

# RETAIL ELECTRICITY CHOICE ACTIVITY REPORT 2015



AUGUST 2016

## Technical Utility Services

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## **I. Executive Summary**

Section 54.203 of the PA Code requires electric distribution companies (EDCs) to file quarterly reports on retail sales activity of electric generation suppliers (EGSs) operating in their service territories. These filings provide aggregate EGS market-share data for the number of customer accounts and megawatt-hour (MWh) sales. Additionally, Section 54.203 of the PA Code requires active EGSs to file an annual report by April 30 for the previous calendar year. These filings provide aggregate data on the number of accounts served, as well as customer accounts that participate in various EGS programs. The programs include flat and time-varying rates, fixed-term contracts, green power and curtailable contract information, as well as information on which EGSs are providing supplier billing services.

### **Overview**

#### **Highlights as of Dec. 31, 2015:**

##### **Number of Customer Accounts Served by EGSs**

- 2,044,947 of 5,731,696 total accounts (36 percent)
  - 1,722,757 of 5,034,270 residential accounts (34 percent)
  - 322,190 of 697,426 non-residential accounts (46 percent)
  - Non-residential: 253,913 small; 63,009 medium; 5,268 large

##### **MWhs Served by EGSs**

- 80,208,301 of 119,038,647 total MWhs (67 percent)
  - 14,519,632 of 42,647,998 residential MWhs (34 percent)
  - 65,688,669 of 76,390,649 non-residential MWhs (86 percent)
  - Non-residential: 7,580,224 small; 15,209,250 medium; 42,899,195 large

##### **Total Number of EDCs' Time of Use (TOU) Accounts and MWhs**

- 6 TOU accounts of 5,731,696 total accounts (less than 1 percent)
- 481,243 TOU MWhs of 119,038,647 total MWhs (less than 1 percent)

##### **Total Number of EDCs' Hourly/Real-Time Priced (RTP)**

##### **Non-Residential Accounts and MWhs**

- 5,887 RTP accounts of 5,731,696 total accounts (0.1 percent)
- 42,779,596 RTP MWhs of 119,038,647 total MWhs (36 percent)

## II. Electric Generation Supplier Data and Trends

This section provides information on trends in EGS customer accounts and MWh sales during 2015. “Customer Accounts” data is reported as of Dec. 31; MWh sales is the sum of the quarterly reported data during the year. *Below is data presented for residential and non-residential (includes small, medium and large non-residential) classes.*

**Table 1 - Number of Customer Accounts and MWh Sales: 2013-2015  
Residential and Non-Residential**

	RESIDENTIAL		NON-RESIDENTIAL		TOTAL	
	Customer Accounts <sup>a</sup>	MWh Sales <sup>b</sup>	Customer Accounts <sup>a</sup>	MWh Sales <sup>b</sup>	Customer Accounts <sup>a</sup>	MWh Sales <sup>b</sup>
Total Served by EGSs- 2015	1,722,757	14,519,632	322,190	65,688,669	2,044,947	80,208,301
Total Served by EGSs- 2014	1,787,276	15,846,102	313,978	65,473,624	2,101,254	81,319,726
Total Served by EGSs- 2013	1,842,250	15,056,352	323,415	65,371,933	2,165,665	80,428,285
Total Served by EGSs and EDCs- 2015	5,034,270	42,647,998	697,426	76,390,649	5,731,696	119,038,647
Total Served by EGSs and EDCs- 2014	5,017,059	42,014,142	696,101	76,028,284	5,713,160	118,042,426
Total Served by EGSs and EDCs- 2013	4,998,957	42,009,256	694,170	75,951,300	5,693,127	117,960,556
Percent Served by EGSs- 2015	<b>34</b>	<b>34</b>	<b>46</b>	<b>86</b>	<b>36</b>	<b>67</b>
Percent Served by EGSs- 2014	<b>36</b>	<b>38</b>	<b>45</b>	<b>86</b>	<b>37</b>	<b>69</b>
Percent Served by EGSs- 2013	<b>37</b>	<b>36</b>	<b>47</b>	<b>86</b>	<b>38</b>	<b>68</b>

Source: “PA Retail Electricity Choice Activity Report at Docket L-00070184: EDC Quarterly Reports: 2013-2015”

(a) “Customer Accounts” data is reported as of December 31;

(b) “MWh Sales” is the sum of the quarterly reported data during the year.

### A. Number of Customer Accounts

#### 1. Residential and Non-Residential

From the first through fourth quarter 2015, the total number of EGS customer accounts decreased 2 percent. EGS customer accounts in the residential classes decreased 2 percent while non-residential increased 1 percent.

PPL Electric Utilities Corp. (PPL), PECO Energy Company (PECO) and West Penn Power Company (West Penn) had the highest number of EGS customer accounts, predominantly in the residential class. EGS market share in these EDC service territories increased/decreased during each quarter of the period.

**Table 2 - Number of EGS Customer Accounts: 2015  
Residential and Non-Residential**

<i>Year and Quarter</i>	<i>Residential</i>	<i>Non-Residential</i>	<i>Total</i>
<b>End-of-Year</b>			
2014	1,787,276	313,978	2,101,254
2015	1,722,757	322,190	2,044,947
<b>2015 Quarter</b>			
1st Quarter	1,758,824	318,694	2,077,518
2 <sup>nd</sup> Quarter	1,714,112	315,588	2,029,700
3 <sup>rd</sup> Quarter	1,698,933	317,144	2,016,077
4 <sup>th</sup> Quarter	1,722,757	322,190	2,044,947

Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EDC Quarterly Reports—2015"

**Figure 1 - EGS Customer Accounts: Quarterly Trends 2015  
Residential and Non-Residential**



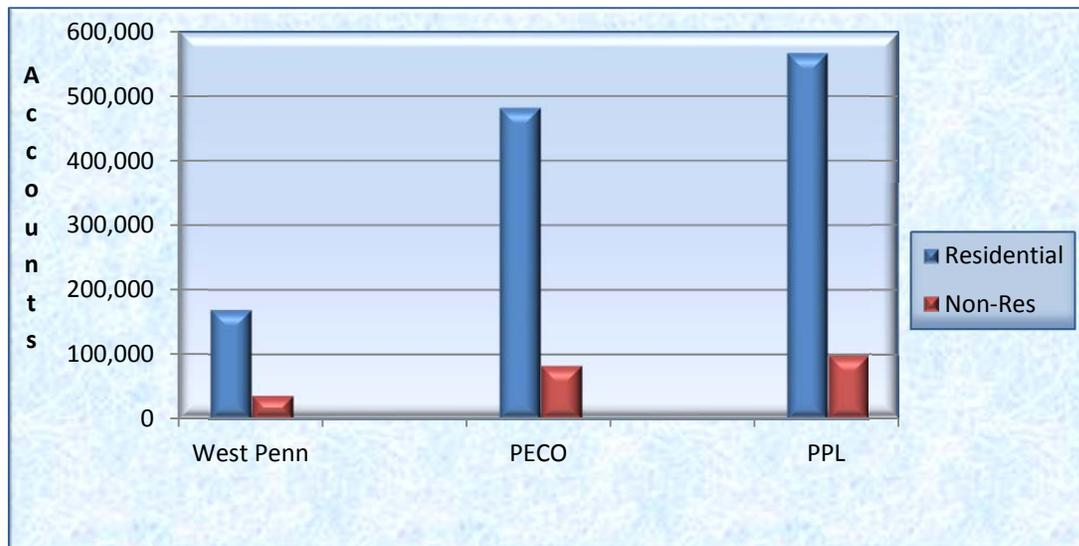
Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EDC Quarterly Reports—2015"

**Table 3 - Number of Customer Accounts by EDC Service Territories:  
Dec. 31, 2015  
Residential and Non-Residential**

<i>EDC</i>	<i>Number Residential Accounts</i>			<i>Number Non-Residential Accounts</i>			<i>Total Number Accounts</i>		
	<i>EGS</i>	<i>Total</i>	<i>%</i>	<i>EGS</i>	<i>Total</i>	<i>%</i>	<i>EGS</i>	<i>Total</i>	<i>%</i>
Citizens	12	5,765	0	79	1,170	7	91	6,935	1
Duquesne	167,967	524,560	32	26,383	61,589	43	194,350	586,149	33
UGI	392	55,197	1	933	8,506	11	1,325	63,703	2
Met-Ed	157,202	493,793	32	30,688	67,563	45	187,890	561,356	33
Penelec	143,917	497,959	29	36,661	86,039	43	180,578	583,998	31
Penn Power	32,706	143,073	23	8,788	20,740	42	41,494	163,813	25
PECO	482,105	1,444,465	33	82,790	165,251	50	564,895	1,609,716	35
Pike	1,932	3,681	52	463	994	47	2,395	4,675	51
PPL	567,001	1,241,062	46	99,111	181,668	55	666,112	1,422,730	47
Wellsboro	0	5,103	0	0	1,197	0	0	6,300	0
West Penn	169,523	619,612	27	36,294	102,709	35	205,817	722,321	28
<b>Total</b>	<b>1,722,757</b>	<b>5,034,270</b>	<b>34</b>	<b>322,190</b>	<b>697,426</b>	<b>46</b>	<b>2,044,947</b>	<b>5,731,696</b>	<b>36</b>

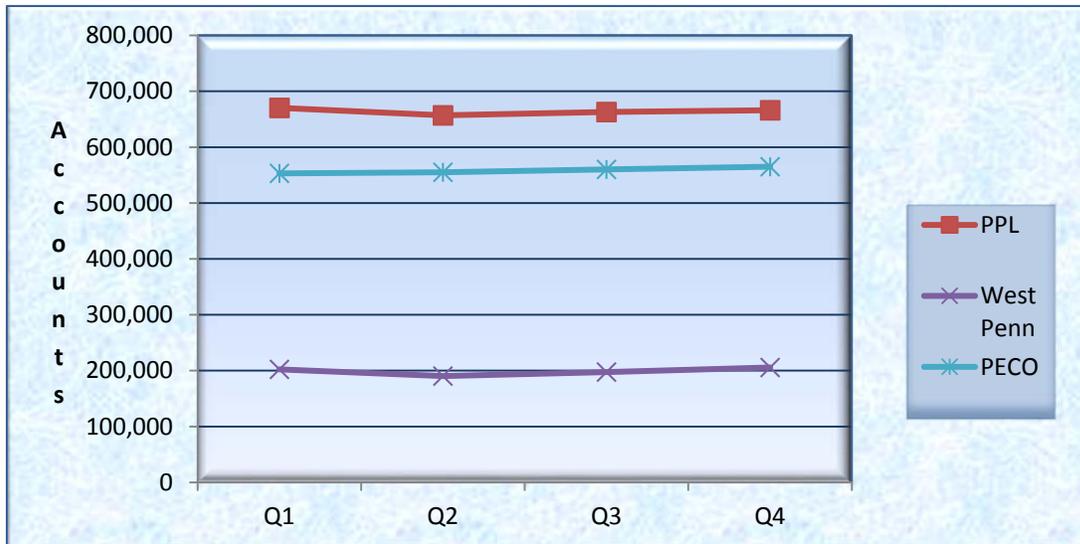
Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EDC Quarterly Reports—4th Quarter 2015"

**Figure 2 - Number of EGS Customer Accounts: Dec. 31, 2015  
Top Three EDC Territories with EGS Customer Accounts  
Residential and Non-Residential**



Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EDC Quarterly Reports—4th Quarter 2015"

**Figure 3 - EGS Customer Accounts: Quarterly Trends 2015**  
**Top Three EDC Territories with EGS Customer Accounts**  
**Residential and Non-Residential**



Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EDC Quarterly Reports – 2015"

## 2. Small, Medium and Large Non-Residential

As of Dec. 31, 2015, the category of small non-residential customers had the highest number of EGS non-residential customer accounts, while large non-residential was the category with the most EGS MWh sales. On a total basis, the category of large non-residential had the highest percentage of customer accounts and MWhs served by EGSs. See the Appendix for definitions of small, medium and large non-residential.

