

STATE OF NEW JERSEY  
BOARD OF PUBLIC UTILITIES

In the Matter of the Application	)	PETITION
of the BOROUGH OF BUTLER for an	)	Docket Nos.
Order Approving a Levelized Energy	)	BPU:
Adjustment Clause (L.E.A.C.) for	)	OAL:
April 1, 2020 to June 30, 2020	)	PETITION

TO: THE HONORABLE BOARD OF  
PUBLIC UTILITY COMMISSIONERS  
OF THE STATE OF NEW JERSEY

Your Petitioner, the Borough of Butler (hereinafter referred to as "Butler Electric"), respectfully says that:

1. Petitioner is a Municipal Corporation of the County of Morris and State of New Jersey with offices located at the Municipal Building, One Ace Road, Butler, New Jersey, 07405.

2. By Order, Docket No. ER 18020090 dated May 5, 2018, it was provided that the Petitioner would continue to implement a L.E.A.C. rate as follows:

(A) Butler Electric will file a petition once every two years for its periodic L.E.A.C. by the Board. Butler Electric filed this Petition on February 1, 2020; therefore the next filing will be due on February 1, 2022.

(B) The Parties agree that the L.E.A.C. cap is \$0.151718 per kilowatt hour.

(C) In addition to the Required Filing Contents outlined in Schedule A of the Company's annual filings, any future

L.E.A.C. Petition must contain the following additional information ("Minimum Filing Requirements"):

- (1) Total annual cost per kwh.
- (2) Total fixed cost per kwh, with reference to contract price.
- (3) Total pass-through costs per kwh, with reference to contract terms.
- (4) Total kwhs purchased.
- (5) The underlying reasoning and assumptions behind the growth factor with schedules demonstrating the derivation of such projections.
- (6) A chart listing the actual total kwh sold, the percentage of kwh sold outside of Butler for each month to the total kwh sold for the last two years.
- (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.
- (8) A detailed calculation of the 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.
- (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.
- (10) The supporting calculations and/or explanations for any changes in the L.E.A.C. methodology since the method used to determine rates in the last filing.

(D) In order to expedite the processing of the Borough's filings, the Parties agree to follow the 3 month schedule for future L.E.A.C. Petitions:

- (1) Butler to file a complete L.E.A.C. Petition with all documents as required by statute. In addition, Butler will file the following documents as set forth in the Required Filing Content and Minimum Filing Requirement by February 1 every two years. A hard copy of the Petition will be filed along with an electronic copy to be sent on February 1. The L.E.A.C. Petition will include a draft public notice. Before publishing the public notice, Butler agrees to circulate to all parties the final public notice for discussion among the parties.
- (2) Any discovery by Staff or Rate Counsel shall be submitted by no later than March 1.
- (3) Responses to discovery shall be supplied by Butler no later than March 15.
- (4) Butler shall circulate a draft Stipulation by no later than April 1.
- (5) Staff will prepare an agenda package prior to the Board's May agenda as long as we have resolution of the issues and a signed Stipulation one week prior to the May agenda deadline for paperwork.

(E) If the schedule is not kept by any Party, or if the Required Filing Contents or Minimum Filing Requirements are incomplete or are not pre-filed with the Petition and provided to the Parties, the Parties recommend that the Board send the matter to the Office of Administrative Law

for expeditious resolution of the matter in the ordinary course.

- (1) A public hearing will be held to correspond to these bi-annual filings.
- (2) The parties will execute a Confidentiality Agreement if requested by Butler.
- (3) Butler must make its revised tariff available for public inspection on its website in accordance with N.J.A.C. 14:3-1.3(h).
- (4) Purchase Power Agreement - When the Company's existing Power Purchase Agreement expires, it will file, along with a copy of the executed agreement, the following information with the Board within one month of execution of new Power Purchase Agreement:
  - (a) A full description of the procurement process;
  - (b) Copies of all Requests for Proposals issued for supply;
  - (c) Copies of all responses to Requests for Proposals;
  - (d) All analyses of bids received;
  - (e) An analyses of the term(s) proposed;
  - (f) An explanation as to how and why the winning bidder was selected, including information on both price and term; and
  - (g) An estimate of power supply costs in each year during the term of the contract.

