Borough of Butler Electric Utility L.E.A.C. Rate for Service Rendered April 1, 2016 Through June 30, 2016

### Borough of Butler Electric Utility <u>Table of Contents</u>

Schedule A	Summary of Required Filing Contents.
Schedule B	Projection of Kilowatt Hours Purchased for the Period April 1, 2016 through March 31, 2017.
Schedule C-1	Purchased Power Projection for the Period January 1, 2016 through March 31, 2017.
Schedule C-2	Managed Contracts Cost Worksheet
Schedule C-3	P.A.S.N.Y. Purchased Power Projection for the Period April 1, 2016 through March 31, 2017.
Schedule D	Estimated Purchases, Billed Sales and Loss Factor for the Period April 1, 2016 through March 31, 2017.
Schedule D-1	Schedule of Historical Line Losses.
Schedule D-2	Monthly Billing Analysis for the Year Ended December 31, 2015
Schedule D-3	Monthly Billing Analysis for the Year Ended December 31, 2014
Schedule E	Summary of Projected Purchased Power Costs and Recoveries for the Period January 1, 2016 through March 31, 2017.
Schedule E-1	Schedule of Interest on Over Recoveries for the Year Ended December 31, 2015 and December 31, 2014.
Schedule F	Calculation of the Required L.E.A.C. Rate for the Period April 1, 2016 through June 30, 2016.
Schedule G	Summary of Purchased Power Costs and Recoveries for the Year Ended December 31, 2015.

## Borough of Butler Electric Utility Table of Contents (Continued)

Schedule H

Butler Electric Utility Tariff to be Effective April 1, 2016.

Schedule I

Master Power Purchase and Sale Agreement Confirmation Letter between the Borough of Butler and:

1/16/16-5/31/16:

PSEG Energy Resources & Trade LLC Exelon Generation Company, LLC PSEG Energy Resources & Trade LLC

6/1/16-3/31/17:

PPL Energy Plus LLC PPL Energy Plus LLC

**Nextera Energy Power Marketing LLC** 

Schedule J

Purchased Power Costs for the Year Ended December 31, 2015.

Schedule K

Gross Operating Billings for the Year Ended December 31, 2015. Estimated Gross Operating Billings for the Year Ended December 31, 2016 and Percentage Change from Previous Year.

Schedule L

Impact on 1,000 KWH Residential User Outside of the Borough of Butler.

Schedule M

2015 Paid Power Bills:

PSEG-ERT Constellation PJM PASNY

Schedule N

**Information Pertaining To Managed Contracts** 

**Summary of Procurement Process** 

**Summary of Contracts Awarded** 

**Summary of Bids Received** 



### **Borough of Butler Electric Utility Summary of Required Filing Contents**

Source: 1993 Stipulation Dated March 18, 1993.

"Petitioner further agrees that all future L.E.A.C. proceedings shall continue to to comply with the following minimum L.E.A.C. filing requirements, ordered by the Board in its Decision and Order, BPU Docket No. 8503-303 and BPU Docket No. 8503-302, dated August 16, 1985."

a. "A statement of estimated K.W.H. purchases on a monthly basis for the new L.E.A.C. period. Such statement shall include a written statement of the underlying reasoning and assumptions behind such projections with schedules demonstrating the derivation of such projections."

(Location: Schedule B)

b. "A statement of estimated purchase power costs on a monthly basis for the upcoming L.E.A.C. period, including a written statement of the underlying reasoning and assumptions behind such projections with schedules demonstrating the derivations of such projections."

(Location: Schedule C)

c. "A statement of estimated billed sales, unbilled sales, on a monthly basis, and the resultant assumed loss factor for the new L.E.A.C. period. Also included shall be historic loss factors for the five periods immediately preceding the new L.E.A.C. period and schedules demonstrating K.W.H. sales on a monthly basis by class for the immediately preceding five years prior to the new L.E.A.C. period. Detailed schedules demonstrating the derivation of such projections shall be included."

(Location: Schedule D)

d. "A schedule indicating estimated or known supplier refunds."

(Note: There are no known or estimated supplier refunds.)

## Borough of Butler Electric Utility Summary of Required Filing Contents (Continued)

e. "A schedule for the current L.E.A.C. period demonstrating the derivation on a monthly basis of the estimated under /over recovery balance as of the commencement of the new L.E.A.C. period. Such schedule shall commence with the final actual numbers in the previous L.E.A.C. period and shall include the most recently known data as of the filing date. Also included shall be a detailed schedule demonstrating the calculation of interest on over recoveries."

(Location: Schedule E)

f. "A summary sheet demonstrating the calculation and the method utilized to arrive at the final requested L.E.A.C. rate."

(Location: Schedule F)

Source: 2013 Stipulation Dated May 29, 2013.

1. "Total annual cost per kwh"

**Location: Schedule C-1** 

2. "Total fixed cost per kwh, with reference to contract price"

**Location: Schedule C-1** 

3. "Total pass-through costs per kwh, with reference to contract price"
Location: Schedule C-1

4. "Total kwhs purchased"

**Location: Schedule C-1** 

5. "The underlying reasoning and assumptions behind the growth factor with schedules demonstrating the derivation of such projections"

**Location: Schedule C-1** 

6. "A chart listing the actual kwh sold, the percentage of kwh sold outside of Butler for each month to the total kwh sold for the last two years"

Location: Schedule D-2, D-3

7. "A comparison of the projected growth factor to the actual growth factor for sales outside the Borough of Butler for the last two years, with schedules demonstrating the calculations of actual growth factors"

**Location: Schedule C-1** 

"A detailed calculation of projected line loss percentage, as well as historic line losses for the past five years. In addition, identify the line loss projected in the Borough's last filing with the Board"

**Location: Schedule D-1** 

Note: The line loss projected in the Borough's last filing with the Board was 8.63%

9. "All supporting calculations with respect to the over/under collections during the last two years and the interest calculation based upon the NJ Cash Management Fund interest pursuant to Docket No. ER01010076"

**Location: Schedule E-1** 

10. "The supporting calculations and/or explanations for any changes in the LEAC methodology since the method used to determine rates in your last filing"

There have been no changes in the LEAC methodology since the last filing



## Borough of Butler Electric Utility Projection of Kilowatt Hours Purchased For the Period April 1, 2016 through March 31, 2017

	Other	P.A.S.N.Y.	Total Kilowatt Hours	Percentage of KWH Sales Outside of Butler	Total Kilowatt Hours Outside of Butler
2016:			44 (48 504	<b>60 000</b> /	7,931,143
April	10,885,366	762,166	11,647,531	68.09%	
May	13,549,821	833,864	14,383,685	68.87%	9,906,314
June	15,338,112	653,394	15,991,507	70.38%	11,254,825
July	18,895,183	689,524	19,584,707	70.22%	13,751,989
August	18,323,323	827,634	19,150,958	70.26%	13,454,866
September	15,119,728	796,530	15,916,259	69.49%	11,059,457
October	11,486,569	893,400	12,379,968	69.14%	8,559,376
November	11,513,164	923,685	12,436,849	69.44%	8,635,545
December	12,678,512	974,953	13,653,465	68.93%	9,411,732
2017:					
January	14,459,846	968,803	15,428,649	69.14%	10,666,618
February	13,535,193	835,634	14,370,827	68.64%	9,863,778
March	13,083,080	896,870	13,979,949	68.06%	9,514,431
	168,867,895	10,056,459	178,924,354		124,010,075

### **Basis of Projection:**

**Total kilowatt hours:** 

Actual from 2015 with a growth factor of:

3.1009%

Percentage of sales outside of Butler - 2015 actual. No material change is expected for the new LEAC period.

Schedule C-1

Schedule C-2

**Schedule C-3** 

### Borough of Butler Electric Utility Purchased Power Projection For the Period January 1, 2016 Through March 31, 2017

							Excess				
	Total						Purchases /				
	Total KWH	MW		PASNY	Net	Purchase Guarantees	(Sales)	Rates:			
2016:			-								
31 January	15,428,649	56.234		968,803	14,459,846	14,512,000		Metered energy:	now lawh	PSEG Energy (1/	1/16-5/31/16)
28 February	14,370,827	56,234		835,634	13,535,193	12,866,400	668,793	\$0.0499	0 per kwh 7 per kwh		n (1/1/16-5/31/16)
31 March	13,979,949	56.234		896,870	13,083,079	11,949,700	1,133,379	\$0.0470	-	PSERT (1/1/16-5	
30 April	11,647,531	56,234		762,166	10,885,365	11,323,200 11,949,600	(437,835) 1,600,221	\$0.0491	-		LLC (6/1/16-3/31/17)
31 May	14,383,685	56.234		833,864	13,549,821	14,958,400	379,713		5 per kwh		, LLC (6/1/16-3/31/17)
30 June	15,991,507	56,234		653,394	15,338,113 18,895,183	18,620,000	275,183	\$0.0433	-	Nextera Energy (	
31 July	19,584,707	56.234		689,524 827,634	18,323,324	17,930,400	392,924				
31 August	19,150,958	56.234 56.234		796,530	15,119,729	13,377,600	1,742,129	\$0.0	7 per kwh	Excess purchases	
30 September	15,916,259	56.234		893,400	11,486,568	11,692,800	(206,232)	\$0.0340	7 per kwh	Excess sales	
31 October	12,379,968 12,436,849	56.234		923,685	11,513,164	11,909,100	(395,936)				
30 November	13,653,465	56.234		974,953	12,678,512	14,572,800	(1,894,288)	Locational Reliability C			
31 December 2017:	13,033,403	30,234		- · · · · · ·				\$166.9352	6 per MW per d	ay	56,234409
31 January	15,428,649	56.234		968,803	14,459,846	14,624,000	(164,154)				
29 February	14,370,827	56.234		835,634	13,535,193	12,406,400		PJM NITS Charge			43,900
31 March	13,979,949	56,234		896,870	13,083,079	11,949,700	1,133,379	\$41.402	4 per MW per	day	43,700
or name.				12,757,764	209,946,016	204,642,100					
	222,703,780			12,757,704	20040 (0,020						
					Network						
					Integration	PJM					Total
			Locational	Supporting	Transmission	Transmission		Excess			Projected
	Metered		Reliability	Facilities	Service	Enhancement	Other	Purchases /			Purchased
	Energy		Charges	Charges	Charges	Charge	Charges (*)	(Sales) APN Fe	Subtetal	PASNY	Power Costs
2016;	Energy									621 511	\$1,171,581
January	\$751,438		\$291,013	\$9,349	\$56,345	\$33,056	\$5,828	(\$1,808) \$4,85		\$21,511	\$1,106,164
February	\$666,264		\$262,850	\$9,349	\$50,892	\$33,056	\$5,828	\$46,789 \$4,85		\$26,286	\$1,134,766
March	\$618,987		\$291,013	\$9,349	\$56,345	\$33,056	\$5,828	\$79,291 \$4,85		\$36,047 \$24,286	\$984,725
April	\$586,384		\$281,625	\$9,349	\$54,527	\$33,056	\$5,828	(\$15,181) \$4,85		\$17,351	\$1,148,726
May	\$618,983		\$291,013	\$9,349	\$56,345	\$33,056	\$5,828	\$111,951 \$4,85		\$21,734	\$1,140,523
June	\$702,989		\$281,625	\$9,349	\$54,527	\$33,056	\$5,828	\$26,565 \$4,85		\$20,057	\$1,314,631
July	\$874,882		\$291,013	\$9,349	\$56,345	\$33,056	\$5,828	\$19,252 \$4,85 \$27,489 \$4,85		\$22,430	\$1,300,752
August	\$850,392		\$291,013	\$9,349	\$56,345	\$33,056	\$5,828	\$27,489 \$4,85 \$121,879 \$4,85		\$22,139	\$1,161,957
September	\$628,703		\$281,625	\$9,349	\$54,527	\$33,056	\$5,828 \$5,828	(\$7,150) \$4,85		522,011	\$964,850
October	\$549,549		\$291,013	\$9,349	\$56,345	\$33,056	\$5,828	(\$13,728) \$4,85		\$21,991	\$957,187
November	\$559,688		\$281,625	\$9,349	\$54,527	\$33,056 \$33,056	\$5,828	(\$65,679) \$4,85	·	\$26,447	\$1,046,354
December	\$685,145		\$291,013	\$9,349	\$56,345	\$33,030	\$2,020	(000,077)			
2017:				60.240	\$56,345	\$33,056	\$5,828	(\$5,692) \$4,85	0 \$1,082,157	\$21,511	\$1,103,668
January	\$687,408		\$291,013	\$9,349	\$52,710	\$33,056	\$5,828	\$78,970 \$4,85		\$26,286	\$1,066,475
February	\$583,188		\$272,238	\$9,349 \$9,349	\$56,345	\$33,056	\$5,828	\$79,291 \$4,85		\$36,047	\$1,098,967
March	\$583,188		\$291,013				\$87,420	\$482,240 \$72,75	0 \$16,335,192	\$366,134	\$16,701,326
	\$9,947,187		\$4,280,703	\$140,235	\$828,817	\$495,840	\$87,420	\$402,240 \$72,74	510,000,151		
				***		*Other Charges (per n	nonth):		Total cost per	kwh	\$0.074993
Basis of proje	ection: 2015 actual			2015		Schedule 1A	\$1,245		•	=	
				Actual		Schedule 9	\$4,583		Total fixed co	st per kwh	\$0.044666
Usage:				KWH		Schedule >	0.,000				
Growth fa			January	14,964,617					Total pass-th	rough costs per	
	3,1009%		February	13,938,610 13,559,488			\$5,828	•	kwh	_	\$0,030328
			March					=		-	
	Outside of Butler:		April	11,297,220							
2015	110,106,933		May	13,951,081 15,510,546							
2014	106,795,355		June July	18,995,677							
Increase	3,311,578		July	18,574,973							
Percentage	2 10000/		August September	15,437,561							
Increase	3.1009%		•	12,007,628							
			October November	12,062,798							
			November	13,242,823							
			December	173,543,022							
				1,0,0,0,022							

### Borough of Butler Electric Utility Managed Contracts Cost Worksheet

			2016		
•	Jan.	Feb.	March	April	May
on peak hours	320	336	368	336	336
off peak hours	424	360	375	384	408
<u>.</u>	744	696	743	720	744
PSEG obligation					
on peak hours (per MWh per day)	7.2	6.8	6	5.9	6.1
off peak hours (per MWh per day)	6	5.6	4.8	4.7	4.8
•					
kwh purchased				1 000 100	2 0 40 600
on peak	2,304,000	2,284,800	2,208,000	1,982,400	2,049,600
off peak	2,544,000	2,016,000	1,800,000	1,804,800	1,958,400
	4,848,000	4,300,800	4,008,000	3,787,200	4,008,000
Cost \$ 58.30 (per MWh)			o 100 73/	0 11 <i>E E 7 A</i>	119,492
on peak	\$ 134,323	\$ 133,204	\$ 128,726	\$ 115,574 \$ \$ 105,220 \$	114,175
off peak	\$ 148,315	\$ 117,533	\$ 104,940	<del></del>	233,666
	\$ 282,638	\$ 250,737	\$ 233,666	\$ 220,794 \$	233,000
Exelon obligation			6	5.9	6.1
on peak hours (per MWh per day)	7.2	6.8	4.8	<b>4.7</b>	4.8
off peak hours (per MWh per day)	6	5.6	4.0	4.7	7.0
kwh purchased	204000	2 204 900	2,208,000	1,982,400	2,049,600
on peak	2,304,000	2,284,800	1,800,000	1,804,800	1,958,400
off peak	2,544,000	2,016,000	4,008,000	3,787,200	4,008,000
	4,848,000	4,300,800	4,000,000	3,707,200	1,000,000
0 40 0F ( BESSEL)					
Cost \$ 49.97 (per MWh)	\$ 115,131	\$ 114,171	\$ 110,334	\$ 99,061 \$	102,419
on peak	\$ 115,131 \$ 127,124	\$ 100,740	\$ 89,946	\$ 90,186 \$	97,861
off peak	\$ 242,255	\$ 214,911	\$ 200,280	\$ 189,246 \$	200,280
	\$ 242,233	\$ 217,711	Φ 200,200	<del></del>	
DCEDT abligation					
PSERT obligation on peak hours (per MWh per day)	7.1	6.8	5.9	5.9	6.0
off peak hours (per MWh per day)	6	5.5	4.7		4.7
kwh purchased	· ·				
on peak	2,272,000	2,284,800	2,171,200	1,982,400	2,016,000
off peak	2,544,000	1,980,000			1,917,600
on peak	4,816,000	4,264,800		3,748,800	3,933,600
-					
Cost \$ 47.04 (per MWh)					
on peak	\$ 106,875	\$ 107,477	\$ 102,133	\$ 93,252 \$	
off peak	\$ 119,670	\$ 93,139	\$ 82,908	\$ 83,091 \$	
~~ P	\$ 226,545	\$ 200,616	\$ 185,041	\$ 176,344 \$	185,037
·					
Summary					
kwh purchased					مم <b>د د</b> ر ر
on peak	6,880,000	6,854,400			6,115,200
off peak	7,632,000				5,834,400
•	14,512,000	12,866,400	11,949,700	11,323,200	11,949,600
Cost					244.542
on peak	\$ 356,329	\$ 354,852	\$ 341,193	\$ 307,887 \$	
off peak	\$ 395,109	\$ 311,412	\$ 277,794	\$ 278,497 \$	
	\$ 751,438	\$ 666,264	\$ 618,987	\$ 586,384 \$	618,983

### Borough of Butler Electric Utility Managed Contracts Cost Worksheet

							2016								2	017		
_	J	lune		July	August		Sept.		Oct.	Ţ	Nov.	Dec.		Jan.	F	eb.	M	larch
on peak hours		352		320	36	8	336		336		336	352		352		320		368
off peak hours		368		424	37	6	384		408		385	392		392		352		375
•		720		744	74	4	720		744		721	744		744		672		743
PPL Energy Plus, LLC obligation																		
on peak hours (per MWh per day)		8.1		9.8	10.		7.1		5.9		6.2	7.3		7.2		6.8		6
off peak hours (per MWh per day)		5.8		7.2	7.	1	5.4		4.7		4.9	5.9		6		5.6		4.8
kwh purchased		- 0-4 -00		2 12 ( 000	4 011 30	^	2 205 (00		1 002 400	•	002 200	2,569,600	,	2,534,400	η.	176,000	2	208,000
on peak		2,851,200		3,136,000	4,011,20		2,385,600 2,073,600		1,982,400 1,917,600		,083,200 ,886,500	2,312,800		2,352,000	,	971,200		800,000
off peak		2,134,400		3,052,800 6,188,800	2,669,60 6,680,80		4,459,200		3,900,000		,969,700	4,882,400		4,886,400		147,200		,008,000
Cost \$ 49.10 (per MWh)		4,985,600		0,100,000	0,000,00	v_	4,437,200		3,700,000		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	4,002,100		1,000,100				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	\$	139,994	\$	153,978	\$ 196,950	1	\$ 117,133	\$	97,336	S	102,285	\$ 126,167	\$	124,439	<b>\$</b> 1	06,842	\$	108,413
on peak	ъ \$	104,799	\$	,	\$ 131,07		\$ 101,814		,	\$	,	\$ 113,558					\$	88,380
off peak	<u>\$</u>	244,793	\$	303,870	\$ 328,02		\$ 218,947					\$ 239,726						196,793
-	<b>.</b>	244,173	4	303,070	5 520,02		<b>4</b> 220,2 17		271,170	<u> </u>	-2 17							
PPL Energy Plus, LLC obligation																		
on peak hours (per MWh per day)		8.1		9.8	10	.9	7.1		5.9		6.2	7.3		7.2		6.8		6
off peak hours (per MWh per day)		5.8		7.2	7	.1	5.4		4.7		4.9	5.9		6		5.6		4.8
kwh purchased																		
on peak		2,851,200		3,136,000	4,011,20	0	2,385,600		1,982,400	2	2,083,200	2,569,600		2,534,400		176,000		,208,000
off peak		2,134,400		3,052,800	2,669,60	00	2,073,600		1,917,600		1,886,500	2,312,800		2,352,000		971,200		,800,000
•		4,985,600		6,188,800	6,680,86	90	4,459,200		3,900,000	3	3,969,700	4,882,400		4,886,400	4,	,147,200	4	,008,000
Cost \$ 48.55 (per MWh)								_			101 120	0 104554	•	122.045	<b>6</b> 1	105,645	e	107 109
on peak	\$	138,426	\$	152,253	\$ 194,74		\$ 115,821		,			\$ 124,754					\$ \$	87,390
off peak	<u>\$</u>	103,625		148,213	\$ 129,60		\$ 100,673		93,099	\$		\$ 112,286 \$ 237,041				201,347		194,588
	\$	242,051	\$	300,466	\$ 324,35	5	\$ 216,494	\$	189,345	3	192,729	\$ 237,041		231,233	φ <u>4</u>	201,547	9	174,500
Nextera Energy obligation		8.0		10.1	-	.0	7.1		6.0		6.2	7.2		7.1		6.8		5.9
on peak hours (per MWh per day)		5.9		7.1		.3	5.4		4.6		4.9	5.8		6		5.5		4.7
off peak hours (per MWh per day)		3.9		7.1	•		5.4		•••		•••							
kwh purchased on peak		2,816,000		3,232,000	2,576,0	00	2,385,600		2,016,000	. :	2,083,200	2,534,400		2,499,200	2	,176,000	2	2,171,200
off peak		2,171,200		3,010,400			2,073,600		1,876,800		1,886,500	2,273,600		2,352,000	1	,936,000	]	1,762,500
on peak		4,987,200	_	6,242,400			4,459,200		3,892,800		3,969,700	4,808,000		4,851,200	4	,112,000	3	3,933,700
		1,701,500					· · · · · · · · · · · · · · · · · · ·				1,000							
Cost \$ 43.34 (per MWh)																		
on peak	\$	122,045	\$	140,075	\$ 111,64	4	\$ 103,392	\$	87,373	\$	90,286	\$ 109,841		108,315	\$	94,308	\$	94,100
off peak	\$	94,100	\$	130,471	\$ 86,36	8	\$ 89,870	\$	81,341	\$		\$ 98,538		101,936	\$	83,906	\$	76,387
•	\$	216,145	\$	270,546	\$ 198,01	2	\$ 193,262	\$	168,714	\$	172,047	\$ 208,379	\$	210,251	\$	178,214		170,487
<b>Summary</b>																		
kwh purchased									<b>=</b> 000 000		C 2 40 C00	# C#3 COA		# ECO 000		. <b>230</b> 000		6,587,200
on peak		8,518,400		9,504,000			7,156,800		5,980,800		6,249,600	7,673,600		7,568,000		5,528,000 5,878,400		5,362,500
off peak		6,440,000		9,116,000			6,220,800		5,712,000 11,692,800		5,659,500 11,909,100	6,899,200 14,572,800		7,056,000 14,624,000		2,406,400		1,949,700
_		14,958,400	•	18,620,000	17,930,4	W	13,377,600	,	11,092,800	, 1	11,909,100	14,3/2,000		17,047,000	14	,,700, <del>70</del> 0		1,272,700
Cost	•	400 455	•	446 205	e 502.2	20	\$ 336,346	Œ	290.055	<b>e</b>	203 710	\$ 360,762	ø	\$ 355,799	\$	306,794	S	309,711
on peak	\$	400,465							268,594		265,978	\$ 324,383		\$ 331,608				
off peak	\$	302,524					\$ 292,357 \$ 628,703		549,549		559,688	\$ 685,145		\$ 687,408		583,188		561,868
		702,989	\$	0/4,082	3 03U,3	14	\$ 020,703	- 4	, JT7,JT7	•	227,000	\$ 0009170		,100				,

# Borough of Butler Electric Utility P.A.S.N.Y Purchased Power Projection For the Period April 1, 2016 through March 31, 2017

	Total	<b>Demand</b>	Energy	<b>Transmission</b>	Wheeling	Other
2016:						* < 0 = =
April	\$24,286	\$7,217	\$5,064	\$518	\$4,613	\$6,875
May	\$17,351	\$5,156	\$3,618	\$370	\$3,296	\$4,912
June	\$21,734	\$6,458	\$4,532	\$464	\$4,128	\$6,152
July	\$20,057	\$5,960	\$4,182	\$428	\$3,810	\$5,677
August	\$22,430	\$6,665	\$4,677	\$478	\$4,261	\$6,349
September	\$22,139	\$6,579	\$4,616	\$472	\$4,205	<b>\$6,267</b>
October	\$22,011	\$6,541	\$4,589	\$469	\$4,181	\$6,231
November	\$21,991	\$6,534	\$4,585	\$469	\$4,177	\$6,225
December	\$26,447	\$7,859	\$5,514	\$564	\$5,024	\$7,486
2017:	ŕ					
January	\$21,511	\$6,392	\$4,485	\$459	\$4,086	\$6,089
February	\$26,286	\$7,811	\$5,481	\$561	\$4,993	\$7,441
March	\$36,047	\$10,711	\$7,516	\$769	\$6,847	\$10,204
	\$282,290	\$83,882	\$58,859	\$6,020	\$53,621	\$79,907

Basis of Projection: Actual for 2015.