**Table 4 - Number of Customer Accounts and MWh Sales: 2013-2015  
Small, Medium and Large Non-Residential**

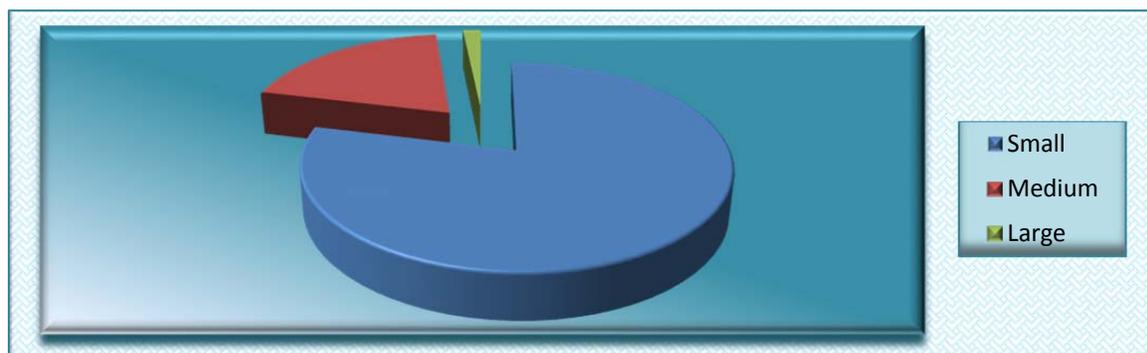
	<i>Small</i>		<i>Medium</i>		<i>Large</i>	
	<i>Customer Accounts<sup>a</sup></i>	<i>MWh Sales<sup>b</sup></i>	<i>Customer Accounts<sup>a</sup></i>	<i>MWh Sales<sup>b</sup></i>	<i>Customer Accounts<sup>a</sup></i>	<i>MWh Sales<sup>b</sup></i>
Total Served by EGSs- 2015	253,913	7,580,224	63,009	15,209,250	5,268	42,899,195
Total Served by EGSs- 2014	264,341	8,376,695	44,510	14,265,400	5,127	42,831,528
Total Served by EGSs- 2013	272,599	8,307,580	45,795	15,707,162	5,021	41,357,191
Total Served-- EGSs and EDCs- 2015	572,377	11,879,303	119,184	19,696,836	5,865	44,814,510
Total Served-- EGSs and EDCs- 2014	614,138	13,310,324	76,276	17,924,967	5,687	44,792,993
Total Served-- EGSs and EDCs- 2013	613,620	13,211,904	74,996	19,507,989	5,554	43,231,407
Percent Served by EGSs- 2015	<b>44</b>	<b>64</b>	<b>53</b>	<b>77</b>	<b>90</b>	<b>96</b>
Percent Served by EGSs- 2014	<b>43</b>	<b>63</b>	<b>58</b>	<b>80</b>	<b>90</b>	<b>96</b>
Percent Served by EGSs- 2013	<b>44</b>	<b>63</b>	<b>61</b>	<b>81</b>	<b>90</b>	<b>96</b>

Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EDC Quarterly Reports: 2013-2015"

(a) "Customer Accounts" data is reported as of December 31;

(b) "MWh Sales" is the sum of the quarterly reported data during the year.

**Figure 4 - Number of EGS Customer Accounts: Dec. 31, 2015  
Small, Medium and Large Non-Residential**



Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EDC Quarterly Reports—4th Quarter 2015"

**Figure 5 - EGS MWh Sales: Dec. 31, 2015  
Small, Medium and Large Non-Residential**



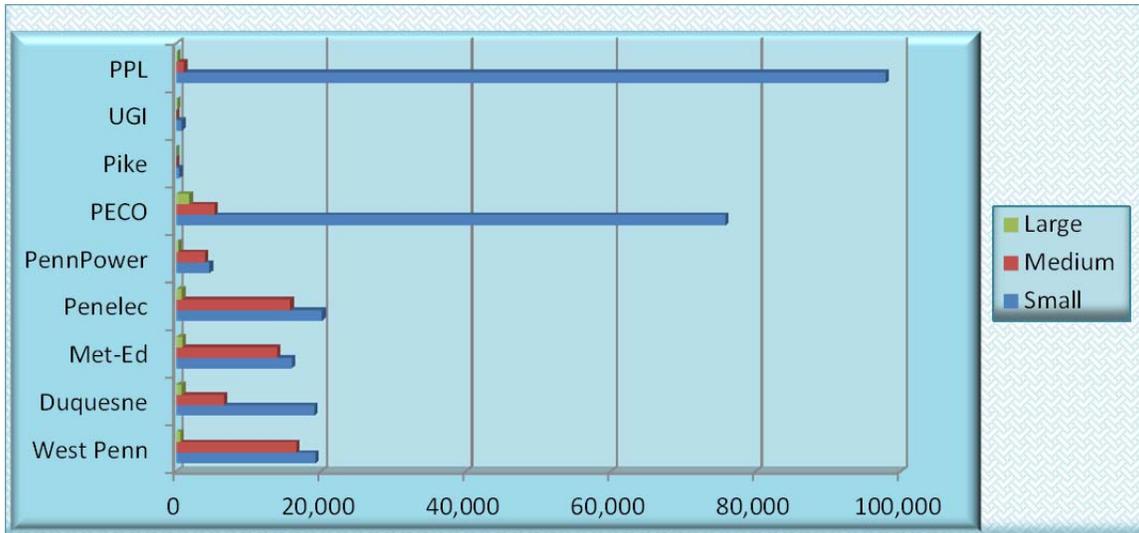
Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EDC Quarterly Reports— 2015"  
MWh Sales is the sum of the quarterly reported data during the year.

**Table 5 - Number of Customer Accounts by EDC Service Territories  
Dec. 31, 2015  
Small, Medium and Large Non-Residential**

<i>EDC</i>	<i>Number Small Non-Residential Accounts</i>			<i>Number Medium Non-Residential Accounts</i>			<i>Number Large Non-Residential Accounts</i>		
	<i>EGS</i>	<i>Total</i>	<i>%</i>	<i>EGS</i>	<i>Total</i>	<i>%</i>	<i>EGS</i>	<i>Total</i>	<i>%</i>
Citizens	55	1,132	5	20	34	59	4	4	100
Duquesne	19,021	50,162	38	6,567	10,534	62	795	893	89
UGI	809	8,302	10	0	0	0	124	204	61
Met-Ed	15,939	41,027	39	13,926	25,646	54	823	890	92
Penelec	20,135	54,751	37	15,756	30,432	52	770	856	90
Penn Power	4,601	11,807	39	3,914	8,619	45	273	314	87
PECO	75,767	156,748	48	5,226	6,585	79	1,797	1,918	96
Pike	460	987	47	0	0	0	3	7	43
PPL	97,927	180,349	54	1,058	1,171	90	126	148	85
Wellsboro	0	830	0	0	353	0	0	14	0
West Penn	19,199	66,282	29	16,542	35,810	46	553	617	90

Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: 4th Quarter 2015"  
See Appendix for definitions of small, medium and large non-residential classifications.

**Figure 6 - Number of EGS Customer Accounts by Classification:  
Dec. 31, 2015  
Small, Medium and Large Non-Residential**



Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EDC Quarterly Reports—4th Quarter 2015"

## B. MWh Sales

### 1. Residential and Non-Residential

EGS sales in Pennsylvania totaled 80,208,301 MWhs during the 12-month period from Jan. 1, 2015, to Dec. 31, 2015. This represents a decrease of 1,111,425 MWhs (1 percent) compared to 81,319,726 MWhs during the 12-month period from Jan. 1, 2014 to Dec. 31, 2014. From the first quarter to fourth quarter of 2015, EGS sales decreased 14 percent. EGS MWh sales in the residential and non-residential classes decreased 37 percent and 8 percent, respectively.

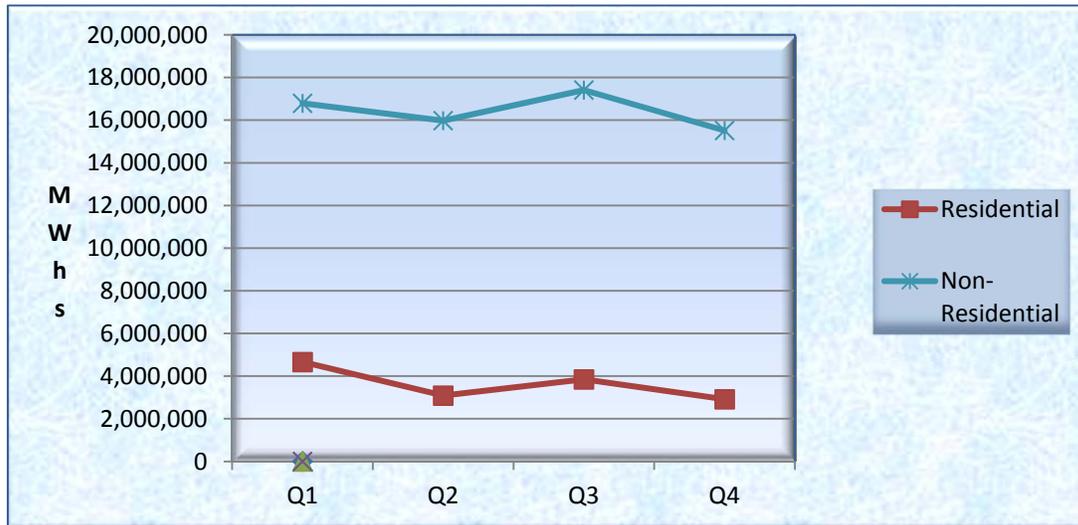
For the year, PECO, West Penn and Duquesne had the highest EGS MWh sales in 2015, predominantly in the non-residential sector. However, as shown below, EGS MWh sales in these EDC service territories increased or decreased depending on the quarter. This variation could be due to seasonal weather factors.

**Table 6 - EGS MWh Sales: 2015  
Residential and Non-Residential**

<i>Year and Quarter</i>	<i>Residential</i>	<i>Non-Residential</i>	<i>Total</i>
<b><i>End-of-Year</i></b>			
2014	15,846,102	65,473,624	81,319,726
2015	14,519,632	65,688,669	80,208,301
<b><i>2015 Quarter</i></b>			
1st Quarter	4,662,311	16,789,708	21,452,019
2 <sup>nd</sup> Quarter	3,087,130	15,976,179	19,063,309
3 <sup>rd</sup> Quarter	3,852,129	17,408,306	21,260,435
4 <sup>th</sup> Quarter	2,918,062	15,514,476	18,432,538

Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EDC Quarterly Reports—2015"  
MWh Sales is the sum of the quarterly reported data during the year.

**Figure 7 - EGS MWh Sales: Quarterly Trends 2015  
Residential and Non-Residential**



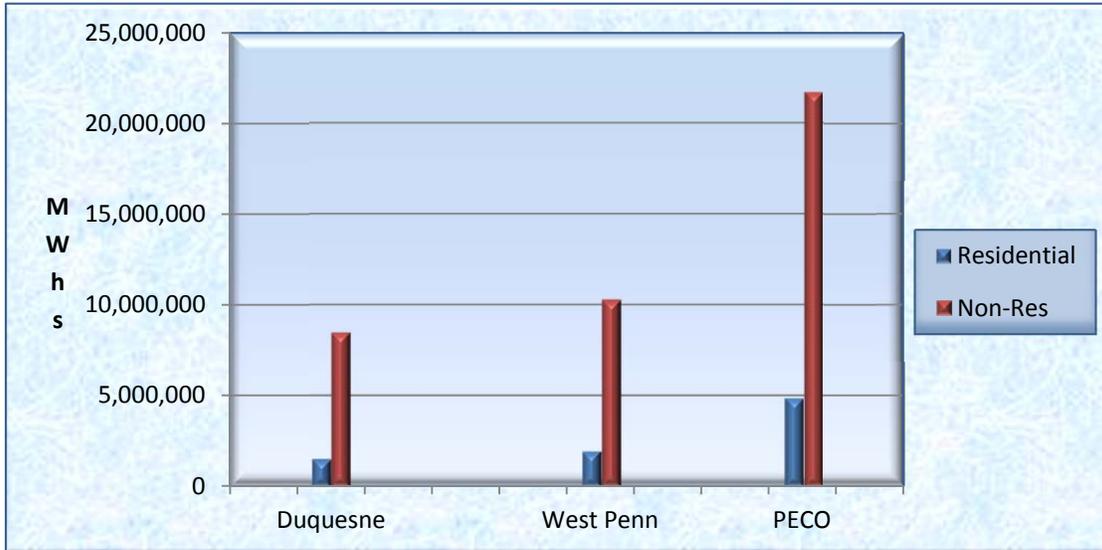
Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EDC Quarterly Reports—2015"  
MWh Sales is the sum of the quarterly reported data during the year.