3. Since the last filing, Petitioner has filed for adjustments of the L.E.A.C. rate which are as follows:

Service Rendered:

- (A) July 1, 2018 - September 30, 2018 - L.E.A.C. rate \$.082595 per KWH.
- (B) October 1, 2018 - December 31, 2018 - L.E.A.C. rate \$.088557 per KWH.
- (C) January 1, 2019 - March 31, 2019 - L.E.A.C. rate \$.087719 per KWH.
- (D) April 1, 2019 - June 30, 2019 - L.E.A.C. rate \$.092343 per KWH.
- (E) July 1, 2019 - September 30, 2019 - L.E.A.C. rate \$.090449 per KWH.
- (F) October 1, 2019 - December 31, 2019 - L.E.A.C. rate \$.088567 per KWH.
- (G) January 1, 2020 - March 31, 2020 - L.E.A.C. rate \$.087989 per KWH.

4. Pursuant to the Order, Docket No. ER03010063, OAL Docket No. PUC 3783-03N, all purchased power costs will be recovered through the L.E.A.C. rate.

5. The Petitioner's auditor has prepared numerous exhibits in support of its request for a new L.E.A.C. rate. Annexed hereto and made a part hereof are the following exhibits:

Schedule A      Summary of Required Filing Contents

Schedule B      Projection of Kilowatt Hours Purchased for the Period  
April 1, 2020 through March 31, 2021

Schedule C-1	Purchased Power Projection for the Period January 1, 2020 through March 31, 2021
Schedule C-2	Managed Contracts Cost Worksheet
Schedule C-3	P.A.S.N.Y. Purchased Power Projection for the Period April 1, 2020 through March 31, 2021
Schedule D	Estimated Purchases, Billed Sales and Loss Factor for the Period April 1, 2020 through March 31, 2021
Schedule D-1	Schedule of Historical Line Losses
Schedule D-2	Monthly Billing Analysis for the Year Ended December 31, 2019
Schedule D-3	Monthly Billing Analysis for the Year Ended December 31, 2018
Schedule E	Summary of Projected Purchased Power Costs and Recoveries for the Period January 1, 2020 through March 31, 2021
Schedule E-1	Schedule of Interest on Over Recoveries for the Year Ended December 31, 2019 and December 31, 2018
Schedule F	Calculation of the Required L.E.A.C. Rate for the Period April 1, 2020 through June 30, 2020
Schedule G	Summary of Purchased Power Costs and Recoveries for the Year Ended December 31, 2019 and 2018
Schedule H	Butler Electric Utility Tariff to be Effective April 1, 2020
Schedule I	Summary of bids received and contracts awarded of the following dates:  02/14/2018 07/09/2018 01/16/2019 05/15/2019 09/18/2019 09/25/2019
Schedule J	Purchased Power Costs for the Year Ended December 31, 2019

Purchased Power Costs for the Year Ended December 31, 2018

Schedule K Gross Operating Billings for the Year Ended December 31, 2019. Estimated Gross Operating Billings for the Year Ended December 31, 2020 and Percentage Change from Previous Year

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

Schedule L-1 Customer Information

Schedule M 2018 and 2019 Paid Power Bills:

Exelon/Constellation  
PSEG  
PJM  
PASNY

**NOW, THEREFORE,** the Petitioner respectfully requests:

(1) That the Board of Public Utilities approve a new L.E.A.C. for the Borough of Butler in the amount of \$0.064945 per KWH for services rendered after April 1, 2020;

(2) That the Board approve of the continuance of the implementation of the L.E.A.C. rate as authorized by the Order of the Board of Public Utilities, Docket No. 16010092 dated May 25, 2016.

(3) That an Order be entered accordingly.