Schedule D

Schedule D-1

Schedule D-2

Schedule D-3

73,368

859,242

10,488,876

9,790,411

8,655,190

113,521,199

## Borough of Butler Electric Utility Estimated Purchases, Billed Sales and Loss Factor For the Period April 1, 2016 through March 31, 2017

**Kilowatt Hours** Line Loss Billed Purchased 2016: (169,018)8,100,161 7,931,143 **April** 2,237,890 7,668,424 9,906,314 May 1,282,363 9,972,462 11,254,825 June 10,920,265 2,831,723 13,751,989 July 12,830,654 624,212 13,454,866 August (803,760)11,059,457 11,863,216 September 76,779 8,482,597 8,559,376 October 705,256 7,930,290 8,635,545 November 1,741,740 7,669,992 9,411,732 December 2017: 1,029,080 9,637,539 10,666,618 January

Projected line loss percentage	8.458%
Trojected fine loss percentage	

Basis of projection:

**February** 

March

Total

Actual for 2015 for customers outside of the Borough of Butler.

9,863,778

9,514,431

124,010,075

Growth factor of: 3.1009%

Actual 2015 **KWH Billed Outside of Butler** 9,347,680 January 9,495,954 **February** 8,394,876 March 7,856,540 April 7,437,788 May 9,672,530 June 10,591,827 July 12,444,759 August 11,506,418 September 8,227,474 October 7,691,778 **November** 7,439,309 **December** 110,106,933

# Borough of Butler Electric Utility Schedule of Historical Line Losses Outside of the Borough of Butler

Year Ended	Kilowatt l	Hours	Line Loss
December 31,	Purchased	Billed	Percentage
2011	118,217,747	109,428,568	7.43%
2012	116,679,231	105,491,629	9.59%
2013	115,324,620	106,538,151	7.62%
2014	116,633,742	106,795,355	8.44%
2015	120,280,345	110,106,933	8.46%
5 year average for	sales outside of the I	Borough of Butler	8.31%

### Schedule of Historical Line Losses - System Wide

Year Ended	Kilowatt ]	Hours	Line Loss
December 31,	Purchased	Billed	Percentage
2011	170,552,930	157,721,439	7.52%
2012	168,795,213	152,630,353	9.58%
2013	167,388,300	154,664,197	7.60%
2014	169,333,983	155,075,052	8.42%
2015	173,543,022	158,898,064	8.44%
	5 year average		8.31%

#### BUTLER BOROUGH YEAR ENDED DECEMBER 31,2015 ELECTRIC UTILITY BILLING ANALYSIS - BY TOWN - KWH

Publish   Publ	KIAILI Dillodi				LLLOTRIOO	ILLII DILLI	NO 7 II VIL I O	<u>o                                    </u>						
Page		T. ( - !	1	Fabruar.	March	Andi	May	luna	luly	August	Sentember	October	November	December
Commercial Commercia						<u> </u>								
All electric Commercial (1964) 1964 (1964) 1976 (1969)										, . ,				
Fine of lighting 198, 314 18, 158 18, 682 18,							, ,							
St. planting					,				-				· ·	
Tadial (1974) 1775-201 (1975-201) 1975-201 (19	-			•			,						•	
Residential   Ass.	T													
Commercial   4,847,195	Total	48,791,131	4,173,201	4,338,979	3,940,064	3,681,431	3,361,668	4,070,760	4,492,379	5,266,465	3,033,007	3,012,443	3,303,004	0,002,700
Commercial   14,798,79   1,297,295   1,302,971   1,78,850   1,098,395   1,174,381   1,291,027   1,25,271   1,343,679   1,333,449   1,160,984   1,162,286   1,062,200   1,061,001   1,061						- 440 040	0.400.070	4 54 4 407	4 000 017	E 00E 4E4	E 214 E22	2 566 720	3 278 660	3 111 210
All electric	Residential													
Plood lighting   201,450   16,468   1	Commercial													
St. lighting   371-28   3,094   3,05	All electric	578,965		•		•	-						•	
Total 6.392.177 5,506.240 6,406.85 4,646,988 4,388,230 4,347,818 5,886,703 6,302.558 7,302.846 6,606,503 4,779,123 4,406,896 4,238,628   Residential Centerical 23,805.480 1,942,028 1,971,684 1,796,788 1,1817,059 1,462,790 2,015,590 2,303,178 2,960,750 2,808,067 1,747,190 1,540,278 1,500,098   Total 2,045,439 235,449 235,469 1,0556 10,55	Flood lighting	-		•					•		-			
Residential   Commercial   10,056,775   877,686   977,214   903,510   842,771   749,593   788,682   805,700   946,889   928,601   742,222   737,182   740,856   746,822   740,856   746,822   740,856   746,822   740,856   746,822   740,856   746,822   740,856   746,822   740,856   746,822   740,856   746,822   740,856   746,822   740,856   746,822   740,856   746,822   740,856   746,822   740,856   746,822   740,856   746,822   740,856   746,822   740,856   746,822   740,856   746,822   740,856   746,822   740,856   746,	St. lighting	37,128												
Persidentian   23,805,480	Total	63,921,217	5,509,240	5,440,685	4,646,958	4,388,230	4,347,818	5,863,703	6,302,658	7,302,848	6,606,530	4,779,123	4,490,090	4,230,320
Processering   10,064,775   887,765   737,185   740,58	Bloomingdale:										0 000 007	4 747 400	4 540 079	1 560 009
Commercial   Quide   Commercial   Quide   Commercial   Quide   Commercial   Quide	Residential	23,805,480	1,942,028	1,971,664	1,796,788	1,617,059		, .						, ,
Flood lighting   131,648   10,656   10,656   10,656   10,656   10,656   10,656   10,656   10,656   10,656   10,656   10,656   10,656   10,656   11,136   1	Commercial	10,054,775	887,766	977,214	903,510		749,593		•		•		,	
St. lighting   25,264   18,598   18,598   18,598   18,598   18,598   18,598   18,598   18,598   18,598   2,698   2,608   2,6	All electric	2,045,439	235,469	321,151	328,767	227,120				•	•			
Total 36,282,606 3,094,517 3,299,283 3,058,319 2,716,204 2,358,971 2,933,845 3,335,633 4,055,375 3,886,845 2,620,641 2,426,850 2,474,123	Flood lighting	131,648	10,656	10,656	10,656	10,656	10,656	11,136	11,136					
Vest Milford:   Residential   311,086   25,385   28,884   27,780   25,225   20,755   22,446   26,887   32,940   31,834   24,822   23,978   20,550   20,000   22,266   37,600   20,019   21,406   19,254   17,501   19,927   36,070   44,891   33,204   21,405   21,162   1,1	* St. lighting	225,264	18,598	18,598	18,598	18,598	18,598	18,598	18,598	18,598	18,598			
Residential   311,086	_		3.094,517	3,299,283	3,058,319	2,716,204	2,358,971	2,933,845	3,335,633	4,055,375	3,888,845	2,620,641	2,426,850	2,474,123
Residential 311,086 25,385 28,884 27,780 25,225 20,755 22,446 26,487 32,940 31,834 29,322 29,78 20,309 Commercial 282,646 17,609 20,019 21,406 19,254 17,501 19,927 36,070 44,819 33,204 21,408 17,114 1,424 1,162	_												_	
Commercial   282,646   17,809   20,019   21,406   19,254   17,501   19,257   36,070   44,891   33,204   21,408   17,114   14,243   160   13,944   1,162   1,		311.086	25,385	28,884	27,780	25,225	20,755	22,446	26,487	32,940				
Flood lighting Total 607.676 44.156 50.065 50.348 45.641 39.418 45.641 39.418 45.641 39.418 45.641 39.418 45.641 39.418 45.641 39.418 45.641 39.418 45.641 39.418 45.641 4				20,019	21,406	19,254	17,501	19,927	36,070	44,891	33,204			
Total 607.676 44,156 50,065 50,348 45,641 39,418 43,535 63,719 78,993 66,200 47,392 42,254 35,995      Revidedlet			•	1,162	1,162	1,162	1,162	1,162	1,162	1,162	1,162			
Riverdale:   Residential   September   S				50,065	50,348	45,641	39,418	43,535	63,719	78,993	66,200	47,392	42,254	35,955
Residential   Q4,546   G,866   7,944   7,484   7,734   6,147   7,473   9,184   11,121   10,177   6,909   6,902   6,904   6,9	_													
Commercial Flood lighting   7,872   656		94,546	6,806	7,944	7,484	7,734	6,147	7,473	9,184	11,212			·	
Flood lighting 7,872 656 656 656 656 656 656 656 656 656 65			692,265	697,281	631,071	698,035	684,738	823,278	879,937		-			
St. lighting   180   40   40   40   40   40   40   40			656	656	656	656	656	656		656				
Total Total 9,315,434 699,767 705,921 639,251 706,465 691,581 831,447 889,817 1,007,643 944,843 780,318 725,766 692,705 158,898,064 13,520,881 13,834,933 12,334,940 11,537,971 10,799,456 13,743,290 15,084,206 17,713,224 16,559,555 11,899,917 11,077,642 10,792,099 (7), 20,705 11,000,033 9,347,680 9,495,954 8,394,876 7,856,540 7,437,788 9,672,530 10,591,827 12,444,759 11,506,418 8,227,474 7,691,778 7,439,309 (8), 20,705 11,000,033 9,347,680 9,495,954 8,394,876 7,856,540 7,437,788 9,672,530 10,591,827 12,444,759 11,506,418 8,227,474 7,691,778 7,439,309 (8), 20,705 11,000,033 9,347,680 9,495,954 8,394,876 7,856,540 7,437,788 9,672,530 10,591,827 12,444,759 11,506,418 8,227,474 7,691,778 7,439,309 (8), 20,705 11,000,033 9,347,680 9,495,954 9,405,954 9	• •	-		40	40	40	40	40						
Totals:			699.767	705,921	639,251									
O/S Butler NO/S Butler Starter	_			13,834,933	12,334,940	11,537,971	10,799,456	13,743,290	15,084,206	17,713,224	16,559,505	11,899,917	11,077,642	10,792,099
No S Butter State	=													<b>=</b> 400 000
Butler share    Butler share	O/S Butler	110,106,933	9,347,680	9,495,954	8,394,876	7,856,540								
Butler share 30.71% 30.86% 31.36% 31.35% 31.94% 31.91% 31.91% 31.91% 25.02% 25.17% 25.	% O/S Butler	69.29%	69.14%	68.64%	68.06%	68.09%								
Residential   95,941,216   7,995,449   7,948,291   6,916,234   6,302,018   6,028,110   8,610,483   9,815,436   11,845,293   10,872,120   7,064,818   6,349,539   6,193,425   6,000,000   6,100,000	Butler share	30.71%	30.86%	31.36%	31.94%	31.91%	31.13%	29.62%	29.78%	29.74%	30.51%	30.86%	30.56%	31.07%
Residential 95,941,216 7,995,449 7,948,291 6,916,234 6,302,018 6,028,110 8,610,483 9,815,436 11,845,293 10,872,120 7,064,818 6,349,539 6,193,425	-													0.400.405
Commercial 56,734,413 4,776,295 4,970,089 4,573,852 4,627,511 4,400,435 4,775,623 4,901,889 5,455,576 5,293,124 4,502,445 4,334,068 4,123,506 All electric 5,099,543 656,697 823,947 752,248 515,837 277,328 263,767 273,338 318,938 300,844 239,042 300,589 376,968 51,1891 554,428 45,478 45,644 45,644 45,643 46,621 46,455 46,581 46,455 46,455 46,650 46,484 46,318 568,464 46,962 46,962 46,962 46,962 46,962 46,962 46,962 46,962 46,962 46,962 46,962 46,962 51,882 158,898,064 13,520,881 13,834,933 12,334,940 11,537,971 10,799,456 13,743,290 15,084,206 17,713,224 16,559,505 11,899,917 11,077,642 10,792,099 1 10,792,099		95,941,216	7,995,449	7,948,291	6,916,234	6,302,018	6,028,110					, .	-,,-	
All electric 5,099,543 656,697 823,947 752,248 515,837 277,328 263,767 273,338 318,938 300,844 239,042 300,589 376,968 Flood lighting 554,428 45,478 45,644 45,644 45,643 46,621 46,455 46,581 46,455 46,455 46,650 46,484 46,318 St. lighting 568,464 46,962		56,734,413	4,776,295	4,970,089	4,573,852	4,627,511	4,400,435	4,775,623		, ,				, ,
Flood lighting 554,428 45,478 45,644 45,644 45,643 46,621 46,455 46,581 46,455 46,455 46,650 46,484 46,318   St. lighting 568,464 46,962 46,96				823,947	752,248	515,837	277,328	263,767	273,338	318,938				
St. lighting 568,464 46,962 46,962 46,962 46,962 46,962 46,962 46,962 46,962 46,962 46,962 46,962 46,962 46,962 46,962 46,962 46,962 51,882  Total 158,898,064 13,520,881 13,834,933 12,334,940 11,537,971 10,799,456 13,743,290 15,084,206 17,713,224 16,559,505 11,899,917 11,077,642 10,792,099  * Includes County of Passiac & State of New Jersey  O/S Butler:  Residential 72,558,307 6,097,432 6,039,919 5,217,016 4,766,861 4,610,562 6,559,946 7,417,666 8,890,353 8,064,611 5,345,641 4,849,478 4,698,822  Commercial 34,306,436 2,884,899 2,997,485 2,732,617 2,765,419 2,626,213 2,922,914 2,976,978 3,331,094 3,229,674 2,701,387 2,635,080 2,502,676  All electric 2,624,404 314,695 407,896 394,589 273,606 149,381 138,038 145,425 171,680 160,501 128,620 155,892 184,081  Flood lighting 354,914 28,962 28,962 28,962 28,962 29,940 29,940 30,066 29,940 29,940 30,134 29,636 29,470  St. lighting 262,872 21,692 21,692 21,692 21,692 21,692 21,692 21,692 21,692 21,692 21,692 24,260		554,428	45,478	45,644	45,644	45,643	46,621	46,455	46,581	46,455			•	
Total 158,898,064 13,520,881 13,834,933 12,334,940 11,537,971 10,799,456 13,743,290 15,084,206 17,713,224 16,559,505 11,899,917 11,077,642 10,792,099  * Includes County of Passiac & State of New Jersey  O/S Butler:  Residential 72,558,307 6,097,432 6,039,919 5,217,016 4,766,861 4,610,562 6,559,946 7,417,666 8,890,353 8,064,611 5,345,641 4,849,478 4,698,822  Commercial 34,306,436 2,884,899 2,997,485 2,732,617 2,765,419 2,626,213 2,922,914 2,976,978 3,331,094 3,229,674 2,701,387 2,635,080 2,502,676  All electric 2,624,404 314,695 407,896 394,589 273,606 149,381 138,038 145,425 171,680 160,501 128,620 155,892 184,081  Flood lighting 354,914 28,962 28,962 28,962 28,962 29,940 29,940 30,066 29,940 29,940 30,134 29,636 29,470  St. lighting 262,872 21,692 21,692 21,692 21,692 21,692 21,692 21,692 21,692 21,692 21,692 21,692 21,692 21,692 30,000 14,000		568 464	46,962	46,962	46,962	46,962	46,962	46,962					46,962	
* Includes County of Passiac & State of New Jersey  O/S Butler:  Residential 72,558,307 6,097,432 6,039,919 5,217,016 4,766,861 4,610,562 6,559,946 7,417,666 8,890,353 8,064,611 5,345,641 4,849,478 4,698,822  Commercial 34,306,436 2,884,899 2,997,485 2,732,617 2,765,419 2,626,213 2,922,914 2,976,978 3,331,094 3,229,674 2,701,387 2,635,080 2,502,676  All electric 2,624,404 314,695 407,896 394,589 273,606 149,381 138,038 145,425 171,680 160,501 128,620 155,892 184,081  Flood lighting 354,914 28,962 28,962 28,962 28,962 29,940 29,940 30,066 29,940 30,134 29,636 29,470  St. lighting 262,872 21,692 21,	• •	158.898.064	13,520,881	13,834,933	12,334,940	11,537,971	10,799,456	13,743,290	15,084,206	17,713,224	16,559, <u>505</u>	11,899,917	11,077,642	10,792,099
O/S Butler:  Residential 72,558,307 6,097,432 6,039,919 5,217,016 4,766,861 4,610,562 6,559,946 7,417,666 8,890,353 8,064,611 5,345,641 4,849,478 4,698,822  Commercial 34,306,436 2,884,899 2,997,485 2,732,617 2,765,419 2,626,213 2,922,914 2,976,978 3,331,094 3,229,674 2,701,387 2,635,080 2,502,676  All electric 2,624,404 314,695 407,896 394,589 273,606 149,381 138,038 145,425 171,680 160,501 128,620 155,892 184,081  Flood lighting 354,914 28,962 28,962 28,962 28,962 29,940 29,940 30,066 29,940 30,134 29,636 29,470  St. lighting 262,872 21,692														
Residential 72,558,307 6,097,432 6,039,919 5,217,016 4,766,861 4,610,562 6,559,946 7,417,666 8,890,353 8,064,611 5,345,641 4,849,478 4,698,822 Commercial 34,306,436 2,884,899 2,997,485 2,732,617 2,765,419 2,626,213 2,922,914 2,976,978 3,331,094 3,229,674 2,701,387 2,635,080 2,502,676 All electric 2,624,404 314,695 407,896 394,589 273,606 149,381 138,038 145,425 171,680 160,501 128,620 155,892 184,081 Flood lighting 354,914 28,962 28,962 28,962 28,962 29,940 29,940 30,066 29,940 30,134 29,636 29,470 St. lighting 262,872 21,692 21														
Commercial 34,306,436 2,884,899 2,997,485 2,732,617 2,765,419 2,626,213 2,922,914 2,976,978 3,331,094 3,229,674 2,701,387 2,635,080 2,502,676  All electric 2,624,404 314,695 407,896 394,589 273,606 149,381 138,038 145,425 171,680 160,501 128,620 155,892 184,081  Flood lighting 354,914 28,962 28,962 28,962 28,962 29,940 29,940 30,066 29,940 29,940 30,134 29,636 29,470  St. lighting 262,872 21,692 21,692 21,692 21,692 21,692 21,692 21,692 21,692 21,692 21,692 21,692 21,692 21,940 29,940		72.558.307	6,097,432	6,039,919	5,217,016	4,766,861	4,610,562	6,559,946	7,417,666	8,890,35	3 8,064,611			
All electric 2,624,404 314,695 407,896 394,589 273,606 149,381 138,038 145,425 171,680 160,501 128,620 155,892 184,081  Flood lighting 354,914 28,962 28,962 28,962 28,962 29,940 29,940 30,066 29,940 29,940 30,134 29,636 29,470  St. lighting 262,872 21,69							2,626,213	2,922,914	2,976,978	3,331,09	4 3,229,674	2,701,387		
Flood lighting 354,914 28,962 28,962 28,962 29,940 29,940 30,066 29,940 29,940 30,134 29,636 29,470 St. lighting 262,872 21,692							149,381	138,038	145,425	171,68	0 160,501	128,620		
St. lighting 262,872 21,692 21							29,940	29,940	30,066	29,94	0 29,940	30,134		
St. agricing 251,512 21,500 7,691,778 7,439,309								21,692	21,692	21,69	2 21,692			
								9,672,530	10,591,827	12,444,75	9 11,506,418	8,227,474	7,691,778	7,439,309