**Table 7 - MWh Sales by EDCs Service Territories  
Dec. 31, 2015  
Residential and Non-Residential**

EDC	Residential Sales (MWh)			Non-Residential Sales (MWh)			Total Sales (MWh)		
	EGS	Total	%	EGS	Total	%	EGS	Total	%
Citizens	257	86,888	0	49,327	87,837	56	49,584	174,725	28
Duquesne	1,514,808	4,137,059	37	8,497,664	9,852,825	86	10,012,472	13,989,884	72
UGI	3,661	556,349	1	242,356	435,783	56	246,017	992,132	25
Met-Ed	1,819,252	5,622,581	32	7,390,428	8,411,888	88	9,209,680	14,034,469	66
Penelec	1,463,719	4,398,849	33	7,990,467	9,293,631	86	9,454,186	13,692,480	69
Penn Power	399,029	1,705,120	23	2,252,325	2,835,815	79	2,651,354	4,540,935	58
PECO	4,877,343	13,848,983	35	21,733,918	24,678,102	88	26,611,261	38,527,085	69
Pike	5,590	9,698	58	7,645	15,066	51	13,235	24,764	53
PPL	2,489,290	4,971,898	50	7,240,901	7,855,531	92	9,730,191	12,827,429	76
Wellsboro	0	44,239	0	0	76,363	0	0	120,602	0
West Penn	1,946,683	7,266,334	27	10,283,638	12,847,808	80	12,230,321	20,114,142	61

Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EDC Quarterly Reports— 2015"  
MWh Sales is the sum of the quarterly reported data during the year.

**Figure 8 - EGS MWh Sales -  
Top Three EDC Territories with EGS MWh Sales  
Dec. 31, 2015  
Residential and Non-Residential**



Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EDC Quarterly Reports— 2015"  
MWh Sales is the sum of the quarterly reported data during the year.

**Figure 9 - EGS MWh Sales: Quarterly Trends 2015  
Top Three EDC Territories with EGS MWh Sales  
Residential and Non-Residential**



Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EDC Quarterly Reports— 2015"  
MWh Sales is the sum of the quarterly reported data during the year.

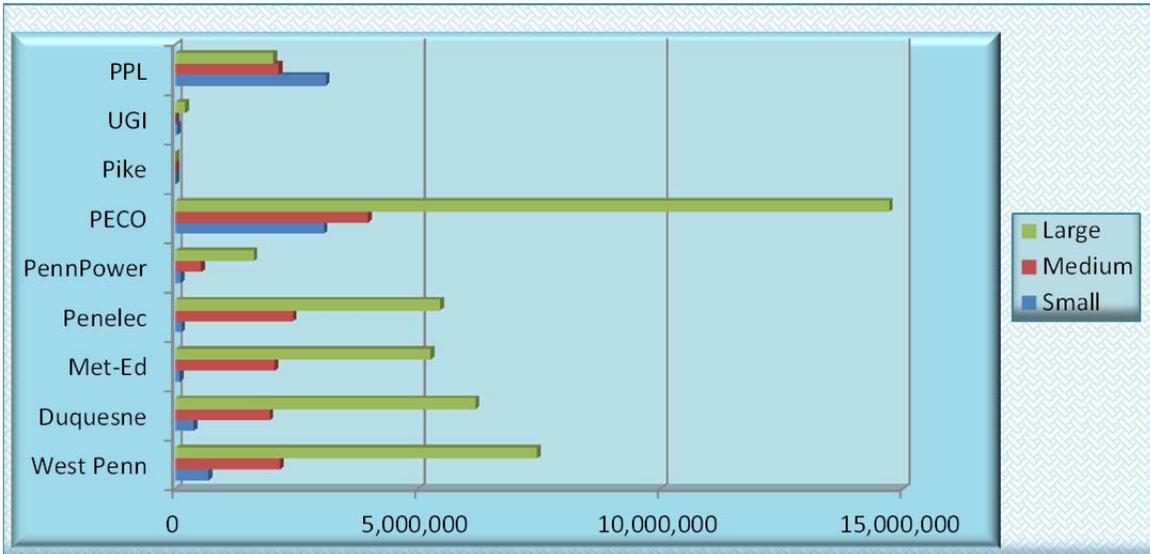
2. Small, Medium and Large Non-Residential

**Table 8 - MWh Sales by EDC Service Territories  
Dec. 31, 2015  
Small, Medium and Large Non-Residential**

<i>EDC</i>	<i>Small Non-Residential Accounts</i>			<i>Medium Non-Residential Accounts</i>			<i>Large Non-Residential Accounts</i>		
	<i>EGS</i>	<i>Total</i>	<i>%</i>	<i>EGS</i>	<i>Total</i>	<i>%</i>	<i>EGS</i>	<i>Total</i>	<i>%</i>
Citizens	4,640	30,613	15	22,314	33,897	66	22,373	23,327	96
Duquesne	372,785	818,328	46	1,944,381	2,626,643	74	6,180,498	6,407,854	96
UGI	37,369	155,387	24	0	0	0	204,987	280,396	73
Met-Ed	94,634	222,777	42	2,044,465	2,804,928	73	5,251,329	5,384,184	98
Penelec	124,139	306,505	41	2,418,283	3,364,571	72	5,448,046	5,622,555	97
Penn Power	109,019	263,764	41	531,705	880,082	60	1,611,601	1,691,968	95
PECO	3,053,712	4,957,729	62	3,963,160	4,624,679	86	14,717,046	15,095,694	96
Pike	5,774	10,766	54	0	0	0	1,871	4,300	44
PPL	3,096,866	3,648,731	85	2,131,228	2,175,909	98	2,012,807	2,030,891	99
Wellsboro	0	4,613	0	0	28,017	0	0	43,733	0
West Penn	681,286	1,460,090	47	2,153,714	3,158,110	68	7,448,637	8,229,608	91

Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: 2015"  
See Appendix for definitions of small, medium and large non-residential classifications.  
MWh Sales is the sum of the quarterly reported data during the year.

**Figure 10 - EGS MWh Sales by Classification:  
Dec. 31, 2015  
Small, Medium and Large Non-Residential**



Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EDC Quarterly Reports- 2015"  
MWh Sales is the sum of the quarterly reported data during the year.

### III. Time-Varying Rates

This section provides information on trends as defined in the Commission’s regulations for:

#### Time-of-Use (TOU)

- **Total Number of EDC TOU Customer Accounts Served by EGSs**
  - 52 Pa Code §54.203(a)(2)(vi)-
- **Total Number of EDC TOU Customer Accounts Served by EGSs and EDC**
  - 52 Pa Code §54.203(a)(2)(vii)-
- **MWh Sales of EGSs; MWh Sales of EGSs and EDC**
  - §54.203 (a)(2)(viii)(ix)-

#### Hourly/Real-Time Price

- **Total Number of EDC Hourly/Real-Time Priced Customer Accounts Served by EGSs**
  - 52 Pa Code §54.203 (a)(2)(x)(xi)-
- **Total Number of EDC Hourly/Real-Time Priced Customer Accounts Served by EGSs and EDC**
  - 52 Pa Code §54.203 (a)(2)(x)(xi)-
- **MWh Sales of EGSs; MWh Sales of EGSs and EDC**
  - Pa Code §54.203 (a)(2)(xii)(xiii)-

#### A. Time of Use

From the first through fourth quarter 2015, the number of EDC TOU customer accounts and MWh sales for EDC TOU programs declined almost 100 percent. PECO, Metropolitan Edison Company (Met-Ed), Pennsylvania Electric Company (Penelec), PPL and UGI Utilities (UGI) reported TOU MWh sales, predominantly in the residential class. See the Appendix for definitions of small, medium and large non-residential classes.

**Table 9 - Number of EDCs TOU Customer Accounts and MWh Sales: 2015**

<i>Year and Quarter</i>	<i>(a) Number of Accounts*</i>	<i>(b) MWh Sales*</i>
<b>End-of-Year</b>		
2014	62,605	1,439,205
2015	6	481,243
<b>2015 Quarter</b>		
1st Quarter	61,020	481,197
2 <sup>nd</sup> Quarter	7	12
3 <sup>rd</sup> Quarter	9	23
4 <sup>th</sup> Quarter	6	11

\*EDCs continue to phase out TOU offerings and are no longer required to track EGS TOU offerings.

Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EDC Quarterly Reports—2015"

- (a) Total Number of EDCs TOU Customer Accounts Served by EGSs and EDCs. 52 Pa Code §54.203(a)(2)(vii);
- (b) MWh Sales of EGSs and EDCs. §54.203 (a)(2)(viii)(ix).

**Table 10 - Number of EDCs' TOU Customer Accounts  
December 31, 2015  
Residential and Non-Residential**

<i>EDC</i>	<i>Number Residential Accounts*</i>			<i>Number Non-Residential Accounts*</i>			<i>Total Accounts*</i>		
	<i>EGS<sup>a</sup></i>	<i>Total<sup>b</sup></i>	<i>%<sup>c</sup></i>	<i>EGS<sup>a</sup></i>	<i>Total<sup>b</sup></i>	<i>%<sup>c</sup></i>	<i>EGS<sup>a</sup></i>	<i>Total<sup>b</sup></i>	<i>%<sup>c</sup></i>
Citizens	0	0	0	0	0	0	0	0	0
Duquesne	0	0	0	0	0	0	0	0	0
UGI	0	6	0	0	0	0	0	6	0
Met-Ed	0	0	0	0	0	0	0	0	0
Penelec	0	0	0	0	0	0	0	0	0
Penn Power	0	0	0	0	0	0	0	0	0
PECO	0	0	0	0	0	0	0	0	0
Pike	0	0	0	0	0	0	0	0	0
PPL	0	0	0	0	0	0	0	0	0
Wellsboro	0	0	0	0	0	0	0	0	0
West Penn	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>0</b>

\*EDCs continue to phase out TOU offerings and are no longer required to track EGS TOU offerings.

Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EDC Quarterly Reports—4th Quarter 2015"

(a) Total Number of EDCs TOU Customer Accounts Served by EGSs. *52 Pa Code §54.203(a)(2)(vi)*;

(b) Total Number of EDCs TOU Customer Accounts Served by EGSs and EDCs. *52 Pa Code §54.203(a)(2)(vii)*;

(c) Percent of EDCs TOU Customer Accounts Served by EGSs.

**Table 11 - Number of EDCs' TOU Customer Accounts  
Dec. 31, 2015  
Small, Medium and Large Non-Residential**

<i>EDC</i>	<i>Number Small Non-Residential Accounts*</i>			<i>Number Medium Non-Residential Accounts*</i>			<i>Number Large Non-Residential Accounts*</i>		
	<i>EGS<sup>a</sup></i>	<i>Total<sup>b</sup></i>	<i>%<sup>c</sup></i>	<i>EGS<sup>a</sup></i>	<i>Total<sup>b</sup></i>	<i>%<sup>c</sup></i>	<i>EGS<sup>a</sup></i>	<i>Total<sup>b</sup></i>	<i>%<sup>c</sup></i>
Citizens	0	0	0	0	0	0	0	0	0
Duquesne	0	0	0	0	0	0	0	0	0
UGI	0	0	0	0	0	0	0	0	0
Met-Ed	0	0	0	0	0	0	0	0	0
Penelec	0	0	0	0	0	0	0	0	0
Penn Power	0	0	0	0	0	0	0	0	0
PECO	0	0	0	0	0	0	0	0	0
Pike	0	0	0	0	0	0	0	0	0
PPL	0	0	0	0	0	0	0	0	0
Wellsboro	0	0	0	0	0	0	0	0	0
West Penn	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

\*EDCs continue to phase out TOU offerings and are no longer required to track EGS TOU offerings.  
Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EDC Quarterly Reports—4th Quarter 2015"  
(a) Total Number of EDCs TOU Customer Accounts Served by EGSs. *52 Pa Code §54.203(a)(2)(vi)*;  
(b) Total Number of EDCs TOU Customer Accounts Served by EGSs and EDCs. *52 Pa Code §54.203(a)(2)(vii)*;  
(c) Percent of EDCs TOU Customer Accounts Served by EGSs.