**MURPHY McKEON P.C.**  
**Attorneys for Petitioner,**  
**Borough of Butler**

By: \_\_\_\_\_  
**ROBERT H. OOSTDYK, JR.**

Dated: \_\_\_\_\_, 2020

Person to Whom Communications

Should be Addressed:

ROBERT H. OOSTDYK, JR., ESQ.  
Murphy McKeon P.C.  
51 Route 23 South  
P.O. Box 70  
Riverdale, NJ 07457  
(973) 835-0100




STATE OF NEW JERSEY       )  
                                      : SS  
COUNTY OF MORRIS        )

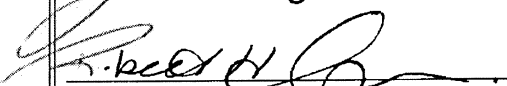
**JAMES LAMPMANN**, of full age, being duly sworn according to law upon his oath, deposes and says:

1. I am the Borough Administrator of the Borough of Butler, the Petitioner herein, and am authorized to make this Affidavit on its behalf.

2. The facts in the foregoing Petition are true and I believe the opinions expressed are correct.

  
\_\_\_\_\_  
JAMES LAMPMANN

Sworn and Subscribed to  
before me this 27<sup>th</sup> day  
of January, 2020.

  
\_\_\_\_\_  
ROBERT H. OOSTDYK, JR.  
An Attorney at Law of NJ

**NOTICE OF PUBLIC HEARING REGARDING  
BOROUGH OF BUTLER'S APPLICATION FOR  
APPROVAL OF A CHANGE IN ITS LEVELIZED  
ENERGY ADJUSTMENT CLAUSE**

**TO THE MUNICIPAL CLERK ADDRESSED AND  
CUSTOMERS OF THE BOROUGH OF BUTLER:**

Please take notice that on \_\_\_\_\_, \_\_\_\_\_ at 6:30 p.m. at the Borough of Butler Municipal Building, One Ace Road, Butler, New Jersey 07405, there will be a public hearing concerning the Borough of Butler's petition filed with the New Jersey Board of Public Utilities ("BPU") on February 1, 2020 for a proposed decrease in its Levelized Energy Adjustment Charge ("LEAC") rate (BPU Docket No. \_\_\_\_\_).

The Borough's petition proposed that the present LEAC rate, which is \$.087989 per kilowatt hour, be decreased to \$.064945 per kilowatt hour (a \$.0023044 per kWh decrease) for all classes of customers. Pursuant to the Borough's petition, the LEAC is adjusted by increasing or decreasing the rate quarterly subject to a rate cap of \$.151718 per kWh. The Borough's petition proposed that the new LEAC rate be in effect for services rendered after April 1, 2020.

Assuming an implementation of the proposed LEAC rate on April 1, 2020, the average bill impact for a residential customer, inclusive of the 6.625% New Jersey Sales and Use Tax, served by the Borough of Butler in Bloomingdale, Riverdale, Kinnelon or West Milford, using the following kilowatt hours, would be as follows:

<u>Customer</u>	<u>Average Monthly Usage (kWh)</u>	<u>Current Rate</u>	<u>Proposed Rate</u>	<u>\$ Decrease</u>	<u>% Decrease</u>
Residential	1,000	\$140.80	\$116.23	(\$24.57)	(17.45%)

Any assistance required by customers at the public hearing will be furnished by the Borough upon request. Please contact James Lampmann at phone number (973) 838-7200 if

special assistance is required at the hearing. Copies of the Petition are available for inspection at the Borough's Municipal Building, One Ace Road, Butler, NJ 07405 and at the New Jersey Board of Public Utilities, 44 South Clinton Avenue, 7<sup>th</sup> Floor, Trenton, NJ 08625.