KWH Billed:													
Butler:	Total	January	February	March	April	May	June	July	August	September	October	November	December
Residential	22,292,117	1.954.199	1,932,461	1.606.841	1.543,106	1,401,410	1.704.105	2,593,672	2,493,416	2,330,941	1,553,184	1,500,937	1,677,845
Commercial	23,049,058	1,951,326	1,990,024	1,799,415	1,885,333	1,762,132	1,776,290	2,247,947	2,087,365	2,103,891	1,824,634	1,816,095	1,804,606
All electric	2,433,865	336,934	388,010	309,369	226,713	140,004	105,895	133,793	126,889	123,369	104,718	159,453	278,718
Flood lighting	199,065	16,614	16,614	16,614	16,682	16,595	16,682	16,687	16,682	16,682	16,515	16,349	16,349
	305,592	25,270	25,270	25,270	25,270	25,270	25,270	25,270	25,270	25,270	25,270	25,270	27,622
St. lighting	48,279,697	4,284,343	4,352,379	3,757,509	3,697,104	3,345,411	3,628,242	5,017,369	4,749,622	4,600,153	3,524,321	3,518,104	3,805,140
Total	40,219,091	4,204,343	4,002,010	3,737,000	0,007,101	0,010,111							
Kinnelon: Residential	46,337,975	4,107,116	4,124,717	3,283,237	3,190,217	2,979,745	3,957,808	5,173,470	4,886,821	4,534,484	3,328,491	3,299,022	3,472,847
	14,850,156	1,295,417	1,334,859	1,177,768	1,232,099	1,160,840	1,249,648	1,350,641	1,296,240	1,300,005	1,164,695	1,160,282	1,127,662
Commercial	588,600	76,477	85,949	65,256	48,787	32,945	36,349	39,630	37,127	35,455	30,484	46,556	53,585
All electric	200,503	16,528	16,528	16,528	16,528	16,488	16,986	16,986	16,986	16,986	16,985	16,487	16,487
Flood lighting	′	3,054	3,054	3,054	3,054	3,054	3,054	3,054	3,054	3,054	3,054	3,054	3,534
St. lighting _	37,128		5,565,107	4,545,843	4,490,685	4,193,072	5,263,845	6,583,781	6,240,228	5,889,984	4,543,709	4,525,401	4,674,115
Total	62,014,362	5,498,592	5,505,107	4,343,043	4,430,003	4,133,072	3,200,010	0,000,101	0,2.0,220	-,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Bloomingdale:	00 000 070	0.002.024	1,986,748	1,684,306	1,609,105	1,445,039	1,663,672	2,602,695	2,479,456	2,337,813	1,555,649	1,533,790	1,721,371
Residential	22,622,678	2,003,034		878,059	891,461	764,903	755,128	858,588	904,637	872,383	705,610	724,011	829,701
Commercial	10,107,269	922,882	999,906		233,597	118,201	88,048	106,363	112,204	101,453	82,824	103,224	201,071
All electric	2,020,522	259,111	336,406	278,020	10,616	10,616	10,616	10,616	10,656	10,656	10,655	10,655	10,655
Flood lighting	127,091	10,450	10,450	10,450					18,598	18,598	18,598	18,598	19,678
* St. lighting	224,256	18,598	18,598	18,598	18,598	18,598	18,598	18,598			2,373,336	2,390,278	2,782,476
Total _	35,101,816	3,214,075	3,352,108	2,869,433	2,763,377	2,357,357	2,536,062	3,596,860	3,525,551	3,340,903	2,373,330	2,390,270	2,702,470
West Milford:							04 400	05.000	20.205	24 214	19,967	19,223	23,810
Residential	294,717	26,393	31,940	27,664	27,121	21,660	21,460	25,060	26,205	24,214	19,553	17,260	17,979
Commercial	295,064	18,272	21,673	24,877	22,406	17,903	15,841	37,808	44,247	37,245	19,555	1,162	1,162
Flood lighting _	10,790	996	996	996	996	996	996	498	664	62,123	40,184	37,645	42,951
Total _	600,571	45,661	54,609	53,537	50,523	40,559	38,297	63,366	71,116	02,123	40,104	37,043	72,001
Riverdale:						= 07F	F 705	0.505	0 205	7,406	5,834	5,897	6,036
Residential	83,289	7,441	7,694	6,659	6,842	5,875	5,785	9,535	8,285	878,777	733,990	718,673	677,444
Commercial	8,986,965	681,888	693,139	636,431	697,951	681,749	685,345	993,834	907,744	656	733,990 656	656	656
Flood lighting	7,872	656	656	656	656	656	656	656	656 40	40	40	40	40
St. lighting	480	40	40	40	40	40	40	40		886,879	740,520	725,266	684,176
Total _	9,078,606	690,025	701,529	643,786	705,489	688,320	691,826	1,004,065	916,725 15,503,242		11.222.070	11,196,694	11,988,858
Totals:	155,075,052	13,732,696	14,025,732	11,870,108	11,707,178	10,624,719	12,158,272	16,265,441	15,503,242	14,700,042	11,222,070	11,130,034	11,000,000
					0.040.074	7 070 000	0.500.000	11 240 072	10 752 620	10,179,889	7,697,749	7,678,590	8,183,718
O/S Butler	106,795,355	9,448,353	9,673,353	8,112,599	8,010,074	7,279,308			69.36%	68.88%	68.59%	68.58%	68.26%
% O/S Butler	68.87%	68.80%	68.97%	68.34%	68.42%	68.51%	70.16%	69.15% 30.85%	30.64%		31.41%		31.74%
Butler share	31.13%	31.20%	31.03%	31.66%	31.58%	31.49%	29.84%	30.03%	30.0476	31.12/0	31.7170	01.42/0	0111170
<u>AII:</u>					0.070.004	F 050 700	7 050 000	10 404 422	9,894,183	9,234,858	6,463,125	6,358,869	6,901,909
Residential	91,630,776	8,098,183	8,083,560	6,608,707	6,376,391	5,853,729	7,352,830		5,240,233	-, - ,	4.448.482		4,457,392
Commercial	57,288,512	4,869,785	5,039,601	4,516,550	4,729,250	4,387,527	4,482,252	5,488,818			218,026		533,374
All electric	5,042,987	672,522	810,365	652,645	509,097	291,150	230,292	279,786	276,220		45,475		
Flood lighting	545,321	45,244	45,244		45,478	45,351	45,936	45,443	45,644	,	46,962		50,874
St. lighting	567,456	46,962	46,962	46,962	46,962	46,962	46,962	46,962	46,962				11,988,858
Total	155,075,052			11,870,108	11,707,178	10,624,719	12,158,272	16,265,441	15,503,242	14,700,042	11,222,070	11,130,034	11,000,000
<ul> <li>* Includes County</li> </ul>	of Passiac & State	of New Jersey	y										
O/S Butler:					4 000 005	4 450 240	E 649 70E	7 910 760	7,400,767	6,903,917	4,909,941	4,857,932	5,224,064
Residential	69,338,659					4,452,319	5,648,725						
Commercial	34,239,454					2,625,395	2,705,962						
All electric	2,609,122					151,146	124,397						
Flood lighting	346,256						29,254						
St. lighting	261,864						21,692 8,530,030						
Total	106,795,355	9,448,353	9,673,353	8,112,599	8,010,074	7,279,308	0,330,030	11,240,072	. 10,700,021	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.,501,774	.,0,-,000	, , , , , , , , , , , , , , , , , , , ,

Schedule E Schedule E-1

## Borough of Butler Electric Utility Summary of Projected Purchased Power Costs and Recoveries for the Period January 1, 2016 through March 31, 2017

			7.00		covery			Cumulative
	Purchas	ed Power	Billing		hrough	(Under)/	,	(Under)/
				I	<b>LEAC</b>	Over		Over
	KWH	Cost	KWH	C	harges	 Recovery		Recovery
Balance Forward December 31, 2015							\$	2,620,795
Interest on Prior Year Over- recovery								1,259
Adjusted Balance Forward								2,622,054
January	10,666,618	810,031	9,637,539		795,694	(14,337)		2,607,717
February	9,863,778	759,271	9,790,411		808,316	49,045		2,656,762
March	9,514,431	772,322	8,655,190		714,590	(57,732)		2,599,030
Subtotal	30,044,828	\$ 2,341,624	28,083,139	\$	2,318,600	\$ (23,024)	\$	2,599,030
April	7,931,143	670,499	8,100,161		470,603	(199,896)		2,399,134
May	9,906,314	791,127	7,668,424		445,520	(345,607)		2,053,527
June	11,254,825	802,700	9,972,462		579,380	(223,320)		1,830,207
July	13,751,989	923,134	10,920,265		634,446	(288,689)		1,541,518
August	13,454,866	913,908	12,830,654		745,435	(168,473)		1,373,045
September	11,059,457	807,444	11,863,216		689,229	(118,214)		1,254,831
October	8,559,376	667,097	8,482,597		492,822	(174,275)		1,080,555
November	8,635,545	664,670	7,930,290		460,734	(203,936)		876,619
December	9,411,732	721,252	7,669,992		445,611	(275,641)		600,978
January	10,666,618	763,076	9,637,539		559,922	(203,154)		397,824
February	9,863,778	732,028	9,790,411		568,803	(163,225)		234,599
March	9,514,431	747,957	8,655,190		502,849	(245,108)		(10,509)
Subtotal	124,010,075	\$ 9,204,894	113,521,199	\$	6,595,355	\$ (2,609,539)	\$	(10,509)
Grand Total	154,054,903	\$ 11,546,518	141,604,337	\$	8,913,955	\$ (2,632,563)	\$	(10,509)

# Borough of Butler Electric Utility Summary of Projected Purchased Power Costs and Recoveries for the Period January 1, 2016 through March 31, 2017 (Continued)

LEAC recovery computed as follows:
January - March 2016:
KWH billed, multiplied by \$.082562
April 2016 - March 2017:
KWH billed, multiplied by \$.058098

#### **Basis of Projection:**

Purchased Power:
KWH:
See Schedule D

Cost:

See Schedule C-1

**Billing: See Schedule D** 

# Borough of Butler Electric Utility Schedule of Interest on Over Recoveries For the Year Ended December 31, 2015

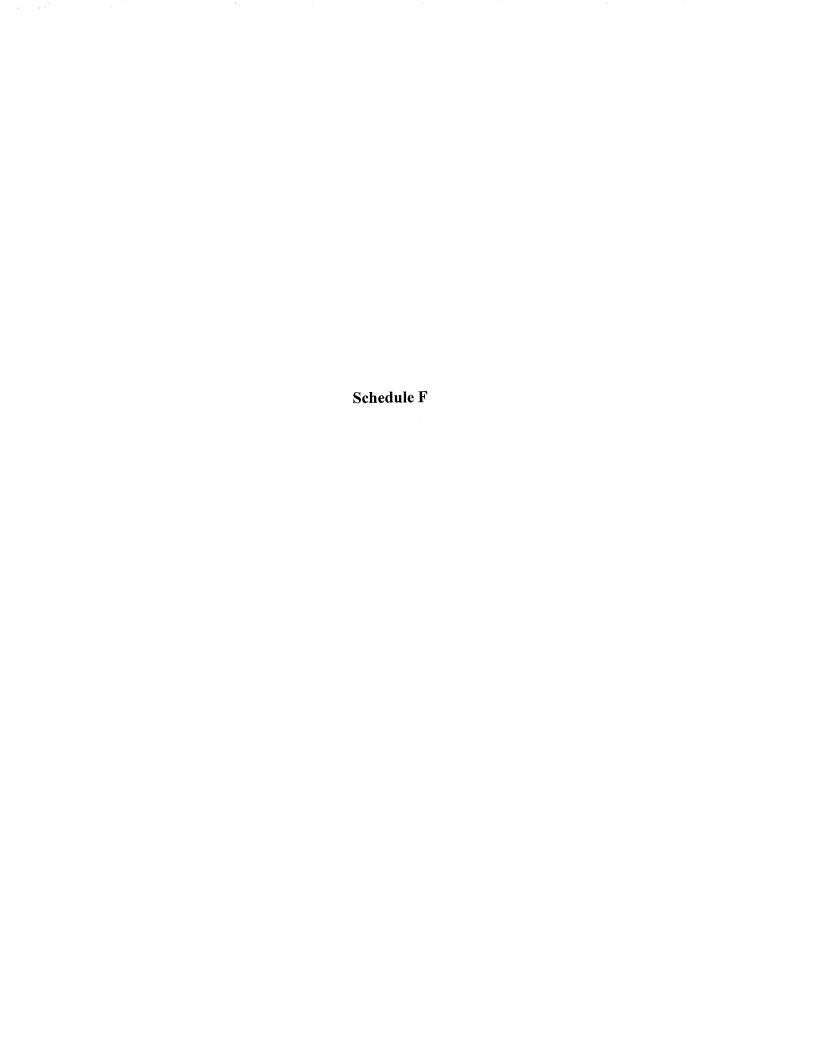
			Cumulative		
	(A	)	(Under ) \	Average	<u></u>
	Interest rate		Over-	Monthly	Interest
	Annual	Monthly	Recovery	Balance	<b>Earned</b>
Balance Forward			\$1,451,733		A
January	0.06%	0.0050%	\$1,553,492	\$1,502,613	\$75
February	0.06%	0.0050%	\$1,722,690	\$1,638,091	\$82
March	0.06%	0.0050%	\$1,825,033	\$1,773,862	\$89
April	0.06%	0.0050%	\$1,939,558	\$1,882,296	\$94
May	0.06%	0.0050%	\$1,915,457	\$1,927,508	\$96
June	0.06%	0.0050%	\$2,019,465	\$1,967,461	<b>\$98</b>
July	0.06%	0.0050%	\$2,025,105	\$2,022,285	\$101
August	0.06%	0.0050%	\$2,264,233	\$2,144,669	\$107
September	0.06%	0.0050%	\$2,552,977	\$2,408,605	\$120
October	0.06%	0.0050%	\$2,644,888	\$2,598,933	\$130
November	0.06%	0.0050%	\$2,686,556	\$2,665,722	\$133
December	0.06%	0.0050%	\$2,620,795	\$2,653,676	\$133
Total	0.0070	5.5 50 7.5	, , ,		\$1,259

## Borough of Butler Electric Utility Schedule of Interest on Over Recoveries For the Year Ended December 31, 2014

			<b>Cumulative</b>		
	(A	)	(Under) \	Average	
	Interest rate		Over-	Monthly	Interest
_	Annual	Monthly	Recovery	<b>Balance</b>	<b>Earned</b>
Balance For	ward		\$1,115,332		
January	0.06%	0.0050%	\$924,263	\$1,019,798	\$51
February	0.06%	0.0050%	\$944,254	\$934,259	\$47
March	0.06%	0.0050%	\$767,337	\$855,796	\$43
April	0.06%	0.0050%	\$687,668	\$727,503	\$36
May	0.06%	0.0050%	\$465,508	\$576,588	<b>\$29</b>
June	0.06%	0.0050%	\$604,103	\$534,806	<b>\$27</b>
July	0.06%	0.0050%	\$737,388	\$670,746	\$34
August	0.06%	0.0050%	\$932,896	\$835,142	\$42
September	0.06%	0.0050%	\$1,183,957	\$1,058,427	\$53
October	0.06%	0.0050%	\$1,274,883	\$1,229,420	\$61
November	0.06%	0.0050%	\$1,373,944	\$1,324,414	\$66
December	0.06%	0.0050%	\$1,451,174	\$1,412,559	<u>\$71</u>
Total	. ,				\$559
* *					

(A) Source:

New Jersey Cash Management Fund



## Borough of Butler Electric Utility Calculation of the Required L.E.A.C. Rate For the Period April 1, 2016 Through June 30, 2016

Projected cost of purchased power 4/1/16 - 3/31/17 Less: Projected over recovery at 4/1/16	\$	9,204,894 2,599,030
Projected net costs to be recovered		6,605,864
To be recovered through L.E.A.C. charges 4/1/16 - 3/31/17	<u>\$</u>	6,605,864
Projected average cost per KWH purchases 4/1/16 - 3/31/17 -Net of projected over recovery at 4/1/16 (\$6,605,864 divided by 124,010,075)	\$	0.053269

A = [(C)(P/S)]

Where "A" is the adjustment per kilowatt hour applicable to each kilowatt hour furnished under the tariff in the period.

"C" is the projected cost of purchased energy and demand during the ensuing twelve months divided by the total number of kilowatt hours to be received in said period.

"P" is the projected total number of kilowatt hours to be purchased by the Borough during the ensuing twelve-month period.

"S" is the projected total number of kilowatt hours to be delivered by the Borough to it's consumers during said period.

All calculations of ratios and money (in dollars) shall be made to six decimal places, with the value of "A" rounded to the nearest ten thousandth of a cent per kilowatt hour.

$$A = [ (C) (P/S) ]$$

$$A = [ (.053269) (124,010,075/113,701,199) ]$$

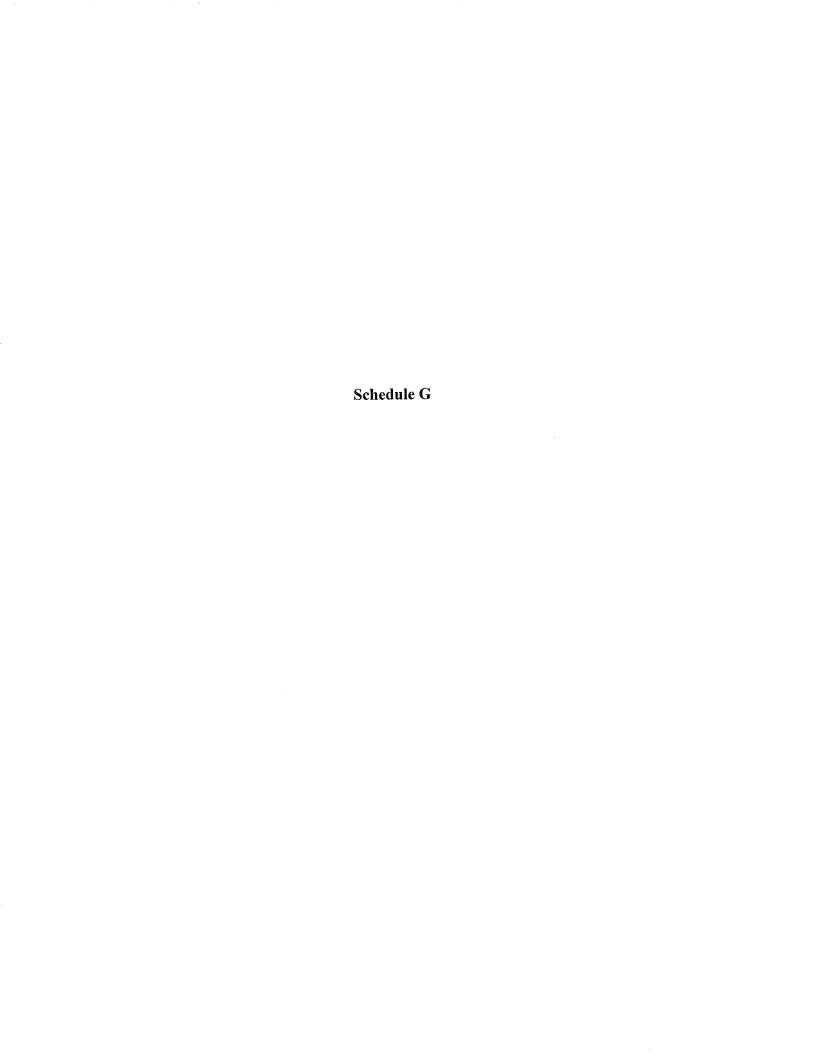
$$A = \underbrace{\$0.058098}$$

Note: Line loss adjusted to 5 year average of 8.31%

As allowed by the Local Finance Board on September 17, 2010, the LEAC "Cap" was increased from \$0.130000 to \$0.151718 under NJSA 40A:5A-25.

# Borough of Butler Electric Utility Calculation of the Required L.E.A.C. Rate For the Period April 1, 2016 Through June 30, 2016 (Continued)

Projected KWH Billed 4/1/16 - 3/31/17	113,521,199
L.E.A.C. Recovery: (113,521,199)(\$0.058098)	\$ 6,595,355
Required recovery	\$ 6,605,864
Projected Under Recovery at March 31, 2017	<b>\$</b> (10,509)



## Borough of Butler Electric Utility Summary of Purchased Power Costs and Recoveries for the Year Ended December 31, 2015

### **Customers Outside of Borough Boundaries**

	Purchased Power			Billi	ng	Recovery		Cumulative	
	KWH	Cost	Average Cost Per KWH	KWH	Line Loss Percentage	Through LEAC Charges	(Under)/ Over Recovery	(Under)/ Over Recovery \$1,451,174	
Balance Forward								\$1, <del>1</del> 31,174	
Interest on Prior Y	ear							\$559	
Over- recovery								<u> </u>	
Adjusted Balance Forward								\$1,451,733	
January	10,345,809	\$837,683	\$0.080968	9,347,680	9.65%	\$939,442	\$101,759	\$1,553,492	
February	9,567,115	\$785,145	\$0.082067	9,495,954	0.74%	\$954,343	\$169,199	\$1,722,690	
March	9,228,275	\$741,343	\$0.080334	8,394,876	9.03%	\$843,685	\$102,342	\$1,825,033	
April	7,692,606	\$662,195	\$0.086082	7,856,540	-2.13%	\$776,721	\$114,526	\$1,939,558	
May	9,608,371	\$759,423	\$0.079038	7,437,788	22.59%	\$735,322	(\$24,101)	\$1,915,457	
June	10,916,325	\$852,248	\$0.078071	9,672,530	11.39%	\$956,255	\$104,007	\$2,019,465	
July	13,338,384	\$1,025,083	\$0.076852	10,591,827	20.59%	\$1,030,722	\$5,640	\$2,025,105	
August	13,050,197	\$971,909	\$0.074475	12,444,759	4.64%	\$1,211,037	\$239,128	\$2,264,233	
September	10,726,832	\$830,980	\$0.077467	11,506,418	-7.27%	\$1,119,724	\$288,744	\$2,552,977	
October	8,301,944	\$694,602	\$0.083667	8,227,474	0.90%	\$786,514	\$91,912	\$2,644,888	
November	8,375,823	\$693,635	\$0.082814	7,691,778	8.17%	\$735,303	\$41,668	\$2,686,556	
December	9,128,665	\$776,930	\$0.085109	7,439,309	18.51%	<u>\$711,168</u>	(\$65,761)	\$2,620,795	
2 Common	120,280,345	\$9,631,175		110,106,933	8.46%	\$10,800,237	\$1,169,062	<u>\$2,620,795</u>	

LEAC recovery computed as follows:

January-March:

KWH billed, multiplied by \$.100500

**April-June:** 

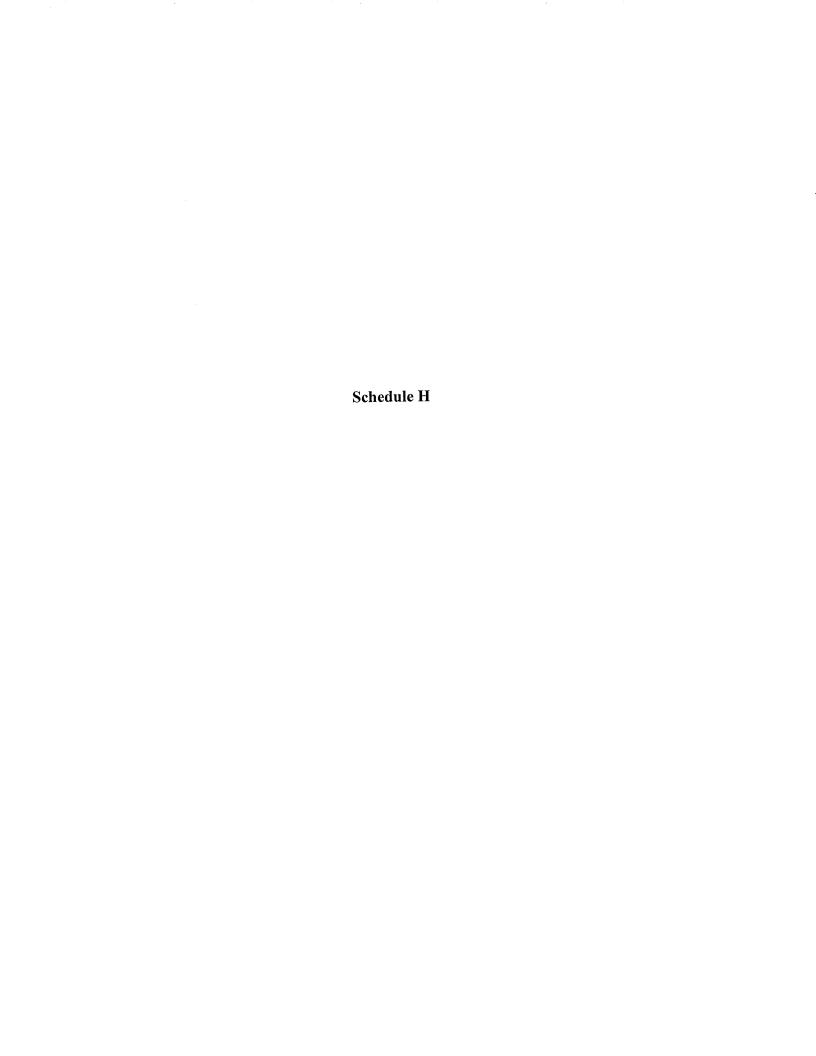
KWH billed, multiplied by \$.098863

**July-September:** 

KWH billed, multiplied by \$.097313

**October-December:** 

KWH billed, multiplied by \$.095596



### Borough of Butler Electric Utility Rate Schedule No. 6 Energy Adjustment Clause

An additional charge shall apply to all kilowatt hours supplied under this tariff for metered service or estimated kilowatt hours consumed by non metered service for the twelve month period ending March 31, 2017, for the projected average cost per kilowatt hour for demand and energy purchased by the Borough during said period, computed as follows:

A = [(C)(P/S)]

Where "A" is the adjustment per kilowatt hour applicable to each kilowatt hour furnished under the tariff in the period.