**Table 12 – EDCs’ TOU Customer Accounts MWh Sales  
Dec. 31, 2015  
Residential and Non-Residential**

<b>EDC</b>	<b>Residential Sales (MWh)*</b>			<b>Non-Residential Sales (MWh)*</b>			<b>Total Sales (MWh)*</b>		
	<b>EGS<sup>a</sup></b>	<b>Total<sup>b</sup></b>	<b>%<sup>c</sup></b>	<b>EGS<sup>a</sup></b>	<b>Total<sup>b</sup></b>	<b>%<sup>c</sup></b>	<b>EGS<sup>a</sup></b>	<b>Total<sup>b</sup></b>	<b>%<sup>c</sup></b>
Citizens	0	0	0	0	0	0	0	0	0
Duquesne	0	0	0	0	0	0	0	0	0
UGI	0	38	0	0	0	0	0	38	0
Met-Ed	90,189	261,788	34	95,842	108,712	88	186,031	370,500	50
Penelec	44,829	107,650	42	903	2,281	40	45,732	109,931	42
Penn Power	0	0	0	0	0	0	0	0	0
PECO	0	0	0	0	0	0	0	0	0
Pike	0	0	0	0	0	0	0	0	0
PPL	0	774	0	0	0	0	0	774	0
Wellsboro	0	0	0	0	0	0	0	0	0
West Penn	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>135,018</b>	<b>370,250</b>	<b>36</b>	<b>96,745</b>	<b>110,993</b>	<b>87</b>	<b>231,763</b>	<b>481,243</b>	<b>48</b>

\*EDCs continue to phase out TOU offerings and are no longer required to track EGS TOU offerings.

Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EDC Quarterly Reports— 2015"

(a) MWh Sales of EGSs. 52 Pa Code §54.203(a)(2)(viii)(ix);

(b) MWh Sales of EGSs and EDCs. 52 Pa Code §54.203(a)(2)(viii)(ix);

(c) Percent of MWh Sales of EGSs;

MWh Sales is the sum of the quarterly reported data during the year.

**Table 13 – EDCs' TOU Customer Accounts MWh Sales  
Dec. 31, 2015  
Small, Medium and Large Non-Residential**

<b>EDC</b>	<b>Small Non-Residential Accounts*</b>			<b>Medium Non-Residential Accounts*</b>			<b>Large Non-Residential Accounts*</b>		
	<b>EGS<sup>a</sup></b>	<b>Total<sup>b</sup></b>	<b>%<sup>c</sup></b>	<b>EGS<sup>a</sup></b>	<b>Total<sup>b</sup></b>	<b>%<sup>c</sup></b>	<b>EGS<sup>a</sup></b>	<b>Total<sup>b</sup></b>	<b>%<sup>c</sup></b>
Citizens	0	0	0	0	0	0	0	0	0
Duquesne	0	0	0	0	0	0	0	0	0
UGI	0	0	0	0	0	0	0	0	0
Met-Ed	778	1,563	21	95,064	107,149	89	0	0	0
Penelec	903	2,281	40	0	0	0	0	0	0
Penn Power	0	0	0	0	0	0	0	0	0
PECO	0	0	0	0	0	0	0	0	0
Pike	0	0	0	0	0	0	0	0	0
PPL	0	0	0	0	0	0	0	0	0
Wellsboro	0	0	0	0	0	0	0	0	0
West Penn	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>1,681</b>	<b>3,844</b>	<b>44</b>	<b>95,064</b>	<b>107,149</b>	<b>89</b>	<b>0</b>	<b>0</b>	<b>0</b>

\*EDCs continue to phase out TOU offerings and are no longer required to track EGS TOU offerings.  
Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EDC Quarterly Reports— 2015"

- (a) MWh Sales of EGSs. 52 Pa Code §54.203(a)(2)(viii)(ix);
- (b) MWh Sales of EGSs and EDCs. 52 Pa Code §54.203(a)(2)(viii)(ix);
- (c) Percent of MWh Sales of EGSs;  
MWh Sales is the sum of the quarterly reported data during the year.

## B. Hourly/Real-Time Price

From the first through fourth quarter 2015, the number of EDCs' hourly/real-time price customer accounts increased 6 percent, while MWh sales decreased 5 percent. PECO, Duquesne, Met-Ed, Penelec, West Penn, Pennsylvania Power Company (Penn Power), PPL and UGI reported hourly/real-time price customer accounts only for the non-residential class. The large non-residential class had the most hourly/real-time price customer accounts. See Appendix for definitions of small, medium and large non-residential classes.

**Table 14 - Number of EDCs' Hourly/Real-Time Priced Customer Accounts and MWh Sales: 2015**

<i>Year and Quarter</i>	<i>(a) Number of Accounts</i>	<i>(b) MWh Sales</i>
<b><i>End-of-Year</i></b>		
2014	5,550	42,857,196
2015	5,887	42,779,596
<b><i>2015 Quarter</i></b>		
1st Quarter	5,578	10,842,827
2 <sup>nd</sup> Quarter	5,745	10,367,879
3 <sup>rd</sup> Quarter	5,913	11,319,988
4 <sup>th</sup> Quarter	5,887	10,248,902

Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EDC Quarterly Reports—2015"  
 (a) Total Number of EDCs Hourly/Real Time Priced Customer Accounts Served by EGSs and EDCs.  
 52 Pa Code §54.203 (a)(2)(x)(xi);  
 (b) MWh Sales of EGSs and EDCs. Pa Code §54.203 (a)(2)(xii)(xiii);  
 MWh Sales is the sum of the quarterly reported data during the year.

**Table 15 - Number of EDCs' Hourly/Real-Time Priced Customer Accounts  
Dec. 31, 2015  
Residential and Non-Residential**

<i>EDC</i>	<i>Number Residential Accounts</i>			<i>Number Non-Residential Accounts</i>			<i>Total Accounts</i>		
	<i>EGS<sup>a</sup></i>	<i>Total<sup>b</sup></i>	<i>%<sup>c</sup></i>	<i>EGS<sup>a</sup></i>	<i>Total<sup>b</sup></i>	<i>%<sup>c</sup></i>	<i>EGS<sup>a</sup></i>	<i>Total<sup>b</sup></i>	<i>%<sup>c</sup></i>
Citizens	0	0	0	0	0	0	0	0	0
Duquesne	0	0	0	795	893	89	795	893	89
UGI	0	0	0	124	204	61	124	204	61
Met-Ed	0	0	0	823	890	92	823	890	92
Penelec	0	0	0	770	856	90	770	856	90
Penn Power	0	0	0	273	314	87	273	314	87
PECO	0	0	0	1,797	1,918	94	1,797	1,918	94
Pike	0	0	0	0	0	0	0	0	0
PPL	0	0	0	0	195	0	0	195	0
Wellsboro	0	0	0	0	0	0	0	0	0
West Penn	0	0	0	553	617	90	553	617	90
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,135</b>	<b>5,887</b>	<b>87</b>	<b>5,135</b>	<b>5,887</b>	<b>87</b>

Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EDC Quarterly Reports—4th Quarter 2015"

- (a) Total Number of EDCs Hourly/Real Time Priced Customer Accounts Served by EGSs. 52 Pa Code §54.203 (a)(2)(x)(xi);
- (b) Total Number of EDCs Hourly/Real Time Priced Customer Accounts Served by EGSs and EDCs; 52 Pa Code §54.203 (a)(2)(x)(xi);
- (c) Percent of EDCs Hourly/Real Time Priced Customer Accounts Served by EGSs.

**Table 16 - Number of EDCs' Hourly/Real-Time Priced Customer Accounts  
Dec. 31, 2015  
Small, Medium and Large Non-Residential**

<i>EDC</i>	<i>Number Small Non-Residential Accounts</i>			<i>Number Medium Non-Residential Accounts</i>			<i>Number Large Non-Residential Accounts</i>		
	<i>EGS<sup>a</sup></i>	<i>Total<sup>b</sup></i>	<i>%<sup>c</sup></i>	<i>EGS<sup>a</sup></i>	<i>Total<sup>b</sup></i>	<i>%<sup>c</sup></i>	<i>EGS<sup>a</sup></i>	<i>Total<sup>b</sup></i>	<i>%<sup>c</sup></i>
Citizens	0	0	0	0	0	0	0	0	0
Duquesne	0	0	0	0	0	0	795	893	89
UGI	0	0	0	0	0	0	124	204	61
Met-Ed	0	0	0	0	0	0	823	890	93
Penelec	0	0	0	0	0	0	770	856	90
Penn Power	0	0	0	0	0	0	273	314	87
PECO	0	0	0	0	0	0	1,797	1,918	94
Pike	0	0	0	0	0	0	0	0	0
PPL	0	131	0	0	42	0	0	22	0
Wellsboro	0	0	0	0	0	0	0	0	0
West Penn	0	0	0	0	0	0	553	617	90
<b>Total</b>	<b>0</b>	<b>131</b>	<b>0</b>	<b>0</b>	<b>42</b>	<b>0</b>	<b>5,135</b>	<b>5,714</b>	<b>90</b>

Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EDC Quarterly Reports—4th Quarter 2015"  
(a) Total Number of EDCs Hourly/Real Time Priced Customer Accounts Served by EGSs. 52 Pa Code §54.203 (a)(2)(x)(xi);  
(b) Total Number of EDCs Hourly/Real Time Priced Customer Accounts Served by EGSs and EDCs. 52 Pa Code §54.203 (a)(2)(x)(xi);  
(c) Percent of EDCs Hourly/Real Time Priced Customer Accounts Served by EGSs.

**Table 17 - Hourly/Real-Time Priced MWh Sales by EDC Service Territories  
Dec. 31, 2015  
Residential and Non-Residential**

<i>EDC</i>	<i>Residential Sales (MWh)</i>			<i>Non-Residential Sales (MWh)</i>			<i>Total Sales (MWh)</i>		
	<i>EGS<sup>a</sup></i>	<i>Total<sup>b</sup></i>	<i>%<sup>c</sup></i>	<i>EGS<sup>a</sup></i>	<i>Total<sup>b</sup></i>	<i>%<sup>c</sup></i>	<i>EGS<sup>a</sup></i>	<i>Total<sup>b</sup></i>	<i>%<sup>c</sup></i>
Citizens	0	0	0	0	0	0	0	0	0
Duquesne	0	0	0	6,180,498	6,407,854	96	6,180,498	6,407,854	96
UGI	0	0	0	204,987	280,396	73	204,987	280,396	73
Met-Ed	0	0	0	5,251,329	5,384,184	98	5,251,329	5,384,184	98
Penelec	0	0	0	5,448,046	5,622,555	97	5,448,046	5,622,555	97
Penn Power	0	0	0	1,611,601	1,691,968	95	1,611,601	1,691,968	95
PECO	0	0	0	14,717,046	15,095,694	97	14,717,046	15,095,694	97
Pike	0	0	0	0	0	0	0	0	0
PPL	0	0	0	0	67,337	0	0	67,337	0
Wellsboro	0	0	0	0	0	0	0	0	0
West Penn	0	0	0	7,448,637	8,229,608	91	7,448,637	8,229,608	91
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>40,862,144</b>	<b>42,779,596</b>	<b>96</b>	<b>40,862,144</b>	<b>42,779,596</b>	<b>96</b>

Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EDC Quarterly Reports— 2015"

- (a) MWh Sales of EGSs. *52 Pa Code §54.203(a)(2)(xii) (xiii)*;
- (b) MWh Sales of EGSs and EDCs. *52 Pa Code §54.203(a)(2)(xii) (xiii)*;
- (c) Percent MWh Sales of EGSs;  
MWh Sales is the sum of the quarterly reported data during the year.