Interested persons will be permitted to appear and testify or make a statement of their views on the Petition at the public hearing. Interested persons may also send written comments to the Acting Secretary, New Jersey Board of Public Utilities, 44 South Clinton Avenue, 3<sup>rd</sup> Floor, Suite 314, PO Box 350, Trenton, N.J. 08625-0350, whether or not they attend the public hearing. The Borough's petition is available online at: [www.butlerborough.com/Cit-e-Access/webpage.cfm?TID=19&TPID=3621](http://www.butlerborough.com/Cit-e-Access/webpage.cfm?TID=19&TPID=3621)

**Borough of Butler Electric Utility  
L.E.A.C. Rate for Service Rendered  
April 1, 2020 Through June 30, 2020**

**Borough of Butler Electric Utility**  
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<b>Schedule C-1</b>	<b>Purchased Power Projection for the Period January 1, 2020 through March 31, 2021.</b>
<b>Schedule C-2</b>	<b>Managed Contracts Cost Worksheet</b>
<b>Schedule C-3</b>	<b>P.A.S.N.Y. Purchased Power Projection for the Period April 1, 2020 through March 31, 2021.</b>
<b>Schedule D</b>	<b>Estimated Purchases , Billed Sales and Loss Factor for the Period April 1, 2020 through March 31, 2021.</b>
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<b>Schedule E-1</b>	<b>Schedule of Interest on Over Recoveries for the Year Ended December 31, 2019 and December 31, 2018.</b>
<b>Schedule F</b>	<b>Calculation of the Required L.E.A.C. Rate for the Period April 1, 2020 through June 30, 2020.</b>
<b>Schedule G</b>	<b>Summary of Purchased Power Costs and Recoveries for the Years Ended December 31, 2019 and 2018.</b>

**Borough of Butler Electric Utility**  
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<b>Schedule H</b>	<b>Butler Electric Utility Tariff to be Effective April 1, 2020.</b>
<b>Schedule I</b>	<b>Summary of bids received and contracts awarded of the following dates:</b> 2/14/2018 7/9/2018 1/16/2019 5/15/2019 9/18/2019 9/25/2019 Please download at <a href="https://nisivoccia.sharefile.com/share/view/s44d800769dc4a1e8">https://nisivoccia.sharefile.com/share/view/s44d800769dc4a1e8</a> (In order to download you will need Adobe Reader)
<b>Schedule J</b>	<b>Purchased Power Costs for the Year Ended December 31, 2019.</b> <b>Purchased Power Costs for the Year Ended December 31, 2018.</b>
<b>Schedule K</b>	<b>Gross Operating Billings for the Year Ended December 31, 2019.</b> <b>Estimated Gross Operating Billings for the Year Ended December 31, 2020 and Percentage Change from Previous Year.</b>
<b>Schedule L</b>	<b>Impact on 1,000 KWH Residential User Outside of the Borough of Butler.</b>
<b>Schedule L-1</b>	<b>Customer Information</b>
<b>Schedule M</b>	<b>2018 &amp; 2019 Paid Power Bills:</b> Exelon/Constellation PSEG PJM PASNY Please download at <a href="https://nisivoccia.sharefile.com/share/view/s44d800769dc4a1e8">https://nisivoccia.sharefile.com/share/view/s44d800769dc4a1e8</a> (In order to download you will need Adobe Reader)

## **Schedule A**

**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
8. "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
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

## **Schedule B**

**Borough of Butler Electric Utility**  
**Projection of Kilowatt Hours Purchased**  
**For the Period April 1, 2020 through March 31, 2021**

	<u>Other</u>	<u>P.A.S.N.Y.</u>	<u>Total Kilowatt Hours</u>	<u>Percentage of KWH Sales Outside of Butler</u>	<u>Total Kilowatt Hours Outside of Butler</u>
<b>2020:</b>					
April	9,610,928	930,424	10,541,352	67.29%	7,092,994
May	10,707,107	1,143,497	11,850,604	69.30%	8,212,411
June	13,589,642	891,478	14,481,120	72.11%	10,442,537
July	19,474,431	766,191	20,240,622	76.88%	15,561,532
August	16,231,059	897,203	17,128,262	67.10%	11,493,598
September	12,007,579	934,018	12,941,597	66.70%	8,631,764
October	10,141,574	1,067,252	11,208,826	66.23%	7,423,360
November	10,732,052	1,007,832	11,739,884	70.30%	8,253,114
December	12,681,568	1,014,423	13,695,991	72.05%	9,867,897
<b>2021:</b>					
January	13,355,087	830,813	14,185,900	69.92%	9,919,066
February	11,395,412	799,262	12,194,673	68.60%	8,365,901
March	11,504,594	983,147	12,487,741	69.89%	8,727,665
	<u>151,431,032</u>	<u>11,265,540</u>	<u>162,696,572</u>		<u>113,991,839</u>