"C" is the projected cost of purchased energy and demand during the ensuing twelve months divided by the total number of kilowatt hours to be received in said period.

"P" is the projected total number of kilowatt hours to be purchased by the Borough during the ensuing twelve-month period.

"S" is the projected total number of kilowatt hours to be delivered by the Borough to it's consumers during said period.

All calculations of ratios and money (in dollars) shall be made to six decimal places, with the value of "A" rounded to the nearest ten thousandth of a cent per kilowatt hour.

The energy adjustment shall apply after the rate and minimum charge provisions of the tariff and any contracts.

In order to assure that during the said period of time the Borough recovers neither more nor less through the application of this clause than the excess cost of purchased energy and demand above the base energy cost, the following procedure shall apply:

Issued:	Effective for service rendered on or after April 1, 2016						
Issued by James P. Lampmann							
Borough Administrator							
Butler, New Jersey							
Filed pursuant to Order of the Boa	rd of Public Utilities						
Dated -	in Docket No						

# Borough of Butler Electric Utility Rate Schedule No. 6 Energy Adjustment Clause (Continued)

The Borough of Butler Electric Utility shall maintain a monthly record of the amounts paid to the various energy suppliers, attributable to the energy adjustment clause. A record shall be kept of the amounts of energy adjustment charges billed by the Borough of Butler to its retail customers. The Borough of Butler Electric Utility shall report the transactions and balances to the Board of Public Utilities monthly. Any balance (debit or credit) remaining at December 31 of each year shall be considered when calculating the succeeding period's energy adjustment clause.

Should actual costs vary from projections by 5% or more, the Borough of Butler shall file a revision to this tariff section. For the purpose of determining the amounts of recovery to which the Borough is actually entitled, the same formula will apply with these changes:

"A" will apply to the current month.

"C" will be the projected cost of purchased energy and demand during the prior month divided by the total number of kilowatt hours received in said prior month.

"P" is the total number of kilowatt hours purchased by the Borough during the twelve month period ending with the prior month.

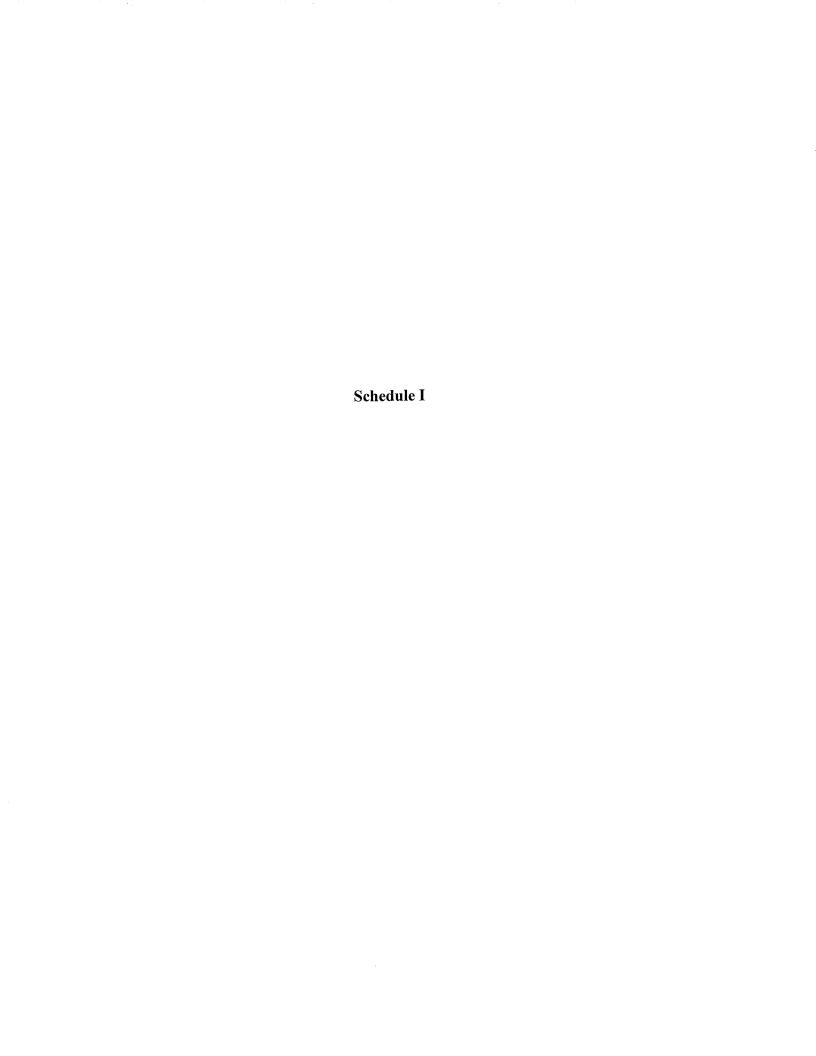
"S" is the total number of kilowatt hours delivered by the Borough to it's consumers during the most recent twelve-month period.

Petitions for changes in the energy adjustment clause shall be filed at least 45 days before the effective date of such changes.

Issued:	Effective for service rendered on or after April 1, 2016
Issued by James P. Lampmann Borough Administrator	
<b>Butler</b> , New Jersey	
Filed pursuant to Order of the Board	d of Public Utilities in Docket No
Dated -	III DOCKET 110.

#### Borough of Butler Electric Utility Rate Schedule No. 6 Energy Adjustment Clause (Continued)

Projected Cost per kilowatt hour of energy purchased during the twelve months ending March 31, 2017	\$0.053269
Amount per kilowatt hour of energy adjustment charge for line losses to customers of 8.31 percent	\$0.004830
Energy adjustment charge per kilowatt hour to be applied to each class of service provided	\$0.058098
Issued:	Effective for service rendered on or after April 1, 2016
Issued by James P. Lampmann Borough Administrator Butler, New Jersey	
Filed pursuant to Order of the Board of Public Utilities  Dated - in Docket	No



## MASTER POWER PURCHASE AND SALE AGREEMENT CONFIRMATION LETTER

This confirmation letter shall confirm the Transaction agreed to on December 1, 2011 between The Borough of Butler ("Party A") and PSEG Energy Resources and Trade LLC ("Party B") regarding the sale/purchase of the Product under the terms and conditions as follows:

	One and a control of		•						
Seller:	PSEG Energy Resources and Trade LLC								
Buyer:	The Borough of Butler		·						
Produc	ot:	مدنس							
[]	Into, Seller's Daily C	Hoice							
[x]	Firm (LD) Energy								
[]	Firm (No Force Majeure)								
[]	System Firm					)			
	(Specify System:								
[]	Unit Firm (Specify Unit(s):								
	(Specify Unit(s):								
	0.11								
[]	Transmission Contingency (If not marked	, no trat	Seller	[]	Buyer				
	[] FT-Contract Path Contingency	[]	Seller		Buyer				
	[] FT-Delivery Point Contingency		Seller	[]	Buyer				
	[] Transmission Contingent		POTTOT	1,3	•				
	[] Other transmission contingency	WT	es of for each	hour dur	ing the				
Cont	ract Quantity: Shall mean the number of My very Period specified on Schedule(s) A, B at	ws spec tached l	hereto and inc	corporated	herein by				
Deliv refere	very Period specified on Benedictory 13,2								
Dalis	very Period: See Schedule(s) A, B								
Doily	very Point for wholesale energy block: JCP	L Zone	P Node ID 512	295					
יונטען	dule A Contract Price: \$54.97/MWh			•					
Sche	dule B Contract Price: \$58.30/MWh								

December 1, 2011 Confirmation Letter Page 2

Special Conditions: None

Scheduling: Seller shall schedule delivery of the Contract Quantity at the Delivery Point to occur during the Delivery Period on the relevant Delivery Day, via the PJM Interconnection, L.L.C. ("PJM") Day-Ahead eSchedule.

"7x24 Delivery Day" means each 24-hour period of on-peak hours and off-peak hours beginning with the hour ending 0100 Eastern Prevailing Time ("EPT") through and including hour ending 2400 EPT Monday through Sunday.

Market Rules: Except as otherwise provided herein or in the Master Power Purchase and Sale Agreement dated October 28, 2011 between Party A and Party B ("Master Agreement"), all product or market related terms capitalized but not defined herein shall have the meaning given such terms from time to time pursuant to PJM tariffs, operating procedures, manuals, and related documents, as amended from time to time (or any successor thereto), as applicable.

This confirmation letter is being provided pursuant to and in accordance with the Master Agreement, and constitutes part of and is subject to the terms and provisions thereof. Terms used but not defined herein shall have the meanings ascribed to them in the Master Agreement.

[Party A] The Borough of Butler	[Party B]  PSEG Energy Resources and Trade LLC
Name: A Byza Albania 57824704  Phone No: 973-838:3762	Name: 26/1  Title: Vice lasident  Phone No: 473-4308866  Fax: 473-643-8385
Jim Lampmann	and we grat

December 1, 2011 Confirmation Letter Page 3

## Schedule A Contract Quantity for Wholesale Blocks of Energy 2014 - 2015

	Jun	Jul 14	Aug 14	Sept 14	Oct 14	Nov 14	Dec 14	Jan 15	Feb 15	Mar 15	Apr 15	May 15
On- Peak	16.1	19.9	17.9	14.2	11.9	12,4	14.5	14.3	13.6	11.9	11.8	12.1
Hours Off- Peak Hours	11.7	14.3	12.4	10.8	9.3	9.8	11.7	12.0	11.1	9.5	9.3	9.5

# Schedule B Contract Quantity for Wholesale Blocks of Energy 2015 - 2016

	Jun 15	Jul 15	Aug 15	Sept 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16
On- Peak	8.1	9.8	10.9	7.1	5.9	6.2	7.3	7.2	6.8	6.0	5.9	6.1
Hours Off- Peak Hours	5.8	7.2	7.1	5.4	4.7	4.9	5.9	6.0	5.6	4.8	4.7	4.8

## MASTER POWER PURCHASE AND SALE AGREEMENT CONFIRMATION LETTER [8607320]

This confirmation letter shall confirm the Transaction agreed to on January 5, 2012 between The Borough of Butler ("Party A") and Exelon Generation Company, LLC ("Party B") regarding the sale/purchase of the Product under the terms and conditions as follows:

Seller:	Exelo	n Generation Company, LLC						
Buyer:	The B	orough of Butler						
Produc								
[]	Into	, Seller's Daily	Choice					
[x]	Firm (LD) Energy							
[]	Firm (No Force Majeure)							
[]	Systen	n Firm						
	(Speci	fy System:						
[]	Unit F							
	(Speci	fy Unit(s):						
[]						Management of the state of the		
[]	Transı	nission Contingency (If not marked	l, no tran	ismission con	tingency			
	[]	FT-Contract Path Contingency		Seller		Buyer		
	[]	FT-Delivery Point Contingency		Seller		Buyer		
		Transmission Contingent	[]	Seller	[]	Buyer		
		Other transmission contingency						
Contra Delive referen	ry Peri	ntity: Shall mean the number of Mod specified on Schedule(s) A attac	Ws spec hed here	ified for each to and incorp	hour dur orated he	ing the erein by		
		od: See Schedule(s) A						
Delive	ery Poin	at for wholesale energy block: JCP	L Zone	P Node ID 5	1295			
Sched	ule A C	ontract Price: \$49.97/MWh						

January 5, 2012 Confirmation Letter Page 2

Special Conditions: None

Scheduling: Seller shall schedule delivery of the Contract Quantity at the Delivery Point to occur during the Delivery Period on the relevant Delivery Day, via the PJM Interconnection, L.L.C. ("PJM") Day-Ahead eSchedule.

"7x24 Delivery Day" means each 24-hour period of on-peak hours and off-peak hours beginning with the hour ending 0100 Eastern Prevailing Time ("EPT") through and including hour ending 2400 EPT Monday through Sunday.

Market Rules: Except as otherwise provided herein or in the Master Power Purchase and Sale Agreement dated October 4, 2011 between Party A and Party B ("Master Agreement"), all product or market related terms capitalized but not defined herein shall have the meaning given such terms from time to time pursuant to PJM tariffs, operating procedures, manuals, and related documents, as amended from time to time (or any successor thereto), as applicable.

This confirmation letter is being provided pursuant to and in accordance with the Master Agreement, and constitutes part of and is subject to the terms and provisions thereof. Terms used but not defined herein shall have the meanings ascribed to them in the Master Agreement.

[Party A]

The Borough of Butler

Name:

VLampmann Title:

Bores DOMIN.

Phone No:

Fax: 973-838-3762

[Party B]

Exelon Generation Company, LLC

Ann P. Kelly.
Ann P. Kelly **Risk Controller** 

January 5, 2012 Confirmation Letter Page 3

## Schedule A Contract Quantity for Wholesale Blocks of Energy 2015 - 2016

	Jun 15	Jul 15	Aug 15	Sept 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16
On- Peak Hours	8.1	9.8	10.9	7.1	5.9	6.2	7.3	7.2	6.8	6.0	5.9	6.1
Off- Peak Hours	5.8	7.2	7.1	5.4	4.7	4.9	5.9	6.0	5.6	4.8	4.7	4.8

### MASTER POWER PURCHASE AND SALE AGREEMENT CONFIRMATION LETTER

This confirmation letter shall confirm the Transaction agreed to on February 1, 2012 between Borough of Butler ("Party A") and PSEG Energy Resources & Trade LLC ("Party B") regarding the sale/purchase of the Product under the terms and conditions as follows:

Seller:	PSEG Energy Resources & Trade LLC							
Buyer:	Borou	gh of Butler						
Produc	:t:							
	Into	, Seller's Daily C	hoice					
[x]	Firm (	LD) Energy						
[]	Firm (No Force Majeure)							
[]	System Firm							
	(Specify System:)							
	Unit Firm							
	(Speci	fy Unit(s):				www.	)	
	Other							
	Transr	nission Contingency (If not marked,	no tran	smission con	tingency)	)		
	[]	FT-Contract Path Contingency		Seller		Buyer		
	[]	FT-Delivery Point Contingency	[]	Seller		Buyer		
		Transmission Contingent	[]	Seller		Buyer		
		Other transmission contingency						
Contra Period	ect Quar specifi	ntity: Shall mean the number of MW ed on Schedule A, attached hereto a	Vs spec nd inco	ified for each rporated here	hour dur in by refe	ing the Delive erence.	ry	
Delive	ry Perio	od: See Schedule(s) A						
Delive	ry Poin	t for wholesale energy block: JCPI	Zone	P Node ID 5	1295			
Sched	ule A C	ontract Price: \$47.04 \$/MWh						

February 1, 2012 Confirmation Letter Page 2

Special Conditions: None

Scheduling: Seller shall schedule delivery of the Contract Quantity at the Delivery Point to occur during the Delivery Period on the relevant Delivery Day, via the PJM Interconnection, L.L.C. ("PJM") Day-Ahead eSchedule.

"On-Peak Hours" shall cover the periods from the hour ending 0800 until the hour ending 2300 EPT on Mondays through Fridays, except holidays as defined by the North American Electric Reliability Corporation or any successor organization thereto.

"Off-Peak Hours" shall cover the periods from the hour ending at midnight until the hour ending at 0700 EPT on Mondays through Fridays and all hours on Saturdays, Sundays, and holidays as defined by the North American Electric Reliability Corporation or any successor organization thereto.

Market Rules: Except as otherwise provided herein or in the Master Power Purchase and Sale Agreement dated October 28, 2011 between Party A and Party B ("Master Agreement"), all product or market related terms capitalized but not defined herein shall have the meaning given such terms from time to time pursuant to PJM tariffs, operating procedures, manuals, and related documents, as amended from time to time (or any successor thereto), as applicable.

This confirmation letter is being provided pursuant to and in accordance with the Master Agreement, and constitutes part of and is subject to the terms and provisions thereof. Terms used but not defined herein shall have the meanings ascribed to them in the Master Agreement.

February 1, 2012 Confirmation Letter Page 3

## Schedule A Contract Quantity for Wholesale Blocks of Energy 2015 - 2016

	Jun 15	Jul 15	Aug 15	Sept 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16
On- Peak Hours	8.0	10.1	7.0	7.1	6.0	6.2	7.2	7.1	6.8	5.9	5.9	6.0
Off- Peak Hours	5.9	7.1	5.3	5.4	4.6	4.9	5.8	6.0	5.5	4.7	4.6	4.7

February 1, 2012 Confirmation Letter Page 4

"On-Peak Hours" means the periods from the hour ending 0800 until the hour ending 2300 EPT on Mondays through Fridays, excluding NERC Holidays.

"NERC Holiday" means a holiday as defined by the North American Electric Reliability Corporation or any successor organization thereto.

"Off-Peak Hours" means the periods from the hour ending at midnight until the hour ending at 0700 EPT on Mondays through Fridays and all hours on Saturdays, Sundays, and NERC Holidays.

### MASTER POWER PURCHASE AND SALE AGREEMENT CONFIRMATION LETTER

This confirmation letter shall confirm the Transaction agreed to on June 28, 2012 between Borough of Butler ("Party A") and PPL EnergyPlus, LLC ("Party B") regarding the sale/purchase of the Product under the terms and conditions as follows:

Seller	: PPL E	EnergyPlus, LLC							
Buyer	: Boro	ugh of Butler 🗸							
Produ									
[]	Into_	Into, Seller's Daily Choice							
[x]	Firm (	(LD) Energy 🗸							
	Firm (	Firm (No Force Majeure)							
0	System	System Firm							
	(Spec	ify System:					)		
[]	Unit I	Firm							
	(Spec	ify Unit(s):					)		
0		The state of the s							
	Trans	mission Contingency (If not marked	, no trar	ismission cot	tingency				
		FT-Contract Path Contingency		Seller		Buyer			
	IJ	FT-Delivery Point Contingency		Seller	~~	Buyer			
	0	Transmission Contingent	Û	Seller	Ü	Buyer			
	O	Other transmission contingency		-					
Cont Perio	ract Qua d specif	antity: Shall mean the number of M fied on Schedule A, attached hereto a	Ws spec and inco	ified for each apprated here	hour dur in by refe	ing the Delive exence.	ry		
Deliv	ery Per	iod: See Schedule(s) A 🗸	/		./				
Deliv	ery Poi	nt for wholesale energy block: JCP.	Ľ Zone	P Node ID 5	1295				
		Contract Price: \$49.10/MWh							

UUI G AUIA GHEOTHAL LUGATORE

June 28, 2012 Confirmation Letter Page 2

Special Conditions: None

Scheduling: Seller shall schedule delivery of the Contract Quantity at the Delivery Point to occur during the Delivery Period on the relevant Delivery Day, via the PJM Interconnection, L.L.C. ("PJM") Day-Ahead eSchedule.

"On-Peak Hours" shall cover the periods from the hour ending 0800 until the hour ending 2300 EPT on Mondays through Fridays, except holidays as defined by the North American Electric Reliability Corporation or any successor organization thereto.

"Off-Peak Hours" shall cover the periods from the hour ending at midnight until the hour ending at 0700 EPT on Mondays through Fridays and all hours on Saturdays, Sundays, and holidays as defined by the North American Electric Reliability Corporation or any successor organization thereto.

Market Rules: Except as otherwise provided herein or in the Master Power Purchase and Sale Agreement dated October 4, 2011 between Party A and Party B ("Master Agreement"), all product or market related terms capitalized but not defined herein shall have the meaning given such terms from time to time pursuant to PJM tariffs, operating procedures, manuals, and related documents, as amended from time to time (or any successor thereto), as applicable.

This confirmation letter is being provided pursuant to and in accordance with the Master Agreement, and constitutes part of and is subject to the terms and provisions thereof. Terms used but not defined herein shall have the meanings ascribed to them in the Master Agreement.

[Party A]	[Party B]
Borough of Butley	PPL EnergyPlus, LLC
Name: Jim Lampmann	Name: Arykla Cuo Title: Trading Carbris
Title: Borough Administrator	Title: Trading Controls
Phone No: 973-838-6565	Phone No: 610-174-2813
Fax: 973-838-3762	Fax: 610-774-7413

Angela Creo Trading Controls Analyst 610-774-2813 610-774-7413 June 28, 2012 Confirmation Letter Page 3

Schedule A

### Contract Quantity for Wholesale Blocks of Energy 2016 - 2017

Delivery Period	Jun 16	Jul 16	Aug 16	Sept 16	Oct 16	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17
On-Peak Hours	8.1	9.8	10.9	7.1	5,9	6.2 V	7.3	7.2	6.8	6.0	5.9	6.1
Off-Peak Hours	5.8	7.2	7.1	5.4	4.7	4.9	5.9	6.0	5.6	4.8	4.7	4.8

#### MASTER POWER PURCHASE AND SALE AGREEMENT CONFIRMATION LETTER

This confirmation letter shall confirm the Transaction agreed to on September 24, 2012 between Borough of Butler ("Party A") and PPL EnergyPlus LLC ("Party B") regarding the sale/purchase of the Product under the terms and conditions as follows:

Seller:	PPL E	nergyPlus LLC						
Buyer:	Borou	gh of Butler						
Produc								
[]	Into _	, Seller's Daily C	hoice					
[x] (	Firm (LD) Energy							
[]	Firm (No Force Majeure)							
	System Firm							
	(Speci	fy System:					)	
	Unit F							
	(Speci	fy Unit(s):					)	
O								
0	Transı	nission Contingency (If not marked,	no tran		tingency)			
		FT-Contract Path Contingency	[]	Seller	0	Buyer		
	[]	FT-Delivery Point Contingency	$\Box$	Seller	n	Buyer		
	[]	Transmission Contingent	0	Seller		Buyer		
	O	Other transmission contingency						
Contr Period	act Qua 1 specifi	ntity: Shall mean the number of MV ed on Schedule A, attached hereto a	Vs spec nd inco	ified for each rporated here	hour dur in by refe	ing the Deliverence.	егу	
Deliv	ery Peri	od: See Schedule(s) A			/			
Deliv	ery Poir	nt for wholesale energy block: JCPI	L Zone	P Node ID 5	1295			
		Contract Price: \$48.55/MWh 🗸						

September 24, 2012 Confirmation Letter Page 2

Special Conditions: None

Scheduling: Seller shall schedule delivery of the Contract Quantity at the Delivery Point to occur during the Delivery Period on the relevant Delivery Day, via the PJM Interconnection, L.L.C. ("PJM") Day-Ahead eSchedule.

"On-Reak Hours" shall cover the periods from the hour ending 0800 until the hour ending 2300 EPT on Monday's through Fridays, except holidays as defined by the North American Electric Reliability Corporation or any successor organization thereto.

"Off-Peak Hours" shall cover the periods from the hour ending at midnight until the hour ending at 0700 EPT on Mondays through Fridays and all hours on Saturdays, Sundays, and holidays as defined by the North American Electric Reliability Corporation or any successor organization thereto.

Market Rules: Except as otherwise provided herein or in the Master Power Purchase and Sale Agreement dated October 4, 2011 between Party A and Party B ("Master Agreement"), all product or market related terms capitalized but not defined herein shall have the meaning given such terms from time to time pursuant to PJM tariffs, operating procedures, manuals, and related documents, as amended from time to time (or any successor thereto), as applicable.

This confirmation letter is being provided pursuant to and in accordance with the Master Agreement, and constitutes part of and is subject to the terms and provisions thereof. Terms used but not defined herein shall have the meanings ascribed to them in the Master Agreement.