**Table 18 – EDCs’ Hourly/Real-Time Priced Customer Accounts MWh Sales  
Dec. 31, 2015  
Small, Medium and Large Non-Residential**

<b>EDC</b>	<b>Small Non-Residential Accounts</b>			<b>Medium Non-Residential Accounts</b>			<b>Large Non-Residential Accounts</b>		
	<b>EGS<sup>a</sup></b>	<b>Total<sup>b</sup></b>	<b>%<sup>c</sup></b>	<b>EGS<sup>a</sup></b>	<b>Total<sup>b</sup></b>	<b>%<sup>c</sup></b>	<b>EGS<sup>a</sup></b>	<b>Total<sup>b</sup></b>	<b>%<sup>c</sup></b>
Citizens	0	0	0	0	0	0	0	0	0
Duquesne	0	0	0	0	0	0	6,180,498	6,407,854	96
UGI	0	0	0	0	0	0	204,987	280,396	73
Met-Ed	0	0	0	0	0	0	5,251,329	5,384,184	98
Penelec	0	0	0	0	0	0	5,448,046	5,622,555	97
Penn Power	0	0	0	0	0	0	1,611,601	1,691,968	95
PECO	0	0	0	0	0	0	14,717,046	15,095,694	96
Pike	0	0	0	0	0	0	0	0	0
PPL	0	20,190	0	0	29,061	0	0	18,086	0
Wellsboro	0	0	0	0	0	0	0	0	0
West Penn	0	0	0	0	0	0	7,448,637	8,229,608	91
<b>Total</b>	<b>0</b>	<b>20,190</b>	<b>0</b>	<b>0</b>	<b>29,061</b>	<b>0</b>	<b>40,862,144</b>	<b>42,730,345</b>	<b>96</b>

Source: “PA Retail Electricity Choice Activity Report at Docket L-00070184: EDC Quarterly Reports— 2015”

(a) MWh Sales of EGSs. 52 Pa Code §54.203(a)(2)(xii) (xiii);

(b) MWh Sales of EGSs and EDCs. 52 Pa Code §54.203(a)(2)(xii) (xiii);

(c) Percent MWh Sales of EGSs.

MWh Sales is the sum of the quarterly reported data during the year.

## IV. Number of Active EGSs in EDC Service Territories

This section summarizes the number of active EGSs serving customer accounts in EDC service territories on Dec. 31, 2014, and Dec. 31, 2015. An active EGS is defined as “an EGS that is licensed to provide retail electric generation service and is providing that service to one or more customers.” The data is presented for residential/non-residential and small, medium and large non-residential classes.

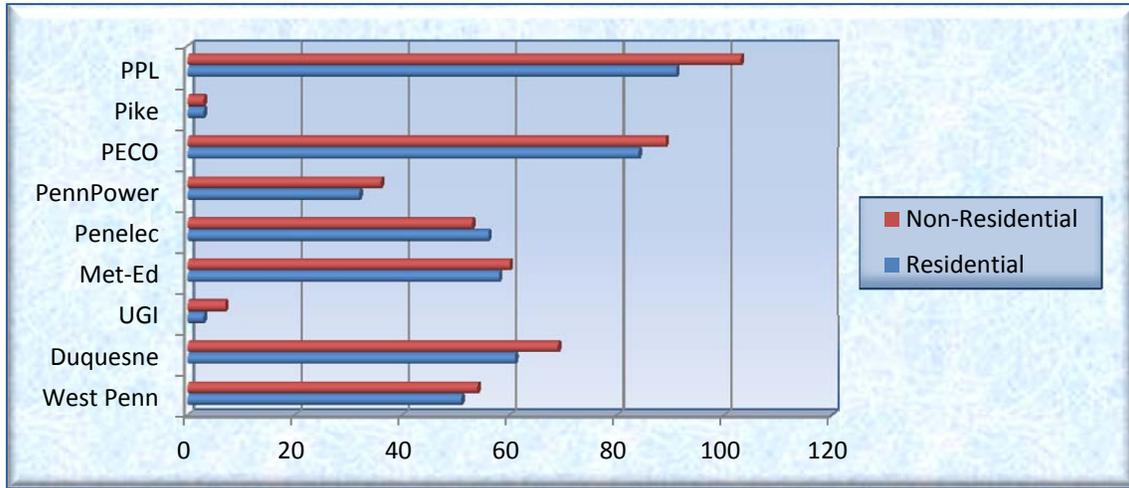
From Dec. 31, 2014, through Dec. 31, 2015, the number of active EGSs increased in Duquesne, UGI, Met-Ed, Penelec, PennPower, PECO, PPL and West Penn service territories. PPL, PECO and Duquesne reported the most active EGSs during this period, predominantly in the non-residential class. The small non-residential class had the most active non-residential EGSs. See Appendix for definitions of small, medium and large non-residential classes.

**Table 19 - Number of Active EGSs by EDC Service Territories  
Dec. 31, 2015  
Residential and Non-Residential**

<i>EDC</i>	<i># Active EGSs Residential 2014</i>	<i># Active EGSs Residential 2015</i>	<i># Active EGSs Non-Residential 2014</i>	<i># Active EGSs Non-Residential 2015</i>
Citizens	1	1	1	1
Duquesne	57	61	68	69
UGI	3	3	6	7
Met-Ed	50	58	55	60
Penelec	48	56	48	53
Penn Power	23	32	30	36
PECO	79	84	84	89
Pike	3	3	3	3
PPL	88	91	100	103
Wellsboro	0	0	0	0
West Penn	45	51	50	54

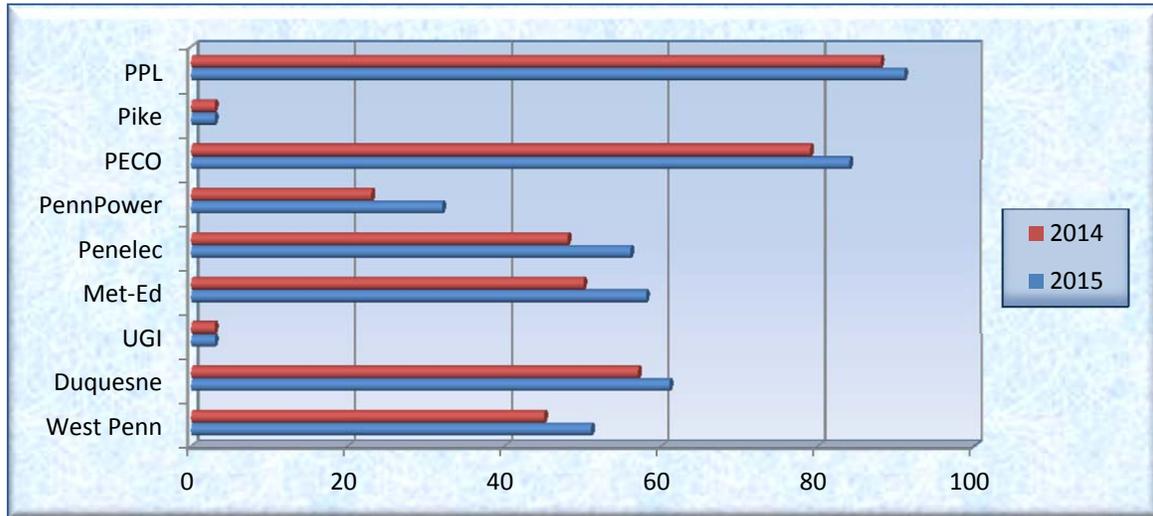
Source: “PA Retail Electricity Choice Activity Report at Docket L-00070184: EDC Quarterly Reports—4<sup>th</sup> Quarter 2014 and 2015”

**Figure 11 - Active EGSs by EDC Service Territories  
Dec. 31, 2015  
Residential and Non-Residential**



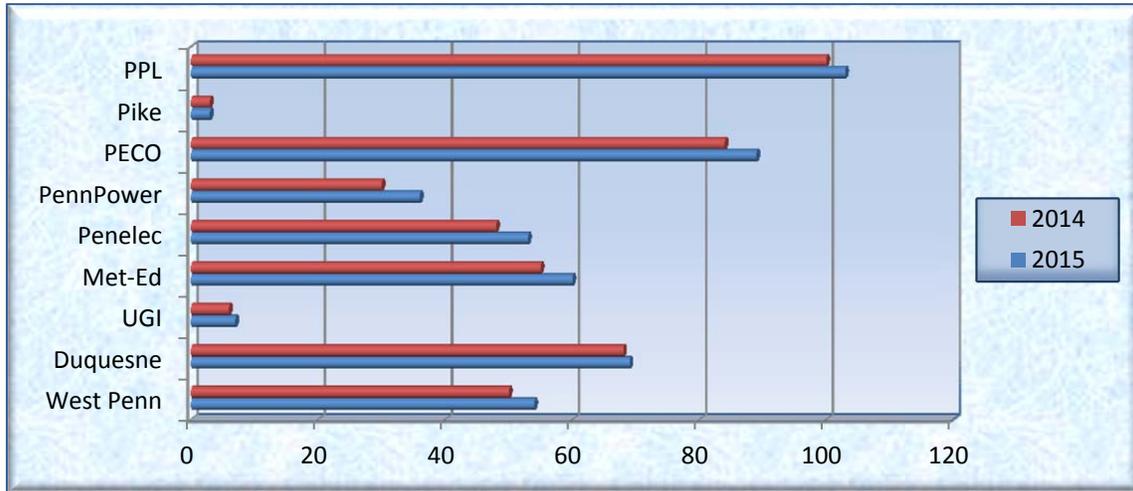
Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EDC Quarterly Reports—4<sup>th</sup> Quarter 2015"

**Figure 12 - Active EGSs by EDC Service Territories  
Dec. 31, 2015  
Residential**



Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EDC Quarterly Reports—4<sup>th</sup> Quarter 2014 and 2015"

**Figure 13 - Active EGSs by EDC Service Territories  
Dec. 31, 2015  
Non-Residential**



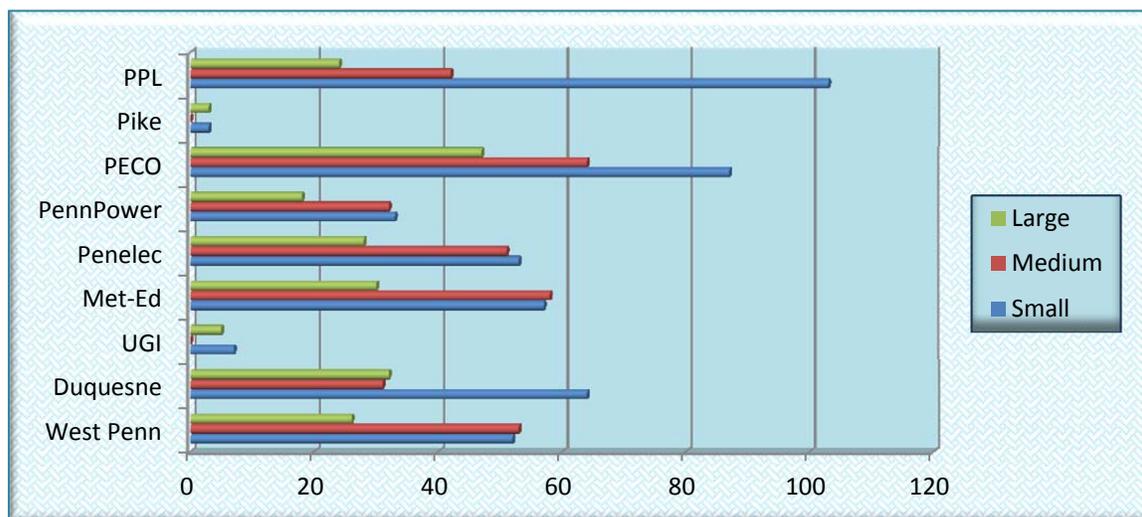
Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EDC Quarterly Reports—4<sup>th</sup> Quarter 2014 and 2015"

**Table 20 - Number of Active EGSs by EDC Service Territories:  
Dec. 31, 2015  
Small, Medium and Large Non-Residential**

<b>EDC</b>	<b># EGSs- Small Non-Residential</b>	<b># EGSs- Medium Non-Residential</b>	<b># EGSs- Large Non-Residential</b>
Citizens	1	1	1
Duquesne	64	31	32
UGI	7	0	5
Met-Ed	57	58	30
Penelec	53	51	28
Penn Power	33	32	18
PECO	87	64	47
Pike	3	0	3
PPL	103	42	24
Wellsboro	0	0	0
West Penn	52	53	26

Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EDC Quarterly Reports—4<sup>th</sup> Quarter 2015"

**Figure 14 - Active EGSs by EDC Service Territories:  
Dec. 31, 2015  
Small, Medium and Large Non-Residential**



Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EDC Quarterly Reports—4<sup>th</sup> Quarter 2015"

## **V. Electric Generation Supplier Programs**

This section summarizes reports submitted to the Commission by 90 active EGSs regarding the number of customer accounts that participated in various programs. An active EGS shall file an annual sales activity report for the previous calendar year with the Commission on or before April 30 of each year. 52 Pa. Code §54.203(a)(6).