**Basis of Projection:**

Total kilowatt hours:

Actual from 2019 with a growth factor of :

0.0000%

Percentage of sales outside of Butler - 2019 actual. No material change is expected for the new LEAC period.

**Schedule C**  
**Schedule C-1**  
**Schedule C-2**  
**Schedule C-3**

## Schedule C

**Borough of Butler Electric Utility**  
**Summary of Projected Purchased Power Costs**  
**For the Period April 1, 2020 through March 31, 2021**

	Other	P.A.S.N.Y.	Total	Percentage of KWH Sales Outside of Butler	Total Projected Costs Outside of Butler
<b>2020:</b>					
April	\$952,875	\$11,340	\$964,214	67.29%	\$648,820
May	\$992,600	\$21,504	\$1,014,104	69.30%	\$702,774
June	\$1,082,653	\$28,626	\$1,111,278	72.11%	\$801,343
July	\$1,235,686	\$26,206	\$1,261,892	76.88%	\$970,142
August	\$1,175,993	\$23,191	\$1,199,183	67.10%	\$804,652
September	\$1,029,356	\$20,392	\$1,049,748	66.70%	\$700,182
October	\$965,828	\$21,594	\$987,422	66.23%	\$653,969
November	\$949,156	\$28,387	\$977,542	70.30%	\$687,212
December	\$1,041,902	\$26,641	\$1,068,543	72.05%	\$769,885
<b>2021:</b>					
January	\$1,077,948	\$22,024	\$1,099,972	69.92%	\$769,101
February	\$962,764	\$22,141	\$984,906	68.60%	\$675,645
March	\$983,028	\$18,415	\$1,001,443	69.89%	\$699,908
	<u>\$12,449,788</u>	<u>\$270,460</u>	<u>\$12,720,247</u>		<u>\$8,883,635</u>

**Borough of Butler Electric Utility**  
**Purchased Power Projection**  
**For the Period January 1, 2020 Through March 31, 2021**

