.1	12/14/2010 6:00 PM	78151
0	2011	18.0		13.2		77689
1	2012	18.4		13.5		78613
2	2013	18.9		13.9		80661
3	2014	19.2		14.1		82257
4	2015	19.4		14.3		83175

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

** 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.

Company Name:

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

Orange and Rockland Utilities does not own any generating facilities

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)		

Company Name:

ARPR 6. Future Generating Capability Installations, Changes and Removals

Orange and Rockland Utilities does not have any future plans for power generation

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)				

Company Name:

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	130.8	131.5	134.6	138.1	140.0	141.9
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.

Company Name:

ARPR 8. Qualifying Facility and Independent Power Production Facilities

Orange and Rockland Utilities does not have any Qualifying or Independent Power Production facilities in Pike County

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)

Company Name:

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				
Electric Generation Suppliers:				
(1)				
(2)				
(3)				
(4)				
(5)				
(6)				
(7)				
(8)				
(9)				
(10)				
Total MWh Supplied by EGSS				

Company Name:

ARPR 11. Transmission Line Projection

No new transmission lines are scheduled to be built within the next 5 years

Transmission Line Name (a)	Location (b)	Design Voltage (c)	Length (d)	Construction Start Date (e)	In Service Date (f)	Line Cost (g)
The two lines that serve Pike County are only 34.5kV. The next 34.5kV line is scheduled for the 2019/20 timeframe.						

Company Name:

ARPR 12. Conservation and Load Management Program Description*

Program Name: Low Income Direct Installation Weatherization Program
 Customer Class: Residential Low-Income
 Status: Existing X Proposed _____

Contact Person: Scott Markwood Phone No 845-577-3127

Program Objective:

The Program helps residential low-income customers manage their energy needs by installing recommended cost effective energy measures and educating them about energy efficient behaviors they can adopt free of charge. By installing these measures for free, PCL&P removes an apparent market barrier for low income customers and enables them to participate in energy savings actions that will lower their future energy bills.

Details of Activity and Implementation Schedule:

The Program was approved by the PAPUC in April 2009 and runs through March 2012 with a total budget of \$105,000. Outreach is conducted through direct mail with follow-up telemarketing to eligible LIHEAP customers. In 2010, 84 known LIHEAP participant customers were contacted and 34 participated.

PCL&P contracted implementation services through Honeywell, who coordinates with Wayne County Redevelopment Corp. (WCRC) to provide field services. WCRC provides the Weatherization Assistance Program services and delivers the programs in a coordinated effort, thereby extending the value for customers.

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)	
2010	0.74		15,010				

Monetary and Personnel Resources:

Estimated Workhours	Categorized Program Expenses (\$)				
	Payroll	Advertising	Customer Grants	Other	Total
272		\$34	\$6,682	\$1,000	\$7,716

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	Liquified 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