As of Dec. 31, 2015, the EDC reports indicate 106 active EGSs. The data in this report represents information provided by 90 active EGSs. Over 80 percent of active EGSs filed the reports.

Due to confidentiality concerns, the data is reported in the aggregate and does not disclose individual EGS market shares. EGS program categories include: flat and time-varying rates; fixed-term contract lengths; curtailable and green power products; and EGS billing information.

## Highlights as of Dec. 31, 2015:

- **Flat and Time-Varying Rates:**
  - Flat rates had the most customer accounts with 1,508,196. The residential class comprised 1,271,217 (84 percent) of flat-rate accounts. The small non-residential class had the most non-residential, flat-rate customer accounts with 184,727;
  - Time-Varying rates, including TOU, hourly/real-time, seasonal, hybrid and other had a combined total of 719,593 customer accounts. The residential class comprised 573,976 (80 percent) of time-varying accounts. The small non-residential class had the most non-residential time-varying rate customer accounts with 130,004;
- **Fixed-Term Contract Lengths:** One-year, fixed-term contracts had the most customer accounts with 700,665. The residential class comprised 644,894 (92 percent) of one-year fixed term contracts. The small non-residential class had the most non-residential, two-year, fixed-term customer accounts with 67,759;
- **Curtable:** Mandatory curtable programs had the most customer accounts with 42,703. The residential class comprised 40,450 (95 percent) of mandatory programs. The small non-residential class had the most non-residential, mandatory curtable customer accounts with 2,174;
- **Green Power:** Green power had 223,682 customer accounts. The residential class comprised 195,127 (87 percent) of green power accounts. The small non-residential class had the most non-residential green power customer accounts with 26,451;
- **Billing:** Supplier billing had the most customer accounts with 81,506. The non-residential class comprised 73,878 (91 percent) of supplier billing accounts. The small non-residential class had the most non-residential supplier billing customer accounts with 53,356.

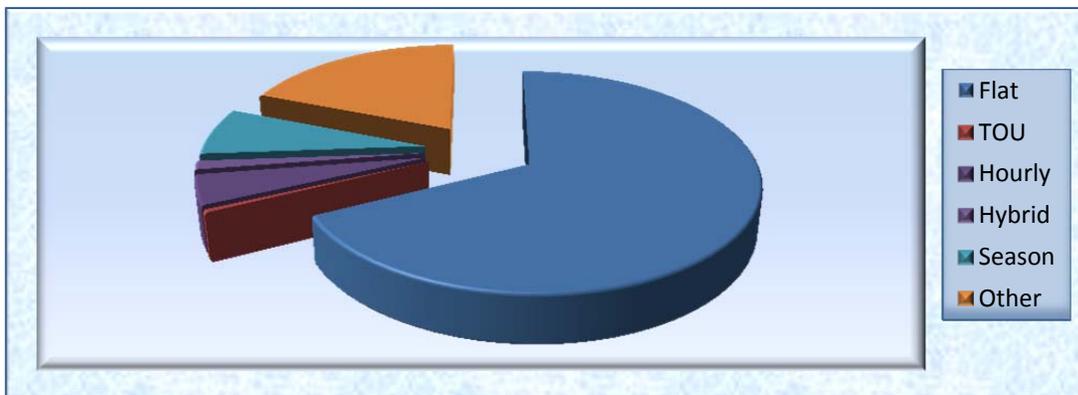
## Flat and Time-Varying Rates

**Table 21a - Number of EGS Flat and Time-Varying Customer Accounts:  
2013-2015  
Residential and Non-Residential**

<i>Program</i>	<i>Number Residential Customer Accounts</i>	<i>Number Non-Residential Customer Accounts</i>	<i>Number Residential/ Non-Residential Customer Accounts</i>
Flat Rate- 2015	1,271,217	236,979	1,508,196
Flat Rate- 2014	874,918	149,960	1,024,878
Flat Rate- 2013	933,888	132,019	1,065,907
Time of Use- 2015	9,292	286	9,578
Time of Use- 2014	0	554	554
Time of Use- 2013	14,092	602	14,694
Hourly/Real Time- 2015	34,801	63,927	98,728
Hourly/Real Time- 2014	69,529	51,283	120,812
Hourly/Real Time- 2013	0	14,211	14,211
Seasonal Rates- 2015	144,372	15,217	159,589
Seasonal Rates- 2014	47,207	5,578	52,785
Seasonal Rates- 2013	117,056	10,617	127,673
Hybrid- 2015	3	28,683	28,686
Hybrid- 2014	133	22,084	22,217
Hybrid- 2013	494	5,575	6,069
Other- 2015	385,508	37,504	423,012
Other- 2014	271,349	15,484	286,833
Other- 2013	64,801	26,298	91,100

Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EGS Annual Report: 2013-2015 "  
Data is based on reports submitted by active EGSs: 47 in 2013; 70 in 2014; & 90 in 2015.  
"Customer Accounts" data is reported as of December 31.

**Figure 15 - EGS Flat and Time-Varying Customer Accounts:  
2015  
Residential and Non-Residential**



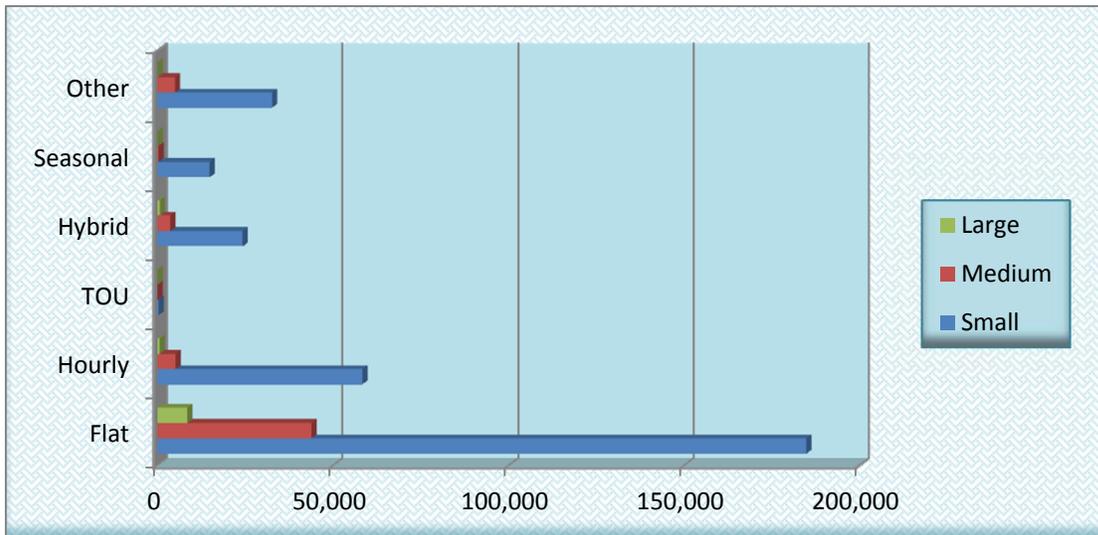
Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EGS Annual Report—2015"  
Data is based on reports submitted by 90 active EGSs.  
"Customer Accounts" data is reported as of December 31.

**Table 21b - Number of EGS Flat and Time-Varying Customer Accounts:  
2013-2015  
Small, Medium and Large Non-Residential**

<i>Program</i>	<i>Number Small Customer Accounts</i>	<i>Number Medium Customer Accounts</i>	<i>Number Large Customer Accounts</i>
Flat Rate- 2015	184,727	43,761	8,491
Flat Rate- 2014	106,991	38,460	4,509
Flat Rate- 2013	108,015	21,126	2,878
Time of Use- 2015	218	55	13
Time of Use- 2014	256	286	12
Time of Use- 2013	558	16	28
Hourly/Real Time- 2015	58,173	5,143	611
Hourly/Real Time- 2014	26,916	22,180	2,187
Hourly/Real Time- 2013	11,047	2,656	508
Seasonal- 2015	14,883	333	1
Seasonal- 2014	5,187	379	12
Seasonal- 2013	10,494	105	18
Hybrid- 2015	24,257	3,695	731
Hybrid- 2014	17,661	3,150	1,273
Hybrid- 2013	3,749	1,421	405
Other- 2015	32,473	4,970	61
Other- 2014	12,881	1,062	1,541
Other- 2013	20,514	5,489	296

Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EGS Annual Report: 2013-2015"  
Data is based on reports submitted by active EGSs: 47 in 2013; 70 in 2014; & 90 in 2015.  
"Customer Accounts" data is reported as of December 31.

**Figure 16 - EGS Flat and Time-Varying Customer Accounts:  
2015  
Small, Medium and Large Non-Residential**



Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EGS Annual Report—2015"  
Data is based on reports submitted by 90 active EGSs.  
"Customer Accounts" data is reported as of December 31.

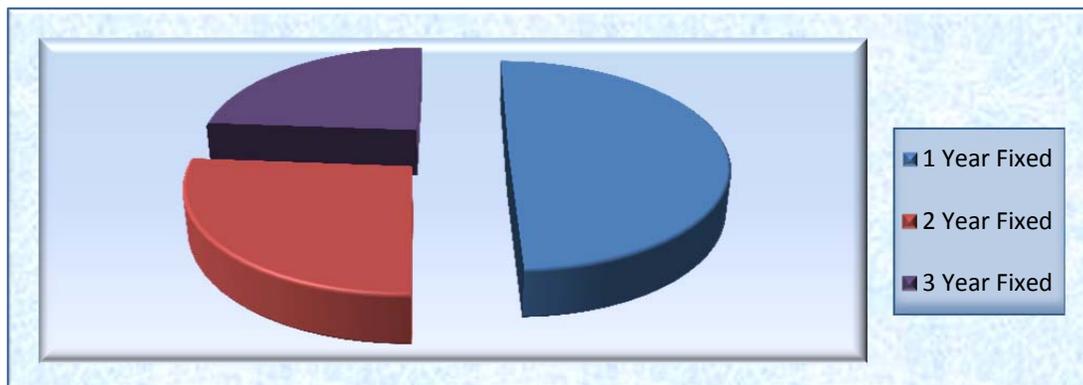
## Fixed-Term Contract Lengths

**Table 22a - Number of EGS Fixed-Term Contract Customer Accounts:  
2013-2015  
Residential and Non-Residential**

<i>Program</i>	<i>Number Residential Customer Accounts</i>	<i>Number Non-Residential Customer Accounts</i>	<i>Number Residential/ Non-Residential Customer Accounts</i>
1 Year Fixed Term- 2015	644,894	55,771	700,665
1 Year Fixed Term- 2014	425,620	33,470	459,090
1 Year Fixed Term- 2013	262,792	77,061	339,853
2 Year Fixed Term- 2015	287,096	88,048	375,144
2 Year Fixed Term- 2014	194,914	58,147	253,061
2 Year Fixed Term- 2013	362,705	57,114	419,819
3 Year Fixed Term- 2015	270,306	65,541	335,847
3 Year Fixed Term- 2014	9,970	34,142	44,112
3 Year Fixed Term- 2013	189,073	25,758	214,831

Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EGS Annual Report: 2013-2015"  
Data reports the number of fixed term contract customer accounts by length of the original primary contract, specifying the length in number of years. Pa Code §54.203 (a)(4)(vi).  
Data Includes customer accounts on flat, seasonal, TOU, and hybrid rate schedules.  
Data is based on reports submitted by active EGSs: 47 in 2013; 70 in 2014; & 90 in 2015.  
"Customer Accounts" data is reported as of December 31.