	Total KWH	MW	PASNY	Net	Purchase Guarantees	Excess Purchases / (Sales)	Rates:	
2020:								
31 January	14,185,900	56.234	830,813	13,355,087	16,112,000	(2,756,913)	Metered energy:	
29 February	12,194,673	56.234	799,262	11,395,411	14,199,200	(2,803,789)	\$0.03160 per kwh	PSEG Energy Resources (1/1/20-5/31/20)
31 March	12,487,741	56.234	983,147	11,504,594	11,927,300	(422,706)	\$0.03447 per kwh	Exelon /Constellation (1/1/20-5/31/20)
30 April	10,541,352	56.234	930,424	9,610,928	11,382,400	(1,771,472)	\$0.03310 per kwh	Exelon /Constellation (1/1/20-5/31/20)
31 May	11,850,604	56.234	1,143,497	10,707,107	11,887,200	(1,180,093)	\$0.03100 per kwh	Exelon /Constellation (6/1/20-3/31/21)
30 June	14,481,120	56.234	891,478	13,589,642	16,825,600	(3,235,958)	\$0.03060 per kwh	Exelon /Constellation (6/1/20-3/31/21)
31 July	20,240,622	56.234	766,191	19,474,431	20,501,600	(1,027,169)	\$0.03125 per kwh	PSEG Energy Resources (6/1/20-3/31/21)
31 August	17,128,262	56.234	897,203	16,231,059	19,202,400	(2,971,341)		
30 September	12,941,597	56.234	934,018	12,007,579	15,033,600	(3,026,021)		
31 October	11,208,826	56.234	1,067,252	10,141,574	12,074,400	(1,932,826)		
30 November	11,739,884	56.234	1,007,832	10,732,052	11,814,700	(1,082,648)		
31 December	13,695,991	56.234	1,014,423	12,681,568	14,494,400	(1,812,832)		
2021:							\$0.04 per kwh	Excess purchases
31 January	14,185,900	56.234	830,813	13,355,087	15,892,800	(2,537,713)	\$0.010 per kwh	Excess sales
28 February	12,194,673	56.234	799,262	11,395,411	13,782,400	(2,386,989)		
31 March	12,487,741	56.234	983,147	11,504,594	12,244,800	(740,206)		56.234409
30 April				0	0	0	Locational Reliability Charge	56.234409
31 May				0	0	\$225.52000	per MW per day	
30 June				0	0	0	PJM NITS Charge	
31 July				0	0	\$2,921.03	per day	
31 August				0	0	0	Transmission Enhancement Charge	
30 September				0	0	\$1,523.64	per day	
31 October				0	0	0	Transmission Enhancement settlement	
30 November				0	0	0		
31 December				0	0	\$24,448	per month 1/1/20-3/31/21	
	<u>201,564,886</u>	<u>0</u>	<u>13,878,762</u>	<u>187,686,124</u>	<u>217,374,800</u>			

						Network Integration	PJM					Total Projected Purchased	
	Metered Energy	Transmission Enhancement Settlement	Locational Reliability Charges	Transmission Enhancement Charges	Other Supporting Facilities Charges	Transmission Service Charges	Transmission Enhancement Charge	Other Charges (*)	Excess Purchases / (Sales)		Subtotal	PASNY	Power Costs
2020:													
January	\$532,672	\$24,448	\$393,142	\$47,233	\$2,615	\$90,552	\$47,636	\$5,828	(\$27,569)		\$1,116,556	\$22,024	\$1,138,580
February	\$469,437	\$24,448	\$367,778	\$44,186	\$2,615	\$84,710	\$47,636	\$5,828	(\$28,038)		\$1,018,599	\$22,141	\$1,040,740
March	\$394,275	\$24,448	\$393,142	\$47,233	\$2,615	\$90,552	\$47,636	\$5,828	(\$4,227)		\$1,001,501	\$18,415	\$1,019,916
April	\$376,263	\$24,448	\$380,460	\$45,709	\$2,615	\$87,631	\$47,636	\$5,828	(\$17,715)		\$952,875	\$11,340	\$964,215
May	\$392,948	\$24,448	\$393,142	\$47,233	\$2,615	\$90,552	\$47,636	\$5,828	(\$11,801)		\$992,600	\$21,504	\$1,014,104
June	\$520,686	\$24,448	\$380,460	\$45,709	\$2,615	\$87,631	\$47,636	\$5,828	(\$32,360)		\$1,082,653	\$28,626	\$1,111,279
July	\$634,504	\$24,448	\$393,142	\$47,233	\$2,615	\$90,552	\$47,636	\$5,828	(\$10,272)		\$1,235,686	\$26,206	\$1,261,892
August	\$594,253	\$24,448	\$393,142	\$47,233	\$2,615	\$90,552	\$47,636	\$5,828	(\$29,713)		\$1,175,993	\$23,191	\$1,199,184
September	\$465,290	\$24,448	\$380,460	\$45,709	\$2,615	\$87,631	\$47,636	\$5,828	(\$30,260)		\$1,029,356	\$20,392	\$1,049,748
October	\$373,703	\$24,448	\$393,142	\$47,233	\$2,615	\$90,552	\$47,636	\$5,828	(\$19,328)		\$965,828	\$21,594	\$987,422
November	\$365,655	\$24,448	\$380,460	\$45,709	\$2,615	\$87,631	\$47,636	\$5,828	(\$10,826)		\$949,156	\$28,387	\$977,543
December	\$448,577	\$24,448	\$393,142	\$47,233	\$2,615	\$90,552	\$47,636	\$5,828	(\$18,128)		\$1,041,902	\$26,641	\$1,068,543
2021:													
January	\$491,872	\$24,448	\$393,142	\$47,233	\$2,615	\$90,552	\$47,636	\$5,828	(\$25,377)		\$1,077,948	\$22,024	\$1,099,972
February	\$426,561	\$24,448	\$355,096	\$42,662	\$2,615	\$81,789	\$47,636	\$5,828	(\$23,870)		\$962,764	\$22,141	\$984,905
March	\$378,977	\$24,448	\$393,142	\$47,233	\$2,615	\$90,552	\$47,636	\$5,828	(\$7,402)		\$983,028	\$18,415	\$1,001,443
April			\$0						\$0		\$0		\$0
May			\$0						\$0		\$0		\$0
June			\$0						\$0		\$0		\$0
July			\$0						\$0		\$0		\$0
August			\$0						\$0		\$0		\$0
September			\$0						\$0		\$0		\$0
October			\$0						\$0		\$0		\$0
November			\$0						\$0		\$0		\$0
December			\$0						\$0		\$0		\$0
	\$6,865,672	\$366,720	\$5,782,985		\$39,225	\$1,331,990	\$714,540	\$87,420	(\$296,887)	\$0	\$15,586,444	\$333,041	\$15,919,485