[Party A]	[Party B]
Boxough of Butler In Campmann	PPL EnergyPlus LLC
Name:	Name: Ufalue lisali
T TO THE SECOND	Title: Trading Controls Analyst
Phone No: 971-838-6565	Phone No: (103777-7019)
Fax: 971-838-3762	Fax: 610-774-113

Tiffany Olsson
Trading Controls Analyst
610-774-7019
Fax: 610-774-7413

### September 24, 2012 Confirmation Letter Page 3

#### Schedule A

## Contract Quantity for Wholesale Blocks of Energy 2016 - 2017

Delivery Period	Jun 16	Jul 16	Aug 16	Sept 16	Oct 16	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 1-7
On-Peak Hours	/8.1	9.8	V10.9	√7.1	/ <sub>5.9</sub>	6.2	<b>17.3</b>	<b>√</b> 7.2	£.8	6.0	√5.9	√6.1
Off-Peak Hours	5.8	V1.2	√7.1	5.4	<b>√</b> 4.7	√4.9	<b>√</b> 5.9	6.0	5.6	√4.8	<b>√</b> 4.7	<b>√</b> 4.8

### MASTER POWER PURCHASE AND SALE AGREEMENT CONFIRMATION LETTER

This confirmation letter shall confirm the Transaction agreed to on September 4, 2013 between The Borough of Butler ("Party A") and Nextera Energy Power Marketing, LLC ("Party B") regarding the sale/purchase of the Product under the terms and conditions as follows:

Seller:	Nexte	ra Energy Power Marketing, LLC					
Buyer:	The B	orough of Butler					
Produc	st:						
[]	Into	, Seller's Daily C	Choice				
[x]	Firm (	LD) Energy					
	Firm (No Force Majeure)						
[]	System Firm						
	(Specify System:						
0	Unit Firm						
	(Speci	fy Unit(s):					)
[]							
	Transr	nission Contingency (If not marked,	no tran	ismission con	tingency)	)	
	[]	FT-Contract Path Contingency	[]	Seller	D	Buyer	
	[]	FT-Delivery Point Contingency		Seller		Buyer	
		Transmission Contingent	[]	Seller		Buyer	
,		Other transmission contingency					
Contra Period	ct Quar specifi	ntity: Shall mean the number of MV ed on Schedule A, attached hereto a	Vs spec nd inco	ified for each rporated here	hour dur in by refe	ing the Deliver erence,	У
		od: See Schedule(s) A					
Delive	ry Poin	t for wholesale energy block: JCPL	Zone F	Node ID 512	95		
Schedi	ıle A C	ontract Price: \$43.34/MWh					

September 4, 2013 Confirmation Letter Page 2

Special Conditions: None

Scheduling: Seller shall schedule delivery of the Contract Quantity at the Delivery Point to occur during the Delivery Period on the relevant Delivery Day, via the PJM Interconnection, L.L.C. ("PJM") Day-Ahead InSchedule.

"On-Peak Hours" shall cover the periods from the hour ending 0800 until the hour ending 2300 EPT on Mondays through Fridays, except holidays as defined by the North American Electric Reliability Corporation or any successor organization thereto.

"Off-Peak Hours" shall cover the periods from the hour ending at midnight until the hour ending at 0700 EPT on Mondays through Fridays and all hours on Saturdays, Sundays, and holidays as defined by the North American Electric Reliability Corporation or any successor organization thereto.

Market Rules: Except as otherwise provided herein or in the Master Power Purchase and Sale Agreement dated October 4, 2011 between Party A and Party B ("Master Agreement"), all product or market related terms capitalized but not defined herein shall have the meaning given such terms from time to time pursuant to PJM tariffs, operating procedures, manuals, and related documents, as amended from time to time (or any successor thereto), as applicable.

This confirmation letter is being provided pursuant to and in accordance with the Master Agreement, and constitutes part of and is subject to the terms and provisions thereof. Terms used but not defined herein shall have the meanings ascribed to them in the Master Agreement.

[Party A]	[Party B]
The Borough of Butler	Nextera Energy Power Marketing, LLC
Name: Jamos Title: Borox & Administrator  Phone No: 973-838-6565  Fax: 973-838-3762  James Lampmann	Name: Oval Carolina Handal Title: Associate Trading Risk Anc Phone No: 561-625-7517  Fax: 1228815  1228808

September 4, 2013 Confirmation Letter Page 3

## Schedule A Contract Quantity for Wholesale Blocks of Energy 2016 - 2017

Delivery Period	Jun 16	Jul 16	Aug 16	Sept 16	Oct 16	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17
On-Peak Hours	8.0	10.1	7.0	7.1	6.0	6.2	7.2	7.1	6.8	5.9	5.9	6.0
Off-Peak Hours	5.9	7.1	5.3	5,4	4.6	4.9	5.8	6.0	5,5	4.7	4.6	4.7



## Borough of Butler Electric Utility Summary of Purchased Power Costs for the Year Ended December 31, 2015

	Cost System Wide	% of Sales Outside of Butler	Cost Outside of Butler		
January	\$ 1,211,661	69.14%	\$ 837,683		
February	1,143,900	68.64%	785,145		
March	1,089,286	68.06%	741,343		
April	972,488	68.09%	662,195		
May	1,102,661	68.87%	759,423		
June	1,210,923	70.38%	852,248		
July	1,459,858	70.22%	1,025,083		
August	1,383,364	70.26%	971,909		
September	1,195,908	69.49%	830,980		
October	1,004,646	69.14%	694,602		
November	998,968	69.44%	693,635		
December	1,127,081	68.93%	776,930		
	\$ 13,900,744		\$ 9,631,175		

#### Borough of Butler Electric Utility Purchased Power Costs Year Ended December 31, 2015

of							_	25.4
Days	Total		Net					Metered energy
in	Metered	NYPA	Metered	Pur	chase Guarantees			
Month	Energy	Energy	Energy	PSEG	Exelon	PSERT		PSEG (1/1-5/31)
	14,964,617	968,803	13,995,814	9,700,800	4,867,200		(572,186)	Exelon (1/1-5/31)
	13,938,610	816,072	13,122,538	8,259,200	4,147,200		716,138	PSEG (6/1-12/31)
	13,559,488	896,870	12,662,618	7,903,300	3,988,800		770,518	Exelon (6/1-12/31)
	11,297,220	762,166	10,535,054	7,576,000	3,806,400		(847,346)	PSERT (6/1-12/31
	13,951,081	833,864	13,117,217	7,900,000	3,987,200		1,230,017	
		653,394	14,857,152	4,985,600	4,985,600	4,987,200	(101,248)	
		689,524	18,306,153	6,313,600	6,313,600	6,386,400	(707,447)	
		827,634	17,747,339	6,559,200	6,559,200	4,514,400	114,539	
		796,530	14,641,031	4,459,200	4,459,200	4,459,200	1,263,431	
	, .	,	11,114,228	3,919,200	3,919,200	3,915,200	(639,372)	
		•	, ,	3,948,900	3,948,900	3,948,900	(707,587)	
		•	, ,		4,882,400	4,808,000	(2,303,930)	
31 _				76,407,400	55,864,900	33,019,300		
	Days in	Days in         Total Metered           Month         Energy           31         14,964,617           28         13,938,610           31         13,559,488           30         11,297,220           31         13,951,081           30         15,510,546           31         18,995,677           31         18,574,973           30         15,437,561           31         12,007,628           30         12,062,798	Days in         Total Metered         NYPA           Month         Energy         Energy           31         14,964,617         968,803           28         13,938,610         816,072           31         13,559,488         896,870           30         11,297,220         762,166           31         13,951,081         833,864           30         15,510,546         653,394           31         18,974,973         827,634           30         15,437,561         796,530           31         12,007,628         893,400           30         12,062,798         923,685           31         13,242,823         973,953	Days in         Total Metered         NYPA Metered         Metered Energy         NYPA Energy         Energy           31         14,964,617         968,803         13,995,814           28         13,938,610         816,072         13,122,538           31         13,559,488         896,870         12,662,618           30         11,297,220         762,166         10,535,054           31         13,951,081         833,864         13,117,217           30         15,510,546         653,394         14,857,152           31         18,995,677         689,524         18,306,153           31         18,574,973         827,634         17,747,339           30         15,437,561         796,530         14,641,031           31         12,007,628         893,400         11,114,228           30         12,062,798         923,685         11,139,113           31         13,242,823         973,953         12,268,870	Days in         Total Metered         NYPA         Metered Energy         Pur Energy         Pur Energy         Pur Energy         Pur Energy         PSEG           31         14,964,617         968,303         13,955,814         9,700,800           28         13,938,610         816,072         13,122,538         8,259,200           31         13,559,488         896,870         12,662,618         7,903,300           30         11,297,220         762,166         10,535,054         7,576,000           31         13,951,081         833,864         13,117,217         7,900,000           30         15,510,546         653,394         14,857,152         4,985,600           31         18,995,677         689,524         18,306,153         6,313,600           31         18,574,973         827,634         17,747,339         6,559,200           30         15,437,561         796,530         14,641,031         4,459,200           31         12,007,628         893,400         11,114,228         3,919,200           30         12,062,798         923,685         11,139,113         3,948,900           31         13,242,823         973,953         12,268,870         4,882,400	Days in Metered         NYPA Metered Metered         Purchase Guarantees           Month         Energy         Energy         PSEG         Exclon           31         14,964,617         968,803         13,995,814         9,700,800         4,867,200           28         13,938,610         816,072         13,122,538         8,259,200         4,147,200           31         13,559,488         896,870         12,662,618         7,903,300         3,988,800           30         11,297,220         762,166         10,535,054         7,576,000         3,806,400           31         13,951,081         833,864         13,117,217         7,900,000         3,987,200           30         15,510,546         653,394         14,857,152         4,985,600         4,985,600           31         18,954,973         827,634         17,747,339         6,559,200         6,559,200           30         15,437,561         796,530         14,641,031         4,459,200         4,459,200           31         12,007,628         893,400         11,114,228         3,919,200         3,919,200           30         12,062,798         923,685         11,139,113         3,948,900         3,948,900           31	Days in Metered         Net Metered         NYPA         Metered Energy         Purchase Guarantees           31         14,964,617         968,803         13,995,814         9,700,800         4,867,200           28         13,938,610         816,072         13,122,538         8,259,200         4,147,200           31         13,559,488         896,870         12,662,618         7,903,300         3,988,800           30         11,297,220         762,166         10,535,054         7,576,000         3,806,400           31         13,951,081         833,864         13,117,217         7,900,000         3,987,200           30         15,510,546         653,394         14,857,152         4,985,600         4,985,600         4,987,200           31         18,995,677         689,524         18,306,153         6,313,600         6,313,600         6,386,400           31         18,574,973         827,634         17,747,339         6,559,200         6,559,200         4,514,400           30         15,437,561         796,530         14,641,031         4,459,200         4,459,200         4,459,200           31         12,007,628         893,400         11,114,228         3,919,200         3,919,200         3,915,200 <td>Days in Metered         NYPA         Metered         Purchase Guarantees         Excess Purchases Purchase Guarantees           Month         Energy         Energy         PSEG         Exelon         PSERT         CSales)           31         14,964,617         968,803         13,995,814         9,700,800         4,867,200         52,186           28         13,938,610         816,072         13,122,538         8,259,200         4,147,200         716,138           31         13,559,488         896,870         12,662,618         7,903,300         3,988,800         770,518           30         11,297,220         762,166         10,535,054         7,576,000         3,806,400         (847,346)           31         13,951,081         833,864         13,117,217         7,900,000         3,987,200         1,230,017           30         15,510,546         653,394         14,857,152         4,985,600         4,985,600         4,987,200         (101,248)           31         18,995,677         689,524         18,306,153         6,313,600         6,336,400         (707,447)           31         18,574,973         827,634         17,747,339         6,559,200         6,559,200         4,514,400         114,539</td>	Days in Metered         NYPA         Metered         Purchase Guarantees         Excess Purchases Purchase Guarantees           Month         Energy         Energy         PSEG         Exelon         PSERT         CSales)           31         14,964,617         968,803         13,995,814         9,700,800         4,867,200         52,186           28         13,938,610         816,072         13,122,538         8,259,200         4,147,200         716,138           31         13,559,488         896,870         12,662,618         7,903,300         3,988,800         770,518           30         11,297,220         762,166         10,535,054         7,576,000         3,806,400         (847,346)           31         13,951,081         833,864         13,117,217         7,900,000         3,987,200         1,230,017           30         15,510,546         653,394         14,857,152         4,985,600         4,985,600         4,987,200         (101,248)           31         18,995,677         689,524         18,306,153         6,313,600         6,336,400         (707,447)           31         18,574,973         827,634         17,747,339         6,559,200         6,559,200         4,514,400         114,539

							Network									<b></b>
							Integration									Total
					Locational		Transmission		Other	Excess						Purchased
	_				Reliability		Service		Charges*	Purchases /			Misc.			Power
-		Metered Energy			•		Charges		Credits	(Sales)	APN Fee		Adjustments	Subtotal	PASNY	Costs
_	PSERT	PSEG	Exelon		Charges				\$63,570.65	(Sures)	\$4,600.00			\$1,190,149.72	\$21,510.96	\$1,211,660.68
January		\$533,252.98	\$289,890.43		\$242,490.68		\$56,344.98				\$4,600.00		(\$0.01)	\$1,117,614.42	\$26,285.59	\$1,143,900.01
February		\$454,008.22	\$247,007.23		\$219,023.84		\$50,892.24		142,082.89				(30.01)	\$1,053,238.16	\$36,047.45	\$1,089,285.61
March		\$434,444.40	\$237,572.93		\$242,490.68		\$56,344.98		\$77,785.17		\$4,600.00		60.01	\$948,201.89	\$24,286.12	\$972,488.01
April		\$416,452.72	\$226,709.18		\$234,668.40		\$54,527.40	:	\$11,244.18		\$4,600.00		\$0.01			•
-		\$434,263.00	\$237,477.63		\$242,490.68		\$56,344.98	\$	110,133.34		\$4,600.00			\$1,085,309.63	\$17,351.01	\$1,102,660.64
May	0004 505 00	\$290,660.48	\$249,130.43		\$281,625.30		\$54,527.40		\$73,797.30		\$4,850.00			\$1,189,188.80	\$21,734.22	\$1,210,923.02
June	\$234,597.89				\$291,012.81		\$56,344.98	S	103,603.57		\$4,850.00			\$1,439,801.09	\$20,056.68	\$1,459,857.77
July	\$300,416.26	\$368,082.88	\$315,490.59		,		\$56,344.98		\$86,204.76		\$4,850.00		\$0.01	\$1,360,934.52	\$22,429.68	\$1,383,364.20
August	\$212,357.38	\$382,401.36	\$327,763.22		\$291,012.81						\$4,850.00			\$1,173,769.31	\$22,139.07	\$1,195,908.38
September	\$209,760.77	\$259,971.36	\$222,826.22		\$281,625.30		\$54,527.40		140,208.26		•		\$0.01	\$982,635,26	\$22,011.21	\$1,004,646.47
October	\$184,171.01	\$228,489.36	\$195,842.42		\$291,012.81		\$56,344.98		\$21,924.67		\$4,850.00		30.01		\$21,990.68	\$998,968.46
	\$185,756.26	\$230,220.87	\$197,326.53		\$281,625.30		\$54,527.40		\$22,671.42		\$4,850.00			\$976,977.78		
November		\$284,643.92	\$243,973.53		\$291,012.81		\$56,344.98		(\$6,359.94)		\$4,850.00			\$1,100,633.62	\$26,446.89	\$1,127,080.51
December	\$226,168.32 \$1,553,227.87	\$4.316.891.55	\$2,991,010,37	\$0,00	\$3,190,091.42	\$0.00	\$663,416.70	\$0.00	\$846,866.27	\$0.00	\$56,950.00	\$0.00	\$0.02	\$13,618,454.20	\$282,289.56	\$13,900,743.76
	\$1.553.777.X7	34.310.391.55	34.991.010.97	30.00	33,170,071,112	00,00										

Network

Other Charges\* Schedule 1A Schedule 9

**Expansion Recovery Charge** 

Generation Deactivation Charge

\$0.05497 (KWh) \$0.05956 (KWh) \$0.05830 (KWh) \$0.04997 (KWh) \$0.04704 (KWh)



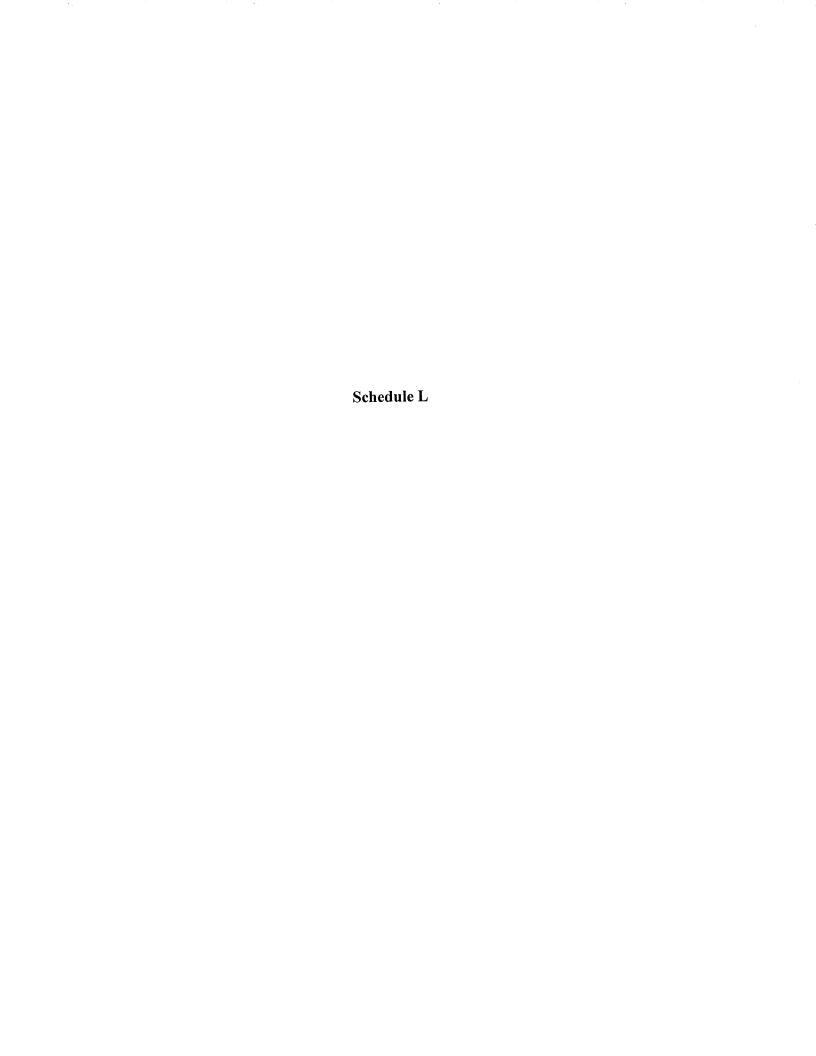
#### Schedule K

# Borough of Butler Electric Utility Gross Operating Billings For Customers Outside of The Borough of Butler For The Year Ended December 31, 2015

	 Total Billed
Base	\$ 4,456,782
Sales tax	1,065,459
L.E.A.C.: Fuel Recovery	10,800,237
Total	\$ 16,322,478

## Projected Gross Operating Billings For Customers Outside of The Borough of Butler For The Year Ended December 31, 2016

Base Sales tax	\$ 4,456,782 821,741
L.E.A.C.: Fuel Recovery	7,282,381
Total	\$ 12,560,904
Projected Decrease from 2015	 (3,761,574)
Projected Percentage Decrease from 2015	-23.05%
Projected growth factor	3.1009%



# Borough of Butler Electric Utility Impact On A 1,000 KWH Residential User Outside of the Borough of Butler

		Ame	ounts for Se	ervice	Rendered	Decrea	ise
	Rates		1/1/2016		4/1/2016	Amount	Percentage
Base charge: 0-15 KWH	\$3.98	\$	3.98	\$	3.98		
16-600 KWH	\$0.039919		23.35		23.35		
600-1,000 KWH	\$0.031831		12.73		12.73		
LEAC (1)	• • • • • • • • • • • • • • • • • • • •		82.56		58.10		
(=)			122.63		98.16		
Sales tax	7.00%		8.58		6.87		
DHIOS WAR		\$	131.21	\$	105.03	 (26.18)	19.95%_
(1) LEAC rate		\$	0.082562		0.058098		





### Energy Resources & Trade LLC

Invoice Number: 00VA7 Invoice Date:

02/06/2015

Payment Date:

02/20/2015

Borough of Butler, NJ One Ace Road Butler, NJ 07405

Account Number: 00439

======== PHYSICAL ELECTRIC SETTLEMENT FOR THE MONTH OF Jan15 ==========

Trade Date	Ticket#	Price	Volume	Market	Location	Amount		
11/20/2014	CKP709	\$ 71.50	-1,488.00	PJMDAY	JCPL	\$ 106,392.00		
12/01/2011	CIV643	\$ 54.97	-9,700.80	BGS	BTLR	\$ 533,252.98		
			-11,188.80MV	VHs		\$639,644.98		
-	Invoice Adjustments TOTAL PAYMENT DUE PSEG ER&T / ( Borough of Butler, NJ ):							

For questions regarding this invoice, please contact

**ER&T** Settlements

ERTSettlements@pseg.com

Fax:

973-623-0328

S.Mathay 973-430-6182

W.Mayer

973-430-6344

D. Lameira 973-430-7050

V.Pitch

973-430-5051

WIRE: JP MORGAN CHASE.

ABA#: 021000021

A/C#: 9102641827

Ref:



### Energy Resources & Trade LLC

Invoice Number: 00VD8 Invoice Date: 03/05/2015

Payment Date: 0

03/20/2015

Borough of Butler, NJ One Ace Road Butler, NJ 07405

Account Number: 00439

Trade Date	Ticket#	Price	Volume	Market	Location	Amount			
11/20/2014	CKP709	\$ 71.50	-1,344.00	PJMDAY	JCPL	\$ 96,096.00			
12/01/2011	CIV643	\$ 54.97	-8,259.20	BGS	BTLR	\$ 454,008.22			
			-9,603.20MW	Hs		\$550,104.22			
·-	Invoice Adjustments  TOTAL PAYMENT DUE PSEG ER&T / ( Borough of Butler, NJ ):								

For questions regarding this invoice, please contact

ER&T Settlements

ERTSettlements@pseg.com Fax: 973-623-0328

Fax: 973-623-0328 S.Mathay 973-430-6182

W.Mayer 973-430-6344 D. Lameira 973-430-7050

D. Lameira 9/3-430-7050 V.Pitch 973-430-5051

WIRE: JP MORGAN CHASE.

ABA#: 021000021 A/C#: 9102641827

Ref: PSEG Energy Resources & Trading LLC



### Energy Resources & Trade LLC

Invoice Number: 00VGE Invoice Date: 04/10/2015

Payment Date:

04/20/2015

Borough of Butler, NJ One Ace Road Butler, NJ 07405

Account Number: 00439

Trade Date	Ticket#	Price	Volume	Market	Location	Amount
12/01/2011	CIV643	\$ 54.97	-7,903.30	BGS	BTLR	\$ 434,444.40
			-7,903.30MW	Hs		\$434,444.40
Invoice Adjustm		; ER&T / ( Borou	igh of Butler, NJ):			0.00 \$ 434,444.40

For questions regarding this invoice, please contact

**ER&T Settlements** 

ERTSettlements@pseg.com

Fax:

973-623-0328

S.Mathay 973-430-6182

W.Mayer 973-430-6344

V.Pitch

D. Lameira 973-430-7050 973-430-5051

WIRE: JP MORGAN CHASE.