**Figure 17 - EGS Fixed-Term Contract Customer Accounts:  
2015  
Residential and Non-Residential**



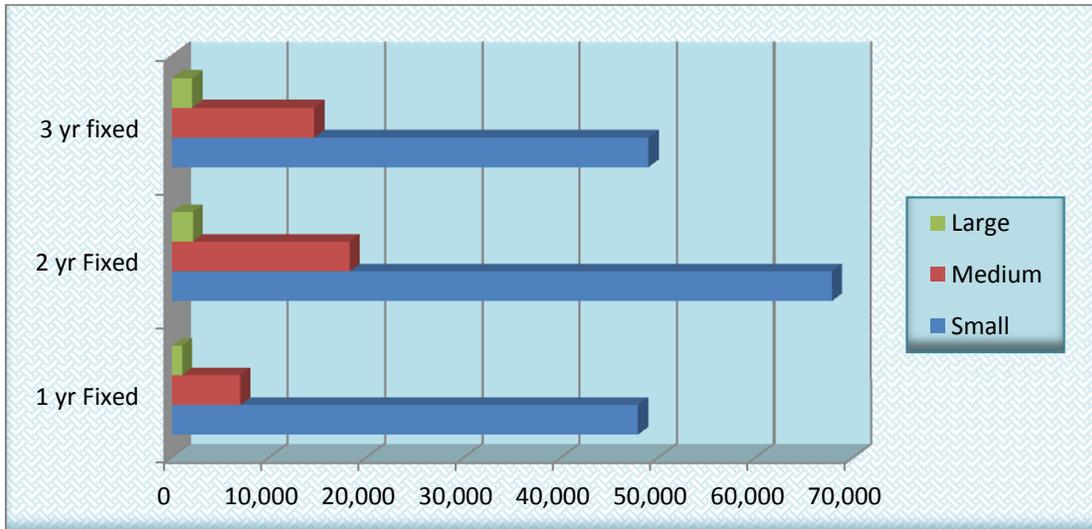
Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EGS Annual Report— 2015"  
Data reports the number of fixed term contract customer accounts by length of the original primary contract, specifying the length in number of years. Pa Code §54.203 (a)(4)(vi).  
Data Includes customer accounts on flat, seasonal, TOU, and hybrid rate schedules.  
Data is based on reports submitted by 90 active EGSs.  
"Customer Accounts" data is reported as of December 31.

**Table 22b - Number of EGS Fixed-Term Contract Customer Accounts:  
2013-2015  
Small, Medium and Large Non-Residential**

<i>Program</i>	<i>Number Small Customer Accounts</i>	<i>Number Medium Customer Accounts</i>	<i>Number Large Customer Accounts</i>
1 Year Fixed Term- 2015	47,804	6,975	992
1 Year Fixed Term- 2014	24,682	7,647	1,141
1 Year Fixed Term- 2013	65,842	9,969	1,250
2 Year Fixed Term- 2015	67,759	18,194	2,095
2 Year Fixed Term- 2014	38,599	17,293	2,255
2 Year Fixed Term- 2013	44,466	11,279	1,369
3 Year Fixed Term- 2015	48,896	14,585	2,060
3 Year Fixed Term- 2014	22,635	10,323	1,184
3 Year Fixed Term- 2013	20,176	4,814	768

Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EGS Annual Report: 2013-2015"  
 Data reports the number of fixed term contract customer accounts by length of the original primary contract, specifying the length in number of years. Pa Code §54.203 (a)(4)(vi).  
 Data Includes customer accounts on flat, seasonal, TOU, and hybrid rate schedules.  
 Data is based on reports submitted by active EGSs: 47 in 2013; 70 in 2014; & 90 in 2015.  
 "Customer Accounts" data is reported as of December 31.

**Figure 18 - EGS Fixed-Term Contract Customer Accounts:  
2015  
Small, Medium and Large Non-Residential**



Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EGS Annual Report— 2015 "  
 Data reports the number of fixed term contract customer accounts by length of the original primary contract, specifying the length in number of years. Pa Code §54.203 (a)(4)(vi).  
 Data Includes customer accounts on flat, seasonal, TOU, and hybrid rate schedules.  
 Data is based on reports submitted by 90 active EGSs.  
 "Customer Accounts" data is reported as of December 31.

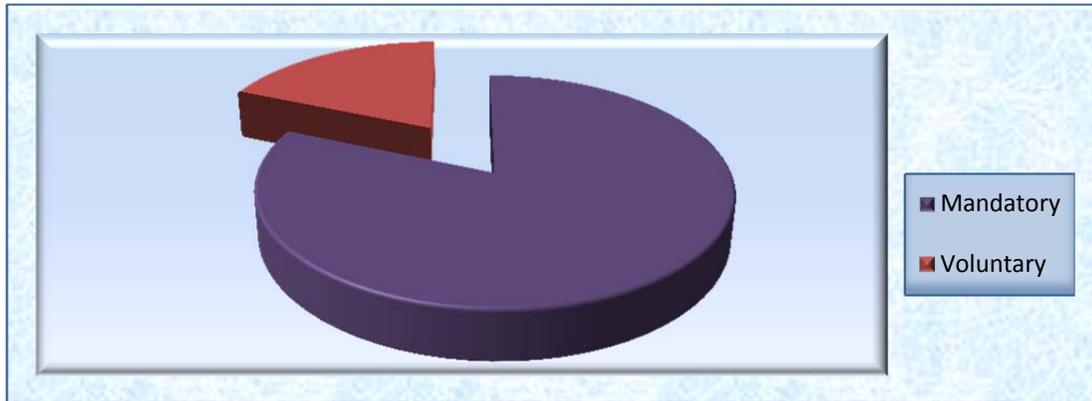
## Curtable Programs

**Table 23a - Number of EGS Curtable Customer Accounts:  
2013-2015  
Residential and Non-Residential**

<i>Program</i>	<i>Number Residential Customer Accounts</i>	<i>Number Non-Residential Customer Accounts</i>
Mandatory Curtable- 2015	40,450	2,253
Mandatory Curtable- 2014	26,235	1,069
Mandatory Curtable- 2013	0	141
Voluntary Curtable- 2015	8,353	1,423
Voluntary Curtable- 2014	4,802	1,367
Voluntary Curtable- 2013	0	693

Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EGS Annual Report: 2013-2015"  
Data is based on reports submitted by active EGSs: 47 in 2013; 70 in 2014; & 90 in 2015.  
"Customer Accounts" data is reported as of December 31.

**Figure 19 - EGS Curtable Customer Accounts:  
2015  
Residential and Non-Residential**



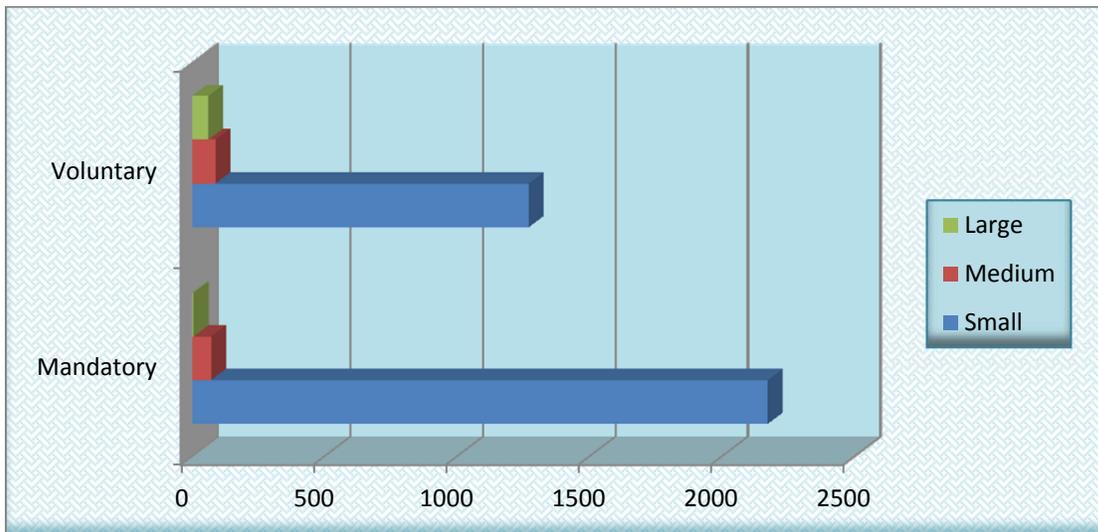
Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EGS Annual Report— 2015"  
Data is based on reports submitted by 90 active EGSs.  
"Customer Accounts" data is reported as of December 31.

**Table 23b - Number of EGS Curtailable Customer Accounts:  
2013-2015  
Small, Medium and Large Non-Residential**

<i>Program</i>	<i>Number Small Customer Accounts</i>	<i>Number Medium Customer Accounts</i>	<i>Number Large Customer Accounts</i>
Mandatory Curtailable- 2015	2,174	72	7
Mandatory Curtailable- 2014	894	120	55
Mandatory Curtailable- 2013	0	66	75
Voluntary Curtailable- 2015	1,272	89	62
Voluntary Curtailable- 2014	654	8	705
Voluntary Curtailable- 2013	17	444	232

Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EGS Annual Report: 2013-2015"  
Data is based on reports submitted by active EGSs: 47 in 2013; 70 in 2014; & 90 in 2015.  
"Customer Accounts" data is reported as of December 31.

**Figure 20 - EGS Curtailable Customer Accounts:  
2015  
Small, Medium and Large Non-Residential**



Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EGS Annual Report—2015"  
Data is based on reports submitted by 90 active EGSs.  
"Customer Accounts" data is reported as of December 31.

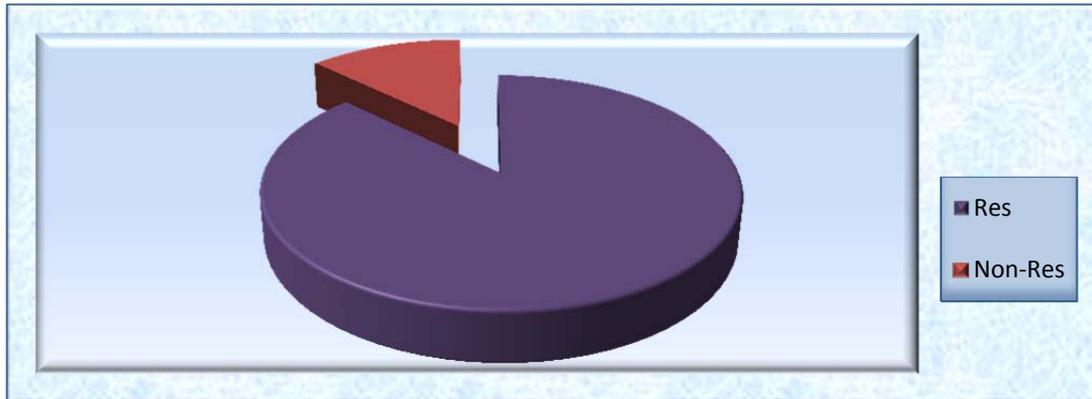
## Green Power

**Table 24a - Number of EGS Green Power Customer Accounts:  
2013-2015  
Residential and Non-Residential**

<i>Program</i>	<i>Number Residential Customer Accounts</i>	<i>Number Non-Residential Customer Accounts</i>	<i>Total Residential/ Non-Residential Customer Accounts</i>
Green Power- 2015	195,127	28,555	223,682
Green Power- 2014	237,154	20,052	257,206
Green Power- 2013	129,647	12,139	141,786

Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EGS Annual Report: 2013-2015"  
Data is based on reports submitted by active EGSs: 47 in 2013; 70 in 2014; & 90 in 2015.  
"Customer Accounts" data is reported as of December 31.