Basis of projection: 2019 actual

Usage:

Growth factor:

0.0000%

KWH Billed Outside of Butler:

2019 104,048,371

2018 111,883,063

Decrease (7,834,692) \*

Percentage

Increase 0.0000%

January

February

March

April

May

June

July

August

September

October

November

December

2019

Actual

KWH

14,185,900

12,194,673

12,487,741

10,541,352

11,850,604

14,481,120

20,240,622

17,128,262

12,941,597

11,208,826

11,739,884

13,695,991

162,696,572

\*Other Charges (per month):

Schedule 1A

Schedule 9

Expansion Recovery

Charge

\$1,245

\$4,583

\$5,828

Total cost per kwh

\$0.078979

Total fixed cost per kwh

\$0.034062

Total pass-through costs per

kwh

\$0.044918

Borough of Butler Electric Utility  
Managed Contracts Cost Worksheet  
6/19-5/20

Schedule C-2  
1 of 2

		2020				
		Jan.	Feb.	March	April	May
on peak hours		352	320	352	352	320
off peak hours		392	376	391	368	424
		744	696	743	720	744
<u>PSEG Energy Resources</u>						
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						
on peak		2,534,400	2,176,000	2,112,000	2,076,800	1,952,000
off peak		2,352,000	2,105,600	1,876,800	1,729,600	2,035,200
		4,886,400	4,281,600	3,988,800	3,806,400	3,987,200
Cost	\$ 31.60 (per MWh)					
on peak		\$ 80,087	\$ 68,762	\$ 66,739	\$ 65,627	\$ 61,683
off peak		\$ 74,323	\$ 66,537	\$ 59,307	\$ 54,655	\$ 64,312
		\$ 154,410	\$ 135,299	\$ 126,046	\$ 120,282	\$ 125,996
<u>Exelon/Constellation Energy</u>						
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						
on peak		2,534,400	2,176,000	2,112,000	2,076,800	1,952,000
off peak		2,352,000	2,105,600	1,876,800	1,729,600	2,035,200
		4,886,400	4,281,600	3,988,800	3,806,400	3,987,200
Cost	\$ 34.47 (per MWh)					
on peak		\$ 87,361	\$ 75,007	\$ 72,801	\$ 71,587	\$ 67,285
off peak		\$ 81,073	\$ 72,580	\$ 64,693	\$ 59,619	\$ 70,153
		\$ 168,434	\$ 147,587	\$ 137,494	\$ 131,207	\$ 137,439
<u>Exelon/Constellation Energy</u>						
on peak hours (per MWh per day)		9.1	8.8	6.0	5.9	6.0
off peak hours (per MWh per day)		8	7.5	4.7	4.6	4.7
kwh purchased						
on peak		3,203,200	2,816,000	2,112,000	2,076,800	1,920,000
off peak		3,136,000	2,820,000	1,837,700	1,692,800	1,992,800
		6,339,200	5,636,000	3,949,700	3,769,600	3,912,800
Cost	\$ 33.10 (per MWh)					
on peak		\$ 106,026	\$ 93,210	\$ 69,907	\$ 68,742	\$ 63,552
off peak		\$ 103,802	\$ 93,342	\$ 60,828	\$ 56,032	\$ 65,962
		\$ 209,828	\$ 186,552	\$ 130,735	\$ 124,774	\$ 129,514
<u>Summary</u>						
kwh purchased						
on peak		8,272,000	7,168,000	6,336,000	6,230,400	5,824,000
off peak		7,840,000	7,031,200	5,591,300	5,152,000	6,063,200
		16,112,000	14,199,200	11,927,300	11,382,400	11,887,200
Cost						
on peak		\$ 273,474	\$ 236,978	\$ 209,447	\$ 205,956	\$ 192,521
off peak		\$ 259,198	\$ 232,459	\$ 184,828	\$ 170,306	\$ 200,427
		\$ 532,672	\$ 469,437	\$ 394,275	\$ 376,263	\$ 392,948