ABA#: 021000021

Ref:

A/C#: 9102641827 PSEG Energy Resources & Trading LLC



### Energy Resources & Trade LLC

Invoice Number: 00VLB

Invoice Date:

05/07/2015

Payment Date:

05/20/2015

Borough of Butler, NJ One Ace Road Butler, NJ 07405

Account Number: 00439

Trade Date	Ticket#	Price	Volume	Market	Location	Amount
12/01/2011	CIV643	\$ 54.97	-7,576.00	BGS	BTLR	\$ 416,452.72
			-7,576.00MW	Hs		\$416,452.72
Invoice Adjustm		i ER&T / ( Borou	igh of Butler, NJ):			0.00 \$ 416,452.72

For questions regarding this invoice, please contact

**ER&T** Settlements

ERTSettlements@pseg.com

Fax:

973-623-0328

S.Mathay 973-430-6182

W.Mayer

973-430-6344

D. Lameira 973-430-7050

V.Pitch

973-430-5051

WIRE: JP MORGAN CHASE.

ABA#: 021000021

A/C#: 9102641827 Ref:



### Energy Resources & Trade LLC

Invoice Number: 00VPE Invoice Date: 06/08/2015 Payment Date: 06/22/2015

Borough of Butler, NJ One Ace Road Butler, NJ 07405

Account Number: 00439

Trade Date	Ticket#	Price	Volume	Market	Location	Amount		
12/01/2011	CIV643	\$ 54.97	-7,900.00	BGS	BTLR	\$ 434,263.00		
			-7,900.00MW	Hs		\$434,263.00		
•	Invoice Adjustments TOTAL PAYMENT DUE PSEG ER&T / ( Borough of Butler, NJ ) :							

For questions regarding this invoice, please contact

**ER&T Settlements** 

ERTSettlements@pseg.com

Fax: 973-623-0328

S.Mathay 973-430-6182

W.Mayer 973-430-6344

D. Lameira 973-430-7050

V.Pitch 973-430-5051

WIRE: JP MORGAN CHASE.

ABA#: 021000021 A/C#: 9102641827

Ref: PSEG Energy Resources & Trading LLC



### Energy Resources & Trade LLC

Invoice Number: 00VR6 Invoice Date:

07/09/2015

07/20/2015 Payment Date:

Borough of Butler, NJ One Ace Road Butler, NJ 07405

Account Number: 00439

Trade Date	Ticket#	Price	Volume	Market	Location	Amount
02/01/2012	BXE626	\$ 47.04	-4,987.20	BGS	BTLR	\$ 234,597.89
12/01/2011	BWQ843	\$ 58.30	-4,985.60	BGS	BTLR	\$ 290,660.48
	\$525,258.37					
Invoice Adjustn	0.00 \$ 525,258.37					

For questions regarding this invoice, please contact

**ER&T** Settlements

ERTSettlements@pseg.com

973-623-0328 Fax:

S.Mathay 973-430-6182

973-430-6344 W.Mayer

D. Lameira 973-430-7050

973-430-5051 V.Pitch

WIRE: JP MORGAN CHASE.

ABA#: 021000021 A/C#: 9102641827



### Energy Resources & Trade LLC

Invoice Number: 00VU8
Invoice Date: 08/10/2015
Payment Date: 08/20/2015

Borough of Butler, NJ One Ace Road Butler, NJ 07405

Account Number: 00439

Trade Date	Ticket#	Price	Volume	Market	Location	Amount
02/01/2012	BXE626	\$ 47.04	-6,386.40	BGS	BTLR	\$ 300,416.26
12/01/2011	BWQ843	\$ 58.30	-6,313.60	BGS	BTLR	\$ 368,082.88
	\$668,499.14					
Invoice Adjustn	0.00 \$ 668,499.14					

For questions regarding this invoice, please contact

ER&T Settlements

ERTSettlements@pseg.com Fax: 973-623-0328

S.Mathay 973-430-6182 W.Mayer 973-430-6344 D. Lameira 973-430-7050

V.Pitch 973-430-5051

WIRE: JP MORGAN CHASE.

ABA#: 021000021 A/C#: 9102641827

Ref: PSEG Energy Resources & Trading LLC



### Energy Resources & Trade LLC

Invoice Number: 00VXL Invoice Date: 09/09/2015

Payment Date: 09/21/2015

Borough of Butler, NJ One Ace Road Butler, NJ 07405

Account Number: 00439

Trade Date	Ticket#	Price	Volume	Market	Location	Amount
02/01/2012	BXE626	\$ 47.04	-4,514.40	BGS	BTLR	\$ 212,357.38
12/01/2011	BWQ843	\$ 58.30	-6,559.20	BGS	BTLR	\$ 382,401.36
	\$594,758.74					
Invoice Adjustn	0.00 \$ 594,758.74					

For questions regarding this invoice, please contact

**ER&T** Settlements

ERTSettlements@pseg.com Fax: 973-623-0328

S.Mathay 973-430-6182 W.Mayer 973-430-6344

D. Lameira 973-430-7050 V.Pitch 973-430-5051

WIRE: JP MORGAN CHASE.

ABA#: 021000021 A/C#: 9102641827

Ref: PSEG Energy Resources & Trading LLC



### Energy Resources & Trade LLC

Invoice Number: 00W0S Invoice Date:

10/08/2015

Payment Date:

10/20/2015

Borough of Butler, NJ One Ace Road Butler, NJ 07405

Account Number: 00439

Trade Date	Ticket#	Price	Volume	Market	Location	Amount
02/01/2012	BXE626	\$ 47.04	-4,459.20	BGS	BTLR	\$ 209,760.77
12/01/2011	BWQ843	\$ 58.30	-4,459.20	BGS	BTLR	\$ 259,971.36
	\$469,732.13					
Invoice Adjustn	0.00 \$ 469,732.13					

For questions regarding this invoice, please contact

**ER&T** Settlements

ERTSettlements@pseg.com

973-623-0328 Fax:

S.Mathay 973-430-6182 973-430-6344 W.Mayer

D. Lameira 973-430-7050

973-430-5051 V.Pitch

WIRE: JP MORGAN CHASE.

ABA#: 021000021 A/C#: 9102641827



### Energy Resources & Trade LLC

Invoice Number: 00W3R Invoice Date:

11/09/2015

Payment Date:

11/20/2015

Borough of Butler, NJ One Ace Road Butler, NJ 07405

Account Number: 00439

Trade Date	Ticket#	Price	Volume	Market	Location	Amount
02/01/2012	BXE626	\$ 47.04	-3,915.20	BGS	BTLR	\$ 184,171.01
12/01/2011	BWQ843	\$ 58.30	-3,919.20	BGS	BTLR	\$ 228,489.36
			-7,834.40MW	Hs		\$412,660.37
Invoice Adjustn	0.00 \$ 412,660.37					

For questions regarding this invoice, please contact

**ER&T Settlements** 

ERTSettlements@pseg.com

973-623-0328 Fax: S.Mathay 973-430-6182

W.Mayer 973-430-6344

D. Lameira 973-430-7050 973-430-5051 V.Pitch

WIRE: JP MORGAN CHASE.

ABA#: 021000021 A/C#: 9102641827



### Energy Resources & Trade LLC

Invoice Number: 00W6U Invoice Date: 12/08/2015

Payment Date:

12/21/2015

Borough of Butler, NJ One Ace Road Butler, NJ 07405

Account Number: 00439

======= PHYSICAL ELECTRIC SETTLEMENT FOR THE MONTH OF Nov15 ==========

Trade Date	Ticket#	Price	Volume	Market	Location	Amount
02/01/2012	BXE626	\$ 47.04	-3,948.90	BGS	BTLR	\$ 185,756.26
12/01/2011	BWQ843	\$ 58.30	-3,948.90	BGS	BTLR	\$ 230,220.87
			-7,897.80MW	Hs		\$415,977.13
Invoice Adjustn	0.00 \$ 415,977.13					

For questions regarding this invoice, please contact

**ER&T Settlements** 

ERTSettlements@pseg.com

973-623-0328 Fax:

S.Mathay 973-430-6182 973-430-6344 W.Mayer

D. Lameira 973-430-7050 973-430-5051 V.Pitch

WIRE: JP MORGAN CHASE.

ABA#: 021000021 A/C#: 9102641827



#### Energy Resources & Trade LLC

Invoice Number: 00WA7 Invoice Date: Payment Date: 01/20/2016

01/07/2016

Borough of Butler, NJ One Ace Road Butler, NJ 07405

Account Number: 00439

Trade Date	Ticket#	Price	Volume	Market	Location	Amount
02/01/2012	BXE626	\$ 47.04	-4,808.00	BGS	BTLR	\$ 226,168.32
12/01/2011	BWQ843	\$ 58.30	-4,882.40	BGS	BTLR	\$ 284,643.92
	\$510,812.24					
Invoice Adjustn	0.00 \$ 510,812.24					

For questions regarding this invoice, please contact

ER&T Settlements

ERTSettlements@pseg.com

Fax:

973-623-0328

S.Mathay 973-430-6182

W.Mayer

973-430-6344

D. Lameira 973-430-7050

V.Pitch

973-430-5051

WIRE: JP MORGAN CHASE.

ABA#: 021000021

A/C#: 9102641827 Ref:



EXELON GENERATION COMPANY, LLC

100 CONSTELLATION WAY

SUITE 500

BALTIMORE, MD 21202

Rep Name: Jain, Rohini

Phone: Fax:

Customer: BOROUGH OF BUTLER

1 ACE ROAD

BUTLER, NJ 07405

Rep Name: Phone: Fax:

Statement ID:

BUTLER-00142A

Payment Due Date: 20-Feb-2015 Total Amount Due: 289,890.43 USD

Trada Summary

trade Summary				
5 1-01	Trade Type	Quantity	Amount	
Description		-2.4	448.00	145,802.88
Power / Physical	Sell		419.20	144,087,55
Power / Physical	Sell	-2,6	419.20	1447007100

**Payment Instructions** 

By wire transfer in immediately available federal funds.

Bank:

022000046 **Beneficiary:** EXELON GENERATION COMPANY LLC M&T ABA BANK No.:

Constellation.

Acct No.:

0019190078



EXELON GENERATION COMPANY, LLC

100 CONSTELLATION WAY SUITE 500

BALTIMORE, MD 21202

Rep Name: Jain, Rohini

Phone: Fax:

Customer: BOROUGH OF BUTLER

1 ACE ROAD

BUTLER, NJ 07405

Rep Name: Phone: Fax:

Statement ID:

BUTLER-00143A

Payment Due Date: 20-Mar-2015 Total Amount Due: 247,007.23 USD

Trade Summary

Trade Sulfilliary				
Description	Trade Type	Quantity	Amount	
Description			176.00	129,602.56
Power / Physical	Sell			
	Call	-1.9	971.20 <b>l</b>	117,404.67
Power / Physical	Sell			

Payment Instructions
By wire transfer in immediately available federal funds.

Bank:

BANK No .:

M&T ABA 022000046 Beneficiary: EXELON GENERATION COMPANY LLC

Constellation.

An Exelon Company

Acct No.:

0019190078

EXELON GENERATION COMPANY, LLC

100 CONSTELLATION WAY

SUITE 500

BALTIMORE, MD 21202

Rep Name:Jain, Rohini Phone: Fax:

Customer: BOROUGH OF BUTLER

1 ACE ROAD

BUTLER, NJ 07405

Rep Name: Phone: Fax:

Statement ID:

BUTLER-00144A

Payment Due Date: 20-Apr-2015 Total Amount Due: 237,572.93 USD

**Trade Summary** 

rrade Summary				
D	Trade Type	Quantity	Amount	
Description		-21	12.00	125,790.72
Power / Physical	Sell			
	Sell	-1,8	76.80	111,782.21
Power / Physical	Jen			

**Payment Instructions** 

By wire transfer in immediately available federal funds.

Bank:

M&T ABA 022000046 Beneficiary: BANK No.:

EXELON GENERATION COMPANY LLC

Constellation.

An Exelon Company

Acct No.:

0019190078

EXELON GENERATION COMPANY, LLC

100 CONSTELLATION WAY

SUITE 500

BALTIMORE, MD 21202

Rep Name: Kim, Jiyeon Phone: 610-765-6760

Fax:

Customer: BOROUGH OF BUTLER

1 ACE ROAD

BUTLER, NJ 07405

Rep Name: Phone: Fax:

Statement ID:

BUTLER-00145A

Payment Due Date: 20-May-2015 Total Amount Due: 226,709.19 USD

**Trade Summary** 

Trace Sammery	Trade Type	Quantity	Amount	
Description	Sell		,076.80	123,694.21
Power / Physical			.729.60	103,014.98
Power / Physical	Sell		77	

**Payment Instructions** 

By wire transfer in immediately available federal funds.

Bank:

M&T **ABA** 02200004 BANK **No.:** 

022000046 Beneficiary:

EXELON GENERATION

COMPANY LLC

Constellation.

An Exelon Company

Acct

0019190078

EXELON GENERATION COMPANY, LLC

100 CONSTELLATION WAY

SUITE 500

BALTIMORE, MD 21202

Rep Name: Kim, Jiyeon Phone: 610-765-6760

Fax:

Customer: BOROUGH OF BUTLER

1 ACE ROAD

BUTLER, NJ 07405

Rep Name: Phone: Fax:

Statement ID:

BUTLER-00147A

Payment Due Date: 22-Jun-2015 Total Amount Due: 237,477.63 USD

### **Trade Summary**

	Trade Type	Quantity	Amount	
Description	Sell	-2	2,035.20	121,216.51
Power / Physical	Sell	-1	1,952.00	116,261.12
Power / Physical	Dell		· · · · · · · · · · · · · · · · ·	

**Payment Instructions** 

By wire transfer in immediately available federal funds.

Bank:

M&T ABA BANK No.: 022000046 Beneficiary: EXELON GENER COMPANY LLC

EXELON GENERATION

Constellation.

An Exelon Company

Acct No.: 0019190078

EXELON GENERATION COMPANY, LLC

100 CONSTELLATION WAY SUITE 500

BALTIMORE, MD 21202

Rep Name: Kim, Jiyeon Phone: 610-765-6760 Phone:

Customer: BOROUGH OF BUTLER

1 ACE ROAD

BUTLER, NJ 07405

Rep Name: Phone: Fax:

Statement ID:

BUTLER-00148A

Payment Due Date: 20-Jul-2015 Total Amount Due: 249,130.43 USD

#### Trade Summary

Description         Trade Type         Quantity         Amount           Power / Physical         Sell         -2,851.20         142,474.46           Power / Physical         Sell         -2,134.40         106,655.97	rade damma,			F- 1
Power / Physical Sell -2,851.20 142,474.46 20,100 106,655.97	No. of the last of	Trade Type	Quantity	
Power / Physical Sell -2,134.40 106,655.97	Description		-2.851.20	142,474.46
[Coll   20/±0-11-10]	Power / Physical	Sell		100 000 000
	Power / Physical	Sell	-2,134.40	100,033.37

**Payment Instructions** 

By wire transfer in immediately available federal funds.

Bank:

M&T ABA BANK No.:

022000046 Beneficiary:

EXELON GENERATION

Constellation.

An Exelon Company

COMPANY LLC

Acct No.:

0019190078

EXELON GENERATION COMPANY, LLC 100 CONSTELLATION WAY SUITE 500 BALTIMORE ,MD 21202

Rep Name: Judge, Larysa Phone:

Fax:

Customer: BOROUGH OF BUTLER 1 ACE ROAD BUTLER , NJ 07405

Rep Name: BRIAN VAYADA Phone: 610-372-8500

Fax:

Payment Due Date: 20 - Aug - 2015
Total Amount Due: 315,490.59 USD

#### Trade Summary

Trade Summary		and a superior of the superior	3-3	
Power / Physical	Trade Type Sell Sell	Quantity -3,606.40 -2,707.20	105 370 70	
Zananary				

Payment Instructions
By wire transfer in immediately available federal funds.

Bank:

M&T BANK ABA No.:

022000046

Beneficiary:

EXELON GENERATION COMPANY LLC

Constellation

Acct No.:

0019190078

EXELON GENERATION COMPANY, LLC 100 CONSTELLATION WAY SUITE 500 BALTIMORE ,MD 21202

Rep Name: Judge, Larysa Phone: 410-470-5250 Phone: Fax:

Customer: BOROUGH OF BUTLER 1 ACE ROAD BUTLER , NJ 07405

Rep Name: BRIAN VAYADA Phone: 610-372-8500 Phone: Fax:

Statement ID: BUTLER-00151A
Payment Due Date: 21-Sep-2015
Total Amount Due: 327,763.23 USD

Trade Summary		3	
	Trade Type Quantity	Amount	
Description		327,763.23	
	-6,559.20		
D / Dh. sicol	Sell	<u></u>	
Power / Physical			

Payment Instructions
By wire transfer in immediately available federal funds.
Bank: M&T BANK ABA

M&T BANK ABA No.:

022000046

EXELON GENERATION COMPANY LLC Beneficiary:

Constellation.

Acct No.:

0019190078

EXELON GENERATION COMPANY, LLC 100 CONSTELLATION WAY SUITE 500 BALTIMORE , MD 21202

Rep Name: Judge, Larysa Phone: 410-470-5250

Customer: BOROUGH OF BUTLER 1 ACE ROAD BUTLER , NJ 07405

Rep Name: BRIAN VAYADA Phone: 610-372-8500 Phone:

Statement ID: BUTLER-00152A
Payment Due Date: 20-Oct-2015
Total Amount Due: 222,826.22 USD

Trade Summary		unanterana antana a	***************************************
francostitionamentalianamentalian piotionistalian de accidentalian de accidentalian de accidentalian de la comp	Trade Type	Quantity	Amount
Description	grrade rype	-2,385.60	119,208.43
Power / Physical	Sell	-2,363.00	
Power / Physical	}	-2.073.60	103,617.79
Power / Physical	[Sell ]		Contractor constitution contraction distribution of the contraction of

**Payment Instructions** 

By wire transfer in immediately available federal funds.

Bank: M&T BANK ARA

M&T BANK ABA No.:

022000046

Beneficiary:

EXELON GENERATION COMPANY LLC

Constellation.

Acct No.:

0019190078

EXELON GENERATION COMPANY, LLC 100 CONSTELLATION WAY SUITE 500 BALTIMORE , MD 21202

Rep Name: Judge, Larysa Phone: 410-470-5250

Fax:

Customer: BOROUGH OF BUTLER 1 ACE ROAD BUTLER , NJ 07405

Rep Name: BRIAN VAYADA Phone: 610-372-8500

Fax:

Statement ID: BUTLER-00153A
Payment Due Date: 20 -Nov-2015
Total Amount Due: 195,842.43 USD

Trade Summary		and the second s	
	Qua.	antity	Amount
D Jahlan	Trade Type Qua	ittity	
Description	Quantitation and the contraction of the contraction	-2,076.80	103,777.70
	Sell	2,070.00	
Power / Physical		-1,842,40	92,064.73
	Sell	-1,042.40	and the second s
Power / Physical	32611	dividentalisti (francisco de la constitución de la constitución de la constitución de la constitución de la co	

**Payment Instructions** 

By wire transfer in immediately available federal funds.

Bank: M&T BANK ABA

M&T BANK ABA No.:

Beneficiary:

022000046

EXELON GENERATION COMPANY LLC

Constellation

Acct No.:

0019190078

EXELON GENERATION COMPANY, LLC

100 CONSTELLATION WAY

SUITE 500

BALTIMORE, MD 21202

Rep Name:Judge, Larysa Phone: 410-470-5250 Fax:

Customer: BOROUGH OF BUTLER

1 ACE ROAD

BUTLER, NJ 07405

Rep Name: BRIAN VAYADA Phone: 610-372-8500

Fax:

Statement ID:

BUTLER-00155A

Payment Due Date: 21-Dec-2015

Total Amount Due: 197,326.53 USD

**Trade Summary** 

	Trade Type	Quantity	Amount	
Description		1,000	984.00	99,140.48
Power / Physical	Sell		964.90	98,186.05
Power / Physical	Sell		,904,90	50/200.00

**Payment Instructions** 

By wire transfer in immediately available federal funds.

Bank:

ABA M&T 022000046 Beneficiary: BANK No.:

EXELON GENERATION COMPANY LLC

Constellation

An Exclon Company

Acct 0019190078 No.:

EXELON GENERATION COMPANY, LLC 100 CONSTELLATION WAY SUITE 500 BALTIMORE ,MD 21202

Rep Name: Judge, Larysa Phone: 410-470-5250

Customer: BOROUGH OF BUTLER 1 ACE ROAD BUTLER , NJ 07405

Rep Name: BRIAN VAYADA Phone: 610-372-8500

Fax:

Statement ID: BUTLER-00156A
Payment Due Date: 20-Jan-2016
Total Amount Due: 243,973.53 USD

Iraue Sullillary		manual and a superior	f*************************************	
Description Power / Physical Power / Physical	Trade Type Sell [Sell			

**Payment Instructions** 

By wire transfer in immediately available federal funds.

Bank: M&T BANK ABA No.:

022000046

EXELON GENERATION COMPANY LLC Beneficiary:

Constellation

Acct No.:

0019190078



INVOICE NUMBER:

2015013121578

CUSTOMER ACCOUNT:

Borough of Butler, Butler Electric Division

**CUSTOMER IDENTIFIERS:** 

BBTLR (21578)

FINAL BILLING STATEMENT ISSUED: 02/06/2015 08:47:15

**BILLING PERIOD:** 

01/01/2015 to 01/31/2015

**Monthly Billing Total:** 

\$256,014.31

Previous Weekly Billing Total:

\$181,380.14

# Monthly Billing Statement Summary

Total

Total Net Charge. Please Pay This Amount.

\$74,634.17

TERMS:

PAYABLE IN FULL BY 12:00 PM EPT ON 02/13/2015

WIRE TRANSFER FUNDS TO:

PJM SETTLEMENT, INC.

PNC Bank, N.A. Pittsburgh, PA

ABA NUMBER 031207607

**ACCOUNT NUMBER - 8026557495** 

FOR INQUIRIES CONTACT:

PJM MEMBER RELATIONS (Banking / Payment):

custsvc@pjm.com

(866) 400-8980

PJM MARKET SETTLEMENTS (Billing Line Items):

mrkt\_settlement\_ops@pjm.com (866) 400-8980

ADDITIONAL BILLING STATEMENT INFORMATION:

\*\*\*This cover page includes PJM Settlement, Inc. banking information that is NOT to be publicly shared. In order to reduce the risk of potential fraud, please redact any PJM Settlement banking information prior to including these billing statements in any public documents.\*\*\*

**David Budney** 



**INVOICE NUMBER:** 

2015022821578

**CUSTOMER ACCOUNT:** 

Borough of Butler, Butler Electric Division

**CUSTOMER IDENTIFIERS:** 

BBTLR (21578)

FINAL BILLING STATEMENT ISSUED: 03/06/2015 09:25:57

**BILLING PERIOD:** 

02/01/2015 to 02/28/2015

Monthly Billing Total:

\$315,902.97

**Previous Weekly Billing Total:** 

\$219,700.06

**Monthly Billing Statement Summary** 

Total

Total Net Charge. Please Pay This Amount.

\$96,202.91

TERMS:

PAYABLE IN FULL BY 12:00 PM EPT ON 03/13/2015

**WIRE TRANSFER FUNDS TO:** 

PJM SETTLEMENT, INC.