**Figure 21 - EGS Green Power Customer Accounts:  
2015  
Residential and Non-Residential**



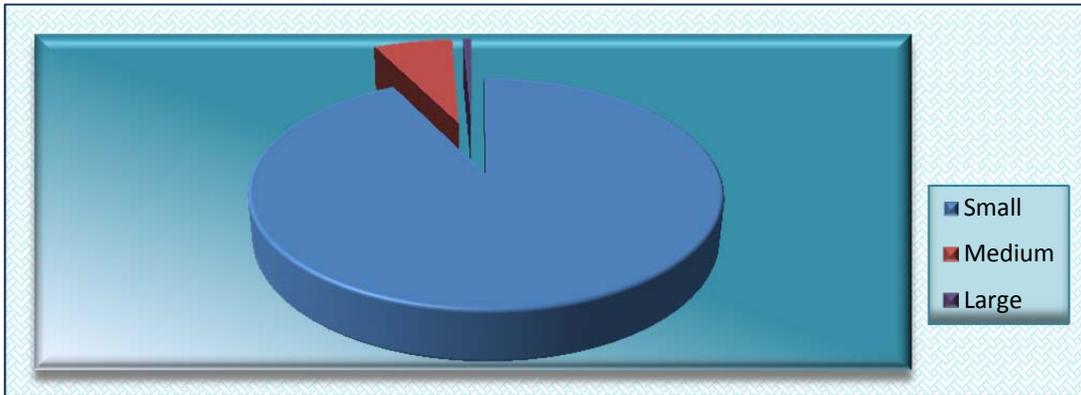
Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EGS Annual Report— 2015"  
Data is based on reports submitted by 90 active EGSs.  
"Customer Accounts" data is reported as of December 31.

**Table 24b - Number of EGS Green Power Customer Accounts:  
2013-2015  
Small, Medium and Large Non-Residential**

<i>Program</i>	<i>Number Small Customer Accounts</i>	<i>Number Medium Customer Accounts</i>	<i>Number Large Customer Accounts</i>
Green Power- 2015	26,451	1,901	203
Green Power- 2014	13,399	6,056	597
Green Power- 2013	11,375	448	316

Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EGS Annual Report: 2013-2015"  
Data is based on reports submitted by active EGSs: 47 in 2013; 70 in 2014; & 90 in 2015.  
"Customer Accounts" data is reported as of December 31.

**Figure 22 - EGS Green Power Customer Accounts:  
2015  
Small, Medium and Large Non-Residential**



Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EGS Annual Report— 2015"  
Data is based on reports submitted by 90 active EGSs.  
"Customer Accounts" data is reported as of December 31.

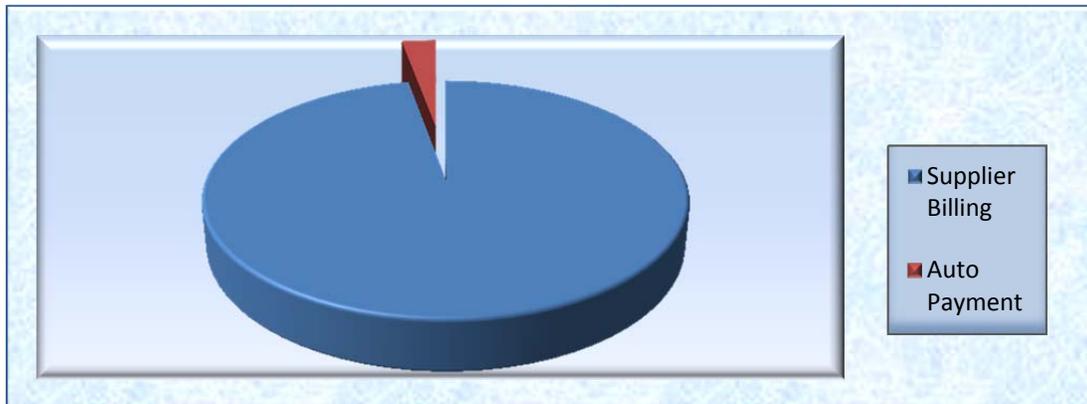
## Billing

**Table 25a - Number of EGS Billing Customer Accounts:  
2013-2015  
Residential and Non-Residential**

<i>Program</i>	<i>Number Residential Customer Accounts</i>	<i>Number Non-Residential Customer Accounts</i>	<i>Total Residential/ Non-Residential Customer Accounts</i>
Supplier Billing- 2015	7,628	73,878	81,506
Supplier Billing- 2014	9,175	59,280	68,455
Supplier Billing- 2013	1,632	39,217	40,849
Auto Payment- 2015	7	2,394	2,401
Auto Payment- 2014	43	2,875	2,918
Auto Payment- 2013	37	2,059	2,096

Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EGS Annual Report: 2013-2015"  
Data is based on reports submitted by active EGSs: 47 in 2013; 70 in 2014; & 90 in 2015.  
"Customer Accounts" data is reported as of December 31.

**Figure 23 - EGS Billing Customer Accounts:  
2015  
Residential and Non-Residential**



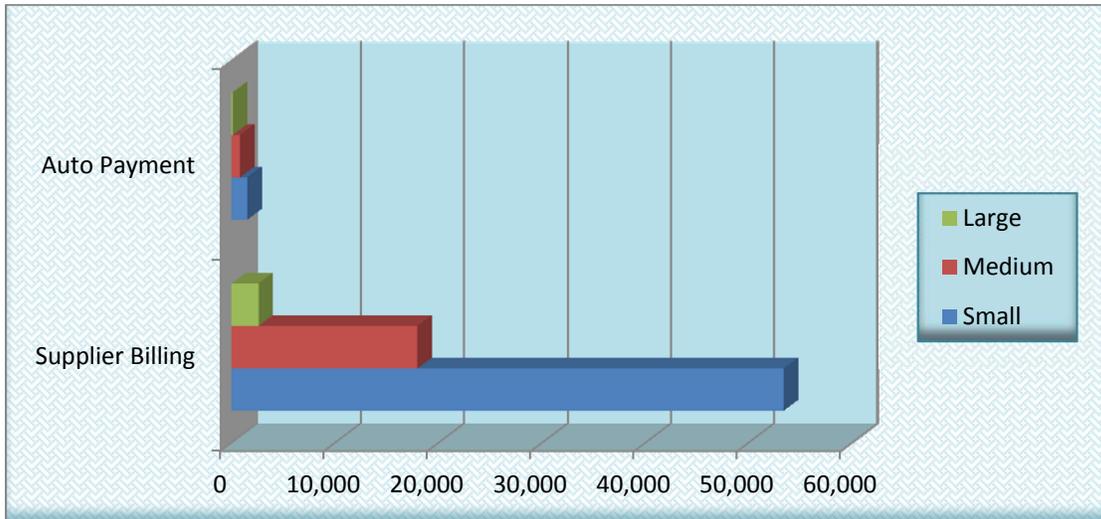
Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EGS Annual Report-- 2015"  
Data is based on reports submitted by 90 active EGSs.  
"Customer Accounts" data is reported as of December 31.

**Table 25b - Number of EGS Billing Customer Accounts:  
2013-2015  
Small, Medium and Large Non-Residential**

<i>Program</i>	<i>Number Small Customer Accounts</i>	<i>Number Medium Customer Accounts</i>	<i>Number Large Customer Accounts</i>
Supplier Billing- 2015	53,356	17,944	2,578
Supplier Billing- 2014	42,655	13,996	2,629
Supplier Billing- 2013	25,985	11,584	1,648
Auto Payment- 2015	1,489	796	109
Auto Payment- 2014	1,809	855	211
Auto Payment- 2013	1,271	684	104

Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EGS Annual Report: 2013-2015"  
Data is based on reports submitted by active EGSs: 47 in 2013; 70 in 2014; & 90 in 2015.  
"Customer Accounts" data is reported as of December 31.

**Figure 24 - EGS Billing Customer Accounts:  
2015  
Small, Medium and Large Non-Residential**



Source: "PA Retail Electricity Choice Activity Report at Docket L-00070184: EGS Annual Report— 2015"  
Data is based on reports submitted by 90 active EGSs.  
"Customer Accounts" data is reported as of December 31.

## VI. Appendix – Definitions

**Active EGS** – An EGS that is licensed to provide retail electric generation service and is providing that service to one or more customers.

**Flat-Rate Customer Account** – A customer account that is charged a fixed, cents-per-kwh rate that changes no more frequently than monthly, excluding seasonal rates.

**Green Power Customer Account** – A retail customer account incorporating electric power supply that has greater-than-required renewable content, as specified in section 3 of the Alternative Energy Portfolio Standards Act (73 P.S. § 1648.3).

**Fixed-Term Contract**— A contract which includes an all-inclusive per kWh price that will remain the same for at least three billing cycles or the term of the contract, whichever is longer.

**Hourly/Real-Time Rate** – A pricing arrangement based on hourly or daily energy prices.

**Hybrid-Rate Customer Account** – A retail customer account that is charged via an electric generation pricing arrangement that incorporates hourly and block rates.

**Seasonal Rates** – Rates which differ in summer/non-summer.

**Supplier Billing** – Includes all customers who are not billed by the utility for the supplier's services. Also includes customers billed by a billing service other than the utility.

**Time-of-Use Rate** – A rate that changes at different times of the day or night, or at different times during a 24-hour or 7-day period, but not as frequently as each hour, to reflect the costs of serving the customer during different time periods.

## **Small, Medium and Large Non-Residential Definitions**

### **Citizens Electric Company**

Small Non-Residential: General light and power service under 50 kilowatts.

Medium Non-Residential: General light and power service 50 kilowatts minimum.

Large Non-Residential: General light and power service greater than 1,000 kilowatts, at primary voltage.

### **Duquesne Light Company**

Small Non-Residential: Small commercial and industrial customers with maximum registered peak metered demands of less than 25 kilowatts.

Medium Non-Residential: Medium commercial and industrial customers with maximum registered peak metered demands of 25 kilowatts or greater and less than 300 kilowatts.

Large Non-Residential: Large commercial and industrial customers with maximum registered peak metered demands of 300 kilowatts or greater.

### **UGI Utilities Inc.**

Small Non-Residential: Annual peak load of less than 100 kilowatts.

Medium Non-Residential: N/A.

Large Non-Residential: Annual peak load of greater than 100 kilowatts.

Annual peak load is defined as the highest one-hour usage in a 12-month period.

### **Metropolitan Edison Company**

Small Non-Residential: Secondary service with annual usage of 120,000 kilowatt-hours or less.

Medium Non-Residential: Secondary service with annual usage of greater than 120,000 kilowatt-hours.

Large Non-Residential: Primary and transmission service with annual usage greater than 2,000,000 kilowatt-hours.

### **Pennsylvania Electric Company**

Small Non-Residential: Secondary service with annual usage of 120,000 kilowatt-hours or less.

Medium Non-Residential: Secondary service with annual usage of greater than 120,000 kilowatt-hours.

Large Non-Residential: Primary and Transmission service with annual usage greater than 2,000,000 kilowatt-hours.

### **Pennsylvania Power Company**

Small Non-Residential: Secondary service with annual usage of 120,000 kilowatt-hours or less.

Medium Non-Residential: Secondary service with annual usage of greater than 120,000 kilowatt-hours.

Large Non-Residential: Primary and Transmission service with annual usage greater than 2,000,000 kilowatt-hours.

### **PECO Energy Company**

Small Non-Residential: Registered demand less than 100 kilowatts, GS non-demand metered, Lighting.

Medium Non-Residential: Registered demand between 100 kilowatts and 500 kilowatts.

Large Non-Residential: Registered demand equal to or greater than 500 kilowatts, rate class EP.

### **Pike County Light and Power Company**

Small Non-Residential: Small commercial and industrial General Service-Secondary Service and Municipal/Private Lighting.

Medium Non-Residential: N/A

Large Non-Residential: Large commercial and industrial – Primary Service.

### **PPL Electric Utilities Corporation**

Small Non-Residential: Secondary voltage level-rate classes: BL, GH-1, GH-2, GH-2, GS-1, GS-3, IS-1 and Street Lighting.

Medium Non-Residential: Primary voltage level-rate classes: LP-4 and IS-P.

Large Non-Residential: Transmission voltage level-rate classes: LP-5, LP-6, LPEP.

### **Wellsboro Electric Company**

Small Non-Residential: Small- Commercial- demand under 7 kilowatts or less.

Medium Non-Residential: Small- Commercial- demand of not less than 7 kilowatts.

Large Non-Residential: Large- Commercial- primary voltage not less than 50 kilowatts.

### **West Penn Power Company**

Small Non-Residential: Rate Schedules 20, 22, 23 and 24.

Medium Non-Residential: Rate Schedule 30.

Large Non-Residential: Rate Schedules 40, 41, 44, 46 and Tariff 37.