PNC Bank, N.A. Pittsburgh, PA

**ABA NUMBER 031207607** 

**ACCOUNT NUMBER - 8026557495** 

FOR INQUIRIES CONTACT:

PJM MEMBER RELATIONS (Banking / Payment):

custsvc@pjm.com

(866) 400-8980

PJM MARKET SETTLEMENTS (Billing Line Items):

mrkt\_settlement\_ops@pjm.com (866) 400-8980

ADDITIONAL BILLING STATEMENT INFORMATION:

**David Budney** 

<sup>\*\*\*</sup>This cover page includes PJM Settlement, Inc. banking information that is NOT to be publicly shared. In order to reduce the risk of potential fraud, please redact any PJM Settlement banking information prior to including these billing statements in any public documents.\*\*\*



INVOICE NUMBER:

2015033121578

**CUSTOMER ACCOUNT:** 

Borough of Butler, Butler Electric Division

**CUSTOMER IDENTIFIERS:** 

BBTLR (21578)

FINAL BILLING STATEMENT ISSUED: 04/07/2015 08:40:29

**BILLING PERIOD:** 

03/01/2015 to 03/31/2015

Monthly Billing Total:

\$376,620.83

**Previous Weekly Billing Total:** 

\$260,344.93

Monthly Billing Statement Summary

Total

Total Net Charge. Please Pay This Amount.

\$116,275.90

TERMS:

PAYABLE IN FULL BY 12:00 PM EPT ON 04/10/2015

WIRE TRANSFER FUNDS TO:

PJM SETTLEMENT, INC.

PNC Bank, N.A. Pittsburgh, PA

ABA NUMBER 031207607

**ACCOUNT NUMBER - 8026557495** 

FOR INQUIRIES CONTACT:

PJM MEMBER RELATIONS (Banking / Payment):

custsvc@pjm.com

(866) 400-8980

PJM MARKET SETTLEMENTS (Billing Line Items):

mrkt\_settlement\_ops@pjm.com (866) 400-8980

ADDITIONAL BILLING STATEMENT INFORMATION:

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**David Budney** 



**INVOICE NUMBER:** 

2015043021578

**CUSTOMER ACCOUNT:** 

Borough of Butler, Butler Electric Division

**CUSTOMER IDENTIFIERS:** 

BBTLR (21578)

FINAL BILLING STATEMENT ISSUED: 05/07/2015 09:07:25

**BILLING PERIOD:** 

04/01/2015 to 04/30/2015

Monthly Billing Total:

\$300,439.98

**Previous Weekly Billing Total:** 

\$240,988.47

Monthly Billing Statement Summary

Total

Total Net Charge. Please Pay This Amount.

\$59,451.51

TERMS:

PAYABLE IN FULL BY 12:00 PM EPT ON 05/15/2015

WIRE TRANSFER FUNDS TO:

PJM SETTLEMENT, INC.

PNC Bank, N.A. Pittsburgh, PA

ABA NUMBER 031207607

ACCOUNT NUMBER - 8026557495

FOR INQUIRIES CONTACT:

PJM MEMBER RELATIONS (Banking / Payment):

custsvc@pjm.com

(866) 400-8980

PJM MARKET SETTLEMENTS (Billing Line Items): mrkt\_settlement\_ops@pjm.com (866) 400-8980

ADDITIONAL BILLING STATEMENT INFORMATION:

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**David Budney** 



INVOICE NUMBER:

2015053121578

**CUSTOMER ACCOUNT:** 

Borough of Butler, Butler Electric Division

**CUSTOMER IDENTIFIERS:** 

BBTLR (21578)

FINAL BILLING STATEMENT ISSUED: 06/05/2015 12:24:35

**BILLING PERIOD:** 

05/01/2015 to 05/31/2015

Monthly Billing Total:

\$408,969.00

**Previous Weekly Billing Total:** 

\$278,803.51

**Monthly Billing Statement Summary** 

Total

Total Net Charge. Please Pay This Amount.

\$130,165.49

TERMS:

PAYABLE IN FULL BY 12:00 PM EPT ON 06/12/2015

WIRE TRANSFER FUNDS TO:

PJM SETTLEMENT, INC.

PNC Bank, N.A. Pittsburgh, PA

ABA NUMBER 031207607

ACCOUNT NUMBER - 8026557495

FOR INQUIRIES CONTACT:

PJM MEMBER RELATIONS (Banking / Payment):

custsvc@pjm.com

(866) 400-8980

PJM MARKET SETTLEMENTS (Billing Line Items):

mrkt\_settlement\_ops@pjm.com (866) 400-8980

ADDITIONAL BILLING STATEMENT INFORMATION:

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**David Budney** 



INVOICE NUMBER:

2015063021578

**CUSTOMER ACCOUNT:** 

Borough of Butler, Butler Electric Division

**CUSTOMER IDENTIFIERS:** 

BBTLR (21578)

FINAL BILLING STATEMENT ISSUED: 07/08/2015 09:03:00

**BILLING PERIOD:** 

06/01/2015 to 06/30/2015

Monthly Billing Total:

\$409,950.00

**Previous Weekly Billing Total:** 

\$280,455.45

Monthly Billing Statement Summary

Total

Total Net Charge. Please Pay This Amount.

\$129,494.55

TERMS:

PAYABLE IN FULL BY 12:00 PM EPT ON 07/17/2015

WIRE TRANSFER FUNDS TO:

PJM SETTLEMENT, INC.

PNC Bank, N.A. Pittsburgh, PA

ABA NUMBER 031207607

ACCOUNT NUMBER - 8026557495

FOR INQUIRIES CONTACT:

PJM MEMBER RELATIONS (Banking / Payment):

custsvc@pjm.com

(866) 400-8980

PJM MARKET SETTLEMENTS (Billing Line Items):

mrkt\_settlement\_ops@pjm.com (866) 400-8980

ADDITIONAL BILLING STATEMENT INFORMATION:

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**David Budney** 



INVOICE NUMBER:

2015073121578

**CUSTOMER ACCOUNT:** 

Borough of Butler, Butler Electric Division

**CUSTOMER IDENTIFIERS:** 

BBTLR (21578)

FINAL BILLING STATEMENT ISSUED: 08/07/2015 09:19:28

**BILLING PERIOD:** 

07/01/2015 to 07/31/2015

Monthly Billing Total:

\$450,961.36

**Previous Weekly Billing Total:** 

\$342,526.13

Monthly Billing Statement Summary

Total

Total Net Charge. Please Pay This Amount.

\$108,435.23

TERMS:

PAYABLE IN FULL BY 12:00 PM EPT ON 08/14/2015

WIRE TRANSFER FUNDS TO:

PJM SETTLEMENT, INC.

PNC Bank, N.A. Pittsburgh, PA

**ABA NUMBER 031207607** 

**ACCOUNT NUMBER - 8026557495** 

FOR INQUIRIES CONTACT:

PJM MEMBER RELATIONS (Banking / Payment):

custsvc@pjm.com

(866) 400-8980

PJM MARKET SETTLEMENTS (Billing Line Items): mrkt\_settlement\_ops@pjm.com (866) 400-8980

ADDITIONAL BILLING STATEMENT INFORMATION:

\*\*\*This cover page includes PJM Settlement, Inc. banking information that is NOT to be publicly shared. In order to reduce the risk of potential fraud, please redact any PJM Settlement banking information prior to including these billing statements in any public documents.\*\*\*

**David Budney** 



INVOICE NUMBER:

2015083121578

**CUSTOMER ACCOUNT:** 

Borough of Butler, Butler Electric Division

**CUSTOMER IDENTIFIERS:** 

BBTLR (21578)

FINAL BILLING STATEMENT ISSUED: 09/08/2015 08:52:36

**BILLING PERIOD:** 

08/01/2015 to 08/31/2015

Monthly Billing Total:

\$433,562.55

**Previous Weekly Billing Total:** 

\$306,211.67

Monthly Billing Statement Summary

Total

Total Net Charge. Please Pay This Amount.

\$127,350.88

TERMS:

PAYABLE IN FULL BY 12:00 PM EPT ON 09/11/2015

WIRE TRANSFER FUNDS TO:

PJM SETTLEMENT, INC.

PNC Bank, N.A. Pittsburgh, PA

ABA NUMBER 031207607

**ACCOUNT NUMBER - 8026557495** 

FOR INQUIRIES CONTACT:

PJM MEMBER RELATIONS (Banking / Payment):

custsvc@pjm.com

(866) 400-8980

PJM MARKET SETTLEMENTS (Billing Line Items):

mrkt\_settlement\_ops@pjm.com (866) 400-8980

ADDITIONAL BILLING STATEMENT INFORMATION:

\*\*\*This cover page includes PJM Settlement, Inc. banking information that is NOT to be publicly shared. In order to reduce the risk of potential fraud, please redact any PJM Settlement banking information prior to including these billing statements in any public documents.\*\*\*

**David Budney** 



INVOICE NUMBER:

2015093021578

**CUSTOMER ACCOUNT:** 

Borough of Butler, Butler Electric Division

**CUSTOMER IDENTIFIERS:** 

BBTLR (21578)

FINAL BILLING STATEMENT ISSUED: 10/07/2015 10:54:16

**BILLING PERIOD:** 

09/01/2015 to 09/30/2015

Monthly Billing Total:

\$476,360.96

**Previous Weekly Billing Total:** 

\$324,846.36

Monthly Billing Statement Summary

Total

Total Net Charge. Please Pay This Amount.

\$151,514.60

TERMS:

PAYABLE IN FULL BY 12:00 PM EPT ON 10/16/2015

WIRE TRANSFER FUNDS TO:

PJM SETTLEMENT, INC.

PNC Bank, N.A. Pittsburgh, PA

ABA NUMBER 031207607

ACCOUNT NUMBER - 8026557495

FOR INQUIRIES CONTACT:

PJM MEMBER RELATIONS (Banking / Payment):

custsvc@pjm.com

(866) 400-8980

PJM MARKET SETTLEMENTS (Billing Line Items): mrkt\_settlement\_ops@pjm.com (866) 400-8980

## ADDITIONAL BILLING STATEMENT INFORMATION:

Payment to all credited parties will be initiated by 05:00 PM EPT on the fourth business day following issuance of the invoice.

\*\*\*This cover page includes PJM Settlement, Inc. banking information that is NOT to be publicly shared. In order to reduce the risk of potential fraud, please redact any PJM Settlement banking information prior to including these billing statements in any public documents.\*\*\*

**David Budney** 



INVOICE NUMBER:

2015103121578

**CUSTOMER ACCOUNT:** 

Borough of Butler, Butler Electric Division

**CUSTOMER IDENTIFIERS:** 

BBTLR (21578)

FINAL BILLING STATEMENT ISSUED: 11/06/2015 09:28:16

**BILLING PERIOD:** 

10/01/2015 to 10/31/2015

Monthly Billing Total:

**Previous Weekly Billing Total:** 

\$369,282.46

\$279,962.55

Monthly Billing Statement Summary

Total

Total Net Charge. Please Pay This Amount.

\$89,319.91

TERMS:

PAYABLE IN FULL BY 12:00 PM EPT ON 11/13/2015

WIRE TRANSFER FUNDS TO:

PJM SETTLEMENT, INC.

PNC Bank, N.A. Pittsburgh, PA

ABA NUMBER 031207607

ACCOUNT NUMBER - 8026557495

FOR INQUIRIES CONTACT:

PJM MEMBER RELATIONS (Banking / Payment):

custsvc@pjm.com

(866) 400-8980

PJM MARKET SETTLEMENTS (Billing Line Items):

mrkt\_settlement\_ops@pjm.com (866) 400-8980

ADDITIONAL BILLING STATEMENT INFORMATION:

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**David Budney** 



**INVOICE NUMBER:** 

2015113021578

**CUSTOMER ACCOUNT:** 

Borough of Butler, Butler Electric Division

**CUSTOMER IDENTIFIERS:** 

BBTLR (21578)

FINAL BILLING STATEMENT ISSUED: 12/07/2015 09:21:16

**BILLING PERIOD:** 

11/01/2015 to 11/30/2015

Monthly Billing Total:

\$358,824.12

**Previous Weekly Billing Total:** 

\$246,200.79

Monthly Billing Statement Summary

Total

Total Net Charge. Please Pay This Amount.

\$112,623.33

TERMS:

PAYABLE IN FULL BY 12:00 PM EPT ON 12/11/2015

WIRE TRANSFER FUNDS TO:

PJM SETTLEMENT, INC.

PNC Bank, N.A. Pittsburgh, PA

ABA NUMBER 031207607

ACCOUNT NUMBER - 8026557495

FOR INQUIRIES CONTACT:

PJM MEMBER RELATIONS (Banking / Payment):

custsvc@pjm.com

(866) 400-8980

PJM MARKET SETTLEMENTS (Billing Line Items):

mrkt\_settlement\_ops@pjm.com (866) 400-8980

ADDITIONAL BILLING STATEMENT INFORMATION:

\*\*\*This cover page includes PJM Settlement, Inc. banking information that is NOT to be publicly shared. In order to reduce the risk of potential fraud, please redact any PJM Settlement banking information prior to including these billing statements in any public documents.\*\*\*

**David Budney** 



PJM Settlement, Inc. 2750 Monroe Blvd. Audubon, PA 19403

**INVOICE NUMBER:** 

2015123121578

**CUSTOMER ACCOUNT:** 

Borough of Butler, Butler Electric Division

**CUSTOMER IDENTIFIERS:** 

BBTLR (21578)

FINAL BILLING STATEMENT ISSUED: 01/08/2016 09:12:58

**BILLING PERIOD:** 

12/01/2015 to 12/31/2015

Monthly Billing Total:

\$340,997.85

**Previous Weekly Billing Total:** 

\$277,188.93

Monthly Billing Statement Summary

Total

Total Net Charge. Please Pay This Amount.

\$63,808.92

TERMS:

PAYABLE IN FULL BY 12:00 PM EPT ON 01/15/2016

WIRE TRANSFER FUNDS TO:

PJM SETTLEMENT, INC.

PNC Bank, N.A. Pittsburgh, PA

ABA NUMBER 031207607

**ACCOUNT NUMBER - 8026557495** 

FOR INQUIRIES CONTACT:

PJM MEMBER RELATIONS (Banking / Payment):

custsvc@pjm.com

(866) 400-8980

PJM MARKET SETTLEMENTS (Billing Line Items):

mrkt\_settlement\_ops@pjm.com (866) 400-8980

ADDITIONAL BILLING STATEMENT INFORMATION:

\*\*\*This cover page includes PJM Settlement, Inc. banking information that is NOT to be publicly shared. In order to reduce the risk of potential fraud, please redact any PJM Settlement banking information prior to including these billing statements in any public documents.\*\*\*

**David Budney** 

Manager, PJM Market Settlements

Vineland, NJ	08362-1508		
	Date:	02/12/15	
lamas Lampmana	Date.		_
James Lampmann Borough of Butler			
One Ace Road			
Butler, New Jersey 07405			
	Due Date:	March 2, 2015	
Proportionate share of the NYPA	billing for	,	
demand, energy and transmission	service to		
the New York/New Jersey border for	the month		#04 E40 08
of January 2015			\$21,510.96
Amount due for services as per statements atta	ached.		
CLAIMANT'S CERTIFICATION AND D	DECLARATION		
I do solemnly declare and certify under the	nonsities of	the law that the within bill is	correct
the orticle have hear the orticle have hear I	urnished or	SELVICES ICHINCHEN NO SINION	11 (4 ) 4 (1 - 1)
claimant in connection with the above claim, that	t the amoun	t therein stated is justly due	and
owing; and that the amount is a reasonable one	). /7		
Owing, and that the arround to a reason,	\//	_	
Date: 02/12/15		Execu	ıtive Director
Approved by:	Bill Rece	ived and Checked.	,
	(Data)	Sign	ature
	(Date)	3.9.	
OR ADDRODDIATION CHARGED	OFFICI	ER'S OR EMPLOYERS CER	TIFICATION
ACCOUNT OR APPROPRIATION CHARGED	Having kn	owledge of the facts in the co	ourse of regular
	procedure	s, I certify that the materials	and supplies
	have been	received or the services ren	dered; said
	nertification	n is based on delivery slips a	cknowledged
	by a muni	cipal official or employee or c	other reasonable
	procedure		
	procedure	o,	
Signature			Title or Position
Signatur s			

	Date:	03/16/15	_
James Lampmann Borough of Butler One Ace Road Butler, New Jersey 07405			
	Due Date:	April 1, 2015	
Proportionate share of the NYPA demand, energy and transmission the New York/New Jersey border for of February 2015	the month		\$26,285.59
Amount due for services as per statements atta	RCLARATION		
I do solemnly declare and certify under the in all its particulars; that the articles have been f that no bonus has been given or received by an claimant in connection with the above claim, that owing; and that the amount is a reasonable one Date: 03/16/15  Approved by:	y person or t the amour	persons with the knowledge nt therein stated is justly due	of this
	(Date)	Sign	ature
ACCOUNT OR APPROPRIATION CHARGED	OFFIC Having kn procedure have been	ER'S OR EMPLOYERS CER nowledge of the facts in the co es, I certify that the materials a n received or the services ren on is based on delivery slips a icipal official or employee or o es.	ourse of regular and supplies dered; said icknowledged
Signature			Title or Position

Vineland, NJ 08362-1508	
Date: 04/10/15	
James Lampmann Borough of Butler One Ace Road Butler, Ne	
Due Date: <u>May 1, 2015</u>	_
Proportionate share of the NYPA billing for demand, energy and transmission service to the New York/New Jersey border for the month of March 2015	\$36,047.45
Amount due for services as per statements attached.  CLAIMANT'S CERTIFICATION AND DECLARATION	
I do solemnly declare and certify under the penalties of the law that the within bill is in all its particulars; that the articles have been furnished or services rendered as stated that no bonus has been given or received by any person or persons with the knowledge claimant in connection with the above claim, that the amount therein stated is justly due owing; and that the amount is a reasonable one.  Date: 04/10/15  Exec	of this
ACCOUNT OR APPROPRIATION CHARGED  OFFICER'S OR EMPLOYERS CERTHAVING knowledge of the facts in the comprocedures, I certify that the materials have been received or the services received on delivery slips a by a municipal official or employee or procedures.	ourse of regular and supplies ndered; said acknowledged
Signature	Title or Position

P.O. Box 1508 Vineland, NJ			
Anteigned, tro			
James Lampmann Borough of Butler One Ace Road Butler, New Jersey 07405	Date:	05/12/15	
	Due Date:	June 1, 2015	
Proportionate share of the NYPA demand, energy and transmission the New York/New Jersey border for of April 2015  Amount due for services as per statements attached the company declare and certify under the in all its particulars; that the articles have been for that no bonus has been given or received by any claimant in connection with the above claim, that	ached.  ECLARATION  penalties of urnished or sy person or put the amoun	persons with the knowledge	of this
owing; and that the amount is a reasonable one  Date: 05/12/15			itive Director
Approved by:	Bill Rece	ived and Checked.	
	(Date)	· ·	ature
ACCOUNT OR APPROPRIATION CHARGED	Having knot procedures have been certification	ER'S OR EMPLOYERS CER- owledge of the facts in the co s, I certify that the materials a received or the services rend is based on delivery slips a sipal official or employee or o s.	urse of regular and supplies dered; said cknowledged
Signature			Fitle or Position

Vineland, NJ	08362-1508		
	Date:	06/11/15	
James Lampmann	20.00		
Borough of Butler			
One Ace Road			
Butler, New Jersey 07405			
	Due Date:	July 2015	
The contradiction with adjulate form where			
Proportionate share of the NYPA	billing for	,	
demand, energy and transmission	service to		
the New York/New Jersey border for	the month		\$17,351.01
of May 2015			
Amount due for services as per statements atta	ached.		
CLAIMANT'S CERTIFICATION AND D	ECLARATION		
I do solemnly declare and certify under the in all its particulars; that the articles have been f that no bonus has been given or received by any claimant in connection with the above claim, that owing; and that the amount is a reasonable one Date: 06/11/15  Approved by:	urnished or s y person or p it the amoun	services rendered as stated to persons with the knowledge of therein stated is justly due a Executived and Checked.	of this and ative Director
	(Date)	Sign	ature
ACCOUNT OR APPROPRIATION CHARGED	Having know procedures have been certification	ER'S OR EMPLOYERS CER's owledge of the facts in the co s, I certify that the materials a received or the services render is based on delivery slips a sipal official or employee or o	urse of regular and supplies dered; said cknowledged
Signature			Fitle or Position

· · · · · · · · · · · · · · · · · · ·			
	Date:	07/13/15	
James Lampmann Borough of Butler One Ace Road Butler, New Jersey 07405			
	Due Date:	August 3, 2015	
Proportionate share of the NYPA demand, energy and transmission the New York/New Jersey border for of June 2015  Amount due for services as per statements attace CLAIMANTS CERTIFICATION AND DEMANDED In all its particulars; that the articles have been fut that no bonus has been given or received by any	service to the month ached. DECLARATION penalties of urnished or services or or person or	ersons with the knowledge o	f this
claimant in connection with the above claim, that owing; and that the amount is a reasonable one.  Date: 07/13/15	t the amoun	therein stated is justry due a	nd itive Director
Approved by:	Bill Rece	ived and Checked.	
	(Date)	Sign	ature
ACCOUNT OR APPROPRIATION CHARGED	Having know procedured have been certification	ER'S OR EMPLOYERS CER's owledge of the facts in the cost, I certify that the materials a received or the services render is based on delivery slips actipal official or employee or official or employee or official or employee.	urse of regular nd supplies dered; said cknowledged
Signature			Fitle or Position

Vineland, NJ	08362-1506		
	Date:	08/11/15	
James Lampmann Borough of Butler			_
One Ace Road			
Butler, New Jersey 07405			
· · · · · · · · · · · · · · · · · · ·	Dua Data:	Sontombor 1 2015	
	Due Date:	September 1, 2015	
Proportionate share of the NYPA	billing for		
demand, energy and transmission	service to		
the New York/New Jersey border for	the month		\$20,056.68
of July 215			, ,
Amount due for services as per statements atta	ached.		
CLAIMANT'S CERTIFICATION AND I	DECLARATION		
I do solemnly declare and certify under the in all its particulars; that the articles have been for that no bonus has been given or received by any claimant in connection with the above claim, that owing; and that the amount is a reasonable one Date: 08/11/15	urnished or s y person or p t the amount	ervices rendered as stated treersons with the knowledge of therein stated is justly due a	f this
Approved by:	Bill Rece	ived and Checked.	
	(Date)	Sign	ature
ACCOUNT OR APPROPRIATION CHARGED	Having kno procedures have been certification	R'S OR EMPLOYERS CER's whedge of the facts in the constant of the facts in the constant of the materials at received or the services render is based on delivery slips and ipal official or employee or of the constant of the	urse of regular nd supplies dered; said cknowledged
Signature		7	itle or Position

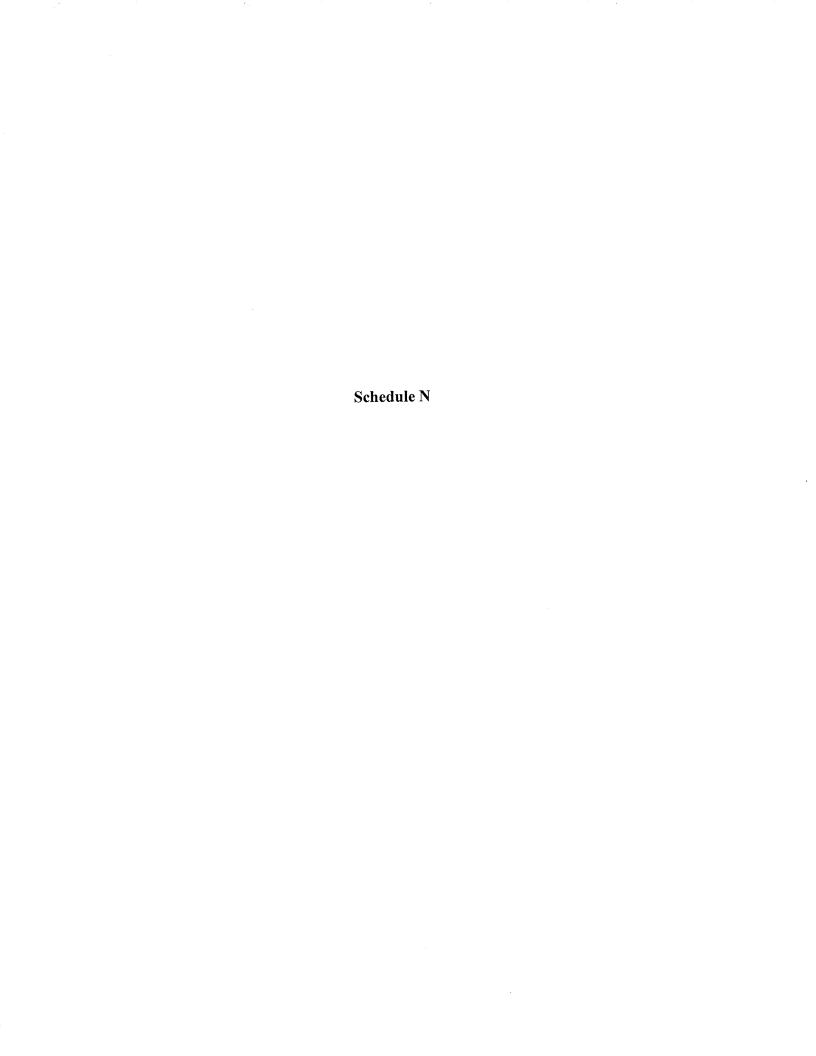
Vilidialia, NO 00002 1000	The state of the s
Date:09/16/15	
James Lampmann	
Borough of Butler	
One Ace Road	
Butler, New Jersey 07405	
Due Date: October 1, 2015	
Due Date. October 1, 2010	
Proportionate share of the NYPA billing for	
demand, energy and transmission service to	
the New York/New Jersey border for the month	\$22,429.68
of August 2015	Ψ22,420.00
A count due for particos as por statements attached	
Amount due for services as per statements attached.  CLAIMANT'S CERTIFICATION AND DECLARATION	
I do solemnly declare and certify under the penalties of the law that the within bill is o	correct
in all its particulars: that the articles have been furnished or services rendered as stated to	iereiri,
that no hange has been given or received by any person or persons with the knowledge of	เ นแร
claimant in connection with the above claim, that the amount therein stated is justify due a	na
owing; and that the amount is a reasonable one.	
Evoci	ıtive Director
Date: 09/16/15 Exect	Ilive Director
Approved by:    Bill Received and Checked.	
Approved by:	
(Date) Sign	ature
ACCOUNT OR APPROPRIATION CHARGED OFFICER'S OR EMPLOYERS CER'	TIEICATION
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Having knowledge of the facts in the co	urse or regular
procedures, I certify that the materials a	na supplies
have been received or the services rend	
certification is based on delivery slips a	cknowledged
by a municipal official or employee or of	her reasonable
procedures.	
Л	itle or Position
Signature	เนซ บา คงเนบก

Vineland, NJ	08362-1508		
	Date:	10/16/15	_
James Lampmann Borough of Butler One Ace Road Butler, New Jersey 07405			
	Due Date:	November 2, 2015	
Proportionate share of the NYPA demand, energy and transmission the New York/New Jersey border for of September 2015  Amount due for services as per statements atta	service to the month ached.		\$22,139.07
I do solemnly declare and certify under the in all its particulars; that the articles have been f that no bonus has been given or received by any claimant in connection with the above claim, that owing; and that the amount is a reasonable one Date: 10/16/15	penalties of urnished or s y person or p it the amoun	persons with the knowledge of the therein stated is justly due a	of this
ACCOUNT OR APPROPRIATION CHARGED	Having knot procedured have been certification	ER'S OR EMPLOYERS CER' owledge of the facts in the co s, I certify that the materials a received or the services ren n is based on delivery slips a cipal official or employee or c	ourse of regular and supplies dered; said ocknowledged
Signature			Title or Position

P.O. Box 1508 Vineland, NJ 08362-1508  Date:	-	
James Lampmann Borough of Butler One Ace Road Butler, New Jersey 07405  Due Date: December 1, 2015		
the NYPA billing for		
Proportionate share of the NTT Service to demand, energy and transmission service to the New York/New Jersey border for the month of October 2015	\$22,011.21	
Date: 11/16/15  Bill Received and Checked.	and cutive Director  gnature  RTIFICATION course of regular s and supplies endered; said s acknowledged	
Signature	Title or Position	

	Tinotana, ito			
		Date:	12/16/15	
James Lam	pmann	_ *****		
Borough of	•			•
One Ace Ro				
Butler, New	Jersey 07405			
		Due Defer	December 31, 2015	
		Due Date:	December 31, 2013	
Danada	to chara of the NVDA	hilling for		
	te share of the NYPA lergy and transmission			
the New Yo	rk/New Jersey border for	the month		
	November 2015			\$21,990.68
			!	
	es as per statements att			
C	LAIMANT'S CERTIFICATION AND D	ECLARATION		
امماء مامسام مادا	ore and cartify under the	nenalties of	the law that the within bill is	correct
in all its particulars: the	the articles have been f	urnished or s	services rendered as stated	herein;
that no honus has been	r given or received by an	v person or r	ersons with the knowleage (	or this
claimant in connection	with the above claim, tha	it the amoun	t therein stated is justly due a	and
owing: and that the ame	ount is a reasonable one	. 0		
<b>51111</b> 91 <b>41111</b>	OH	(1)	_	
Date: 12/16/15			Execu	tive Director
		V Dane	ved and Checked.	
Approved by:	$\mathcal{O}($	Bill Recei	ved and Checked.	
		(Date)	Sign	ature
		, ,		
ACCOUNT OR APPRO	PRIATION CHARGED		R'S OR EMPLOYERS CER	i
			wledge of the facts in the co	
			, I certify that the materials a	
		have been	received or the services rene	dered; said
		certification	is based on delivery slips a	cknowledged
· · · · · · · · · · · · · · · · · · ·			ipal official or employee or o	
,		procedures		
		•		
-				itle or Position
	Signature		'	ING OLI OGINOLI

James Lampmann Borough of Butler One Ace Road Butler, New Jersey 07405	Date:	01/15/16	
	Dué Date:	February 1, 2016	
Proportionate share of the NYPA demand, energy and transmission the New York/New Jersey border for December 2015	service to the month		\$26,446.89
Amount due for services as per statements att	ECLARATION		
I do solemnly declare and certify under the in all its particulars; that the articles have been that no bonus has been given or received by an claimant in connection with the above claim, the owing; and that the amount is a reasonable one Date: 01/15/16	rurnished or y person or at the amount	services rendered as stated to persons with the knowledge of the therein stated is justly due a	of this
ACCOUNT OR APPROPRIATION CHARGED	Having kno procedure have been certificatio	ER'S OR EMPLOYERS CERowledge of the facts in the cost, I certify that the materials at received or the services rendered in is based on delivery slips accipal official or employee or o	urse of regular and supplies dered; said cknowledged
Signature		•	Fitle or Position



The Managed Contract approach is a portfolio based process as opposed to a fixed price, full-requirements method.

The municipalities joined together and contracted with American PowerNet to provide procurement advice and wholesale electric procurement services.

Using this process, the municipalities request proposals and purchase blocks of energy from suppliers at various times and quantities to build up a portfolio of contracts for their power requirements.

This approach gives the municipalities the ability to monitor the power supply market and purchase some of the requirements, either on a regular basis OR when there are dips in the wholesale electricity futures prices.

**Butler Electric Energy Purchases as of 3/11/2015** 

Period of Supply	Supplier	Portion of Supply	RFP Date	\$/MWh	
June 2014-May 2015	PSEG Energy Resources & Trade LLC	2/3	12/1/2011	\$54.97	
,	Exelon Generation Company LLC	1/3	11/2/2011	\$59.56	
	PSEG Energy Resources & Trade LLC	Summer Peak	5/19/2014	\$53.43	
	PSEG Energy Resources & Trade LLC	Winter Peak	11/20/2014	\$71.55	Dec 1MW, Jan 2MW, Feb 2MW
June 2015-May 2016	PSEG Energy Resources & Trade LLC	1/3	12/1/2011	\$58.30	
Julie 2013-Ividy 2010	Exelon Generation Company LLC	1/3	1/5/2012	\$49.97	
	PSEG Energy Resources & Trade LLC	1/3	2/1/2012	\$47.04	
June 2016-May 2017	PPL EnergyPlus LLC	1/3	9/24/2012	\$48.55	
	PPL EnergyPlus LLC	1/3	6/28/2012	\$49.10	
	Nextera Energy Power Marketing LLC	1/3	9/4/2013	\$43.34	
June 2017-May 2018	Exelon/Constellation Generation Company LLC	1/3	5/19/2014	\$52.45	
•	Exelon/Constellation Generation Company LLC	1/3	9/10/2014	\$44.92	
	Exelon/Constellation Generation Company LLC	1/3	3/11/2015	\$41.80	
June 2018-May 2019	Exelon/Constellation Generation Company LLC	1/3	3/11/2015	\$42.62	

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Appendix	Delivery	Borough	Term	Amt that will be covered after purch	Constellation	Exelon	Nextera	PPL	DTE	Noble	PSERT	Min	RFP 11/2/2011 Min	RFP 2/16/2011 Min
APPENDIX B		Butler, Lavallette, Madison, Pemberton, Seaside Heights	June 1, 2014 - May 31, 2015	100% (Butler, Lavallette, Pemberton, Scaside); 66% (Madison)	\$ 57.17	\$ 56.45	\$ 55.59	\$ 56.00	n/a		\$ 54.97	\$ 54.97	\$ 59.56	\$ 57.23
APPENDIX C	JCPL	Madison	June 1, 2014 - May 31, 2015	100% (Madison)	\$ 57.01	\$ 56.29	\$ 55.46	\$ 55.75	n/a	\$ 56.59	\$ 54.84	\$ 54.84		
APPENDIX D		Lavallette, Seaside Heights	June 1, 2014 - May 31, 2015	100% (Lavallette, Seaside) 2x16 only	n/a	\$ 58.17	n/a	n/a	n/a	\$ 58.59	\$ 59.70	\$ 58.17		
APPENDIX E	JCPL	Butler, Lavallette, Madison, Pemberton, Seaside Heights	June 1, 2015 - May 31, 2016	50% (Lavallette, Pemberton, Seaside); 33% (Butler, Madison)	\$ 60.84	\$ 59.26	\$ 58.70	\$ 58.85	n/a	\$ 59.59	\$ 58.30	\$ 58.30		
APPENDIX F	JCPL	Madison	June 1, 2015 - May 31, 2016	66% (Madison)	\$ 60.86	\$ 59.37	\$ 58.66	\$ 58.70	n/a	\$ 59.69	\$ 59.05	\$ 58.66		
APPENDIX G		Milltown, Park Ridge, South River	June 1, 2014 – May 31, 2015	100% (Milltown); 66% (Park Ridge, South River)	\$ 57.74	\$ 56.88	\$ 56.47	\$ 56.75	n/a	\$ 57.09		\$ 55.58	\$ 59.58	\$ 58.96
APPENDIX H	PSEG	Park Ridge	June 1, 2014 - May 31, 2015	66% (Park Ridge)	\$ 58.09	\$ 57.19	\$ 56.72	\$ 56.90	n/a	\$ 57.19	\$ 55.90	\$ 55.90		
APPENDIX I	PSEG	Park Ridge,South River	June 1, 2014 - May 31, 2015	100% (Park Ridge, South River) 2x16 only	n/a	\$ 57.35	n/a	n/a	n/a	\$ 57.34		\$ 57.34		
APPENDIX J	Brinswick	Milltown, South River	June 1, 2014 - May 31, 2015	100% (Milltown); 100% (South River)	n/a	n/a	\$ 56.60	\$ 54.50	n/a	n/a	\$ 54.78	\$ 54.50	\$ 57.82	
APPENDIX K	Hillsdal	Park Ridge	June 1, 2014 May 31, 2015	66% (Park Ridge)	n/a	n/a	\$ 58.36	\$ 60.40	n/a	n/a	\$ 56.40	\$ 56.40		
APPENDIX L	PSEG	Milltown, Park Ridge, South River	June 1, 2015 - May 31, 2016	50% (Milltown); 33% (Park Ridge, South River)	\$ 62.14	\$ 60.11	\$ 60.05	\$ 60.10	n/a	\$ 60.59	\$ 59.63	\$ 59.63		
APPENDIX M	1	Park Ridge	June 1, 2015 - May 31, 2016	33% (Park Ridge)	\$ 62.17	\$ 60.19	\$ 60.05	\$ 60.20	n/a	\$ 60.69	\$ 59.67	\$ 59.67		
APPENDIX N	<del>                                     </del>	Milltown, South River	June 1, 2015 - May 31, 2016	50% (Milltown); 33% (South River)	n/a	n/a	\$ 60.10		n/a	n/a	\$ 58.97	\$ 58.97		
APPENDIX O		Park Ridge	June 1, 2015 - May 31, 2016	33% (Park Ridge)	n/a	n/a	\$ 61.88	\$ 64.15	n/a	n/a	\$ 60.16	\$ 60.16		

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Appendix	Delivery	Borough	Term	Amt that will be covered after purch	Constellation	Exelon	Nextera	PPL	DTE	PSERT	Min	RFP	° 12-1-11
APPENDIX B	JCPL	Lavallette, Seaside Heights	June 1, 2012 - Aug 31, 2012	100% (Lavailette, Seaside) summer on-pk only	\$ 56.40	\$ 54.24	\$ 54.50	\$ 54.50	\$ 57.95	\$ 55.60	\$ 54.24		
APPENDIX C	JCPL	Lavallette, Seaside Heights	June 1, 2013 - Aug 31, 2013	100% (Lavallette, Seaside) summer on-pk only	\$ 60.50	\$ 58.88	\$ 58.65	\$ 58.45	\$61.95	\$ 59.20	\$ 58.45		
APPENDIX D	PSEG	Park Ridge, South River	June 1, 2012 - Aug 31, 2012	100% (Park Ridge, South River) summer on-pk only	\$ 56.85	\$ 55.14	\$ 55.60	\$ 55.50	\$ 58.85	\$ 55.10	\$ 55.10		
APPENDIX E	PSEG	Park Ridge, South River	June 1, 2013 - Aug 31, 2013	100% (Park Ridge, South River) summer on-pk only	\$ 61.25	\$ 60.51	\$ 59.95	\$ 59.95	\$ 63.35	\$ 59.70	\$ 59.70		
APPENDIX F	JCPL	Madison	June 1, 2014 - May 31, 2015	100% (Madison)	\$ 51.13	\$ 47.39	\$ 49.15	\$ 49.70	n/a	\$ 49.55	\$ 47.39	\$	54.97
APPENDIX G	Hillsdal	Park Ridge	June 1, 2014 - May 31, 2015	100% (Park Ridge)	n/a	n/a	\$ 51.90	\$ 57.40	n/a	\$ 51.75	\$ 51.75	\$	56.40
APPENDIX H	JCPL	Butler, Lavallette, Pemberton, Seaside Heights	June 1, 2015 - May 31, 2016	100% (Lavallette, Pemberton, Seaside); 66% (Butler)	\$ 54.80	\$ 49.97	\$ 52.65	\$ 53.10	n/a	\$ 53.05	<b>\$</b> 49.97	\$	58.30
APPENDIX I	JCPL	Madison	June 1, 2015 - May 31, 2016	66% (Madison)	\$ 54.17	\$ 49.73	\$ 52.20	\$ 52.35	n/a	\$ 52.50	\$ 49.73	\$	58.30
APPENDIX J	Hillsdal	Park Ridge	June 1, 2015 - May 31, 2016	66% (Park Ridge)	n/a	n/a	\$ 54.25	\$ 60.15	n/a	\$ 53.90	\$ 53.90	\$	60.16
APPENDIX K	Brinswick	Milltown, South River	June 1, 2015 - May 31, 2016	66% (Milltown, South River)	n/a	n/a	\$ 52.45	\$ 54.05	n/a	\$ 52.90	<b>\$</b> 52.45	\$	58.97

Appendix	Delivery	Borough	Term	Amt that will be covered after purch	Constellation	Exelon	Nextera	PPL	DTE	PSERT	Min	1/5/2012
APPENDIX B		Park Ridge, South River	June 1, 2013 - Aug 31, 2013	100% (Park Ridge, South River) summer on-pk only	\$ 56.15	\$ 56.25	\$ 55.20	\$ 55.20	n/a	\$ 55.98	\$ 55.20	\$ 59.70
APPENDIX C	JCPL	Lavallette, Seaside Heights	June 1, 2015 – Sep 30, 2015; May 1, - May 31, 2016	100% (Lavallette, Seaside) 2x16 only	n/a	\$ 45.38	n/a	n/a	n/a	\$ 53.87	\$ 45.38	n/a
APPENDIX D	PSEG	Park Ridge, South River	June 1, 2015 - Sep 30, 2015; May 1, - May 31, 2016	100% (Park Ridge, South River) 2x16 only	n/a	\$ 45.70	n/a	n/a	n/a	\$ 53.01	\$ 45.70	n/a
APPENDIX E	JCPL	Madison	June 1, 2014 - May 31, 2015	100% (Madison)	\$ 45.65	\$ 45.38	\$ 44.85	\$ 44.90	n/a	\$ 45.22	\$ 44.85	\$ 47.39
APPENDIX F	JCPL	Madison	June 1, 2015 - May 31, 2016	100% (Madison)	\$ 48.30	\$ 49.10	\$ 47.15	\$ 47.10	n/a	\$ 47.09	\$ 47.09	\$ 49.73
APPENDIX G		Butler	June 1, 2015 - May 31, 2016	100% (Butler)	\$ 48.30	\$ 49.11	\$ 47.30	\$ 47.10	n/a	\$ 47.04	\$ 47.04	\$ 49.97
APPENDIX H	Hillsdal	Park Ridge	June 1, 2015 - May 31, 2016	100% (Park Ridge)	n/a	n/a	\$ 50.85	\$ 50.55	n/a_	\$ 50.51	\$ 50.51	\$ 53.90
APPENDIX I		Milltown, South River	June 1, 2015 - May 31, 2016	100% (Milltown, South River)	n/a	n/a	\$ 47.90	\$ 47.55	n/a	\$ 47.98	\$ 47.55	\$ 52.45

Appendix	Delivery	Borough	Term	Amt that will be covered after purch	Constell ation	Exelon	Nextera	PPL	PSERT	Min	June 1, 2015 - May 31, 2016
APPENDIX B	JCPL	Butler, Lavallette, Pemberton, Seaside Heights	June 1, 2016 – May 31, 2017				\$ 50.20	\$ 49.10	\$ 53.14	\$ 49.10	\$ 49.97
APPENDIX C	PSEG	Milltown, Park Ridge, South River	May 31, 2017	Milltown (33%), Park Ridge (33%), South River (33%)			\$ 51.30	\$ 50.20	\$ 53.49	\$ 50.20	127,21
APPENDIX D	Hillsdal	Park Ridge	June 1, 2016 – May 31, 2017	Park Ridge (33%)			\$ 52.30	\$ 51.20	\$ 53.98	\$ 51.20	\$ 50.51
APPENDIX E	Brunswick	Milltown, South River	June 1, 2016 – May 31, 2017	Milltown (33%), South River (33%)			\$ 50.75	\$ 49.65	\$ 52.69	\$ 49.65	\$ 47.55

Appendix	Delivery	Borough	Term	Amt that will be covered after purch	Constellation	DTE	Exelon	Nextera	PPL	PSERT	Min
APPENDIX B	JCPL	Lavallette, Seaside Heights	June 1, 2016 – Sept 30, 2016; May 1, 2017 - May 31, 2017	Lavallette (100%), Seaside Heights (100%)	n/a			n/a	n/a	n/a	\$ -
APPENDIX C	JCPL	Madison	June 1, 2015 – May 31, 2016	Madison (100%)	\$ 46.05			\$ 45.85	\$ 46.00	\$ 46.55	\$ 45.85
APPENDIX D	JCPL	Butler, Lavallette, Pemberton, Seaside Heights	June 1, 2016 – May 31, 2017	Butler (66%), Lavallette (100%), Pemberton (100%), Seaside Heights (100%)	n/a			\$ 48.60	\$ 48.55	n/a	\$ 48.55
APPENDIX E	JCPL	Madison	June 1, 2016 – May 31, 2017	Madison (33%)	n/a			\$ 47.65	\$ 48.00	n/a	\$ 47.65
APPENDIX F	PSEG	Milltown, Park Ridge, South River	June 1, 2016 – May 31, 2017	Milltown (66%), Park Ridge (66%), South River (66%)	n/a			\$ 49.25	\$ 48.90	n/a	\$ 48.90
APPENDIX G	Hillsdal	Park Ridge	June 1, 2016 – May 31, 2017	Park Ridge (66%)	n/a			\$ 51.40	\$ 50.65	n/a	\$ 50.65
APPENDIX E		Milltown, South River	June 1, 2016 - May 31, 2017		n/a			\$ 48.35	\$ 48.30	n/a	\$ 48.30

Annondiv	Delivery	Borough	Term	Amt that will be covered after purch		tellation/Ex elon	Nextera	e planes e	PPL	F	PSERT		DTE
APPENDIX B	JCPL	Lavallette, Seaside	June, 2016 – May, 2017	100%		n/a	 n/a		n/a	\$	50.60		n/a
APPENDIA 6	JUPL		June, 2016 -		1		4		44.00		44.35	_	44.99
APPENDIX C	JCPL	Madison	May, 2017	66%	\$	43.90	\$ 43.76	\$	44.30	\$	44.33	\$	44.33
APPENDIX D	JCPL	Butler	June, 2016 – May, 2017	100%	\$	43.45	\$ 43,34	\$	43.80	\$	43.85	\$	44.61
APPENDIX E	Hillsdal	Park Ridge	June, 2016 – May, 2017	100%		n/a	\$ 46.73	\$	45.25	\$	46.85	\$	46.87
APPENDIX F	Brunswick	Milltown, South River	June, 2016 – May, 2017	100%		n/a	\$ 44.66	\$	44.84	\$	44.90	\$	45.31
APPENDIX G	PSEG	Milltown, South River, Park Ridge	June, 2016 - May, 2017	100%	\$	44.85	\$ 44.71	\$	45.24	\$	45.25	\$	45.89
APPENDIX H	Hillsdal	Park Ridge	June, 2017 May, 2018	66%		n/a	n/a	\$	49.64		n/a	\$	49.46
APPENDIX I	PSEG	Park Ridge	June, 2017 - May, 2018	66%		n/a	n/a	\$	47.29		n/a	\$	45.73

Min	M	ean	Median					
\$ 50.60	\$	50.60	\$	50.60				
\$ 43.76	\$	44.26	\$	44.30				
\$ 43.34	\$	43.81	\$	43.80				
\$ 45.25	\$	46.43	\$	46.79				
\$ 44.66	\$	44.93	\$	44.87				
\$ 44.71	\$	45.19	\$	45.24				
\$ 49.46	\$	49.55	\$	49.55				
\$ 45.73	\$	46.51	\$	46.51				