**Borough of Butler Electric Utility**  
**Managed Contracts Cost Worksheet**  
**6/20-5/21**

**Schedule C-2**  
**2 of 2**

	2020							2021		
	June	July	August	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
on peak hours	352	368	336	336	352	320	352	320	320	368
off peak hours	368	376	408	384	392	401	392	424	352	375
	720	744	744	720	744	721	744	744	672	743
<b>Exelon/Constellation Energy</b>										
on peak hours (per MWh per day)	8.4	10.3	9.7	7.6	6.2	6.2	7.2	7.4	7.4	6.2
off peak hours (per MWh per day)	6.5	7.8	7.2	6.4	4.7	4.9	5.8	6.7	6.2	4.8
<b>kwh purchased</b>										
on peak	2,956,800	3,790,400	3,259,200	2,553,600	2,182,400	1,984,000	2,534,400	2,368,000	2,368,000	2,281,600
off peak	2,392,000	2,932,800	2,937,600	2,457,600	1,842,400	1,964,900	2,273,600	2,840,800	2,182,400	1,800,000
	5,348,800	6,723,200	6,196,800	5,011,200	4,024,800	3,948,900	4,808,000	5,208,800	4,550,400	4,081,600
<b>Cost \$ 31.00 (per MWh)</b>										
on peak	\$ 91,661	\$ 117,502	\$ 101,035	\$ 79,162	\$ 67,654	\$ 61,504	\$ 78,566	\$ 73,408	\$ 73,408	\$ 70,730
off peak	\$ 74,152	\$ 90,917	\$ 91,066	\$ 76,186	\$ 57,114	\$ 60,912	\$ 70,482	\$ 88,065	\$ 67,654	\$ 55,800
	\$ 165,813	\$ 208,419	\$ 192,101	\$ 155,347	\$ 124,769	\$ 122,416	\$ 149,048	\$ 161,473	\$ 141,062	\$ 126,530
<b>Exelon/Constellation Energy</b>										
on peak hours (per MWh per day)	9.4	10.7	10.7	7.6	6.2	6.2	7.4	7.7	7.5	6.2
off peak hours (per MWh per day)	6.8	7.9	7.3	6.4	4.7	4.9	5.8	6.8	6.3	4.8
<b>kwh purchased</b>										
on peak	3,308,800	3,937,600	3,595,200	2,553,600	2,182,400	1,984,000	2,604,800	2,464,000	2,400,000	2,281,600
off peak	2,502,400	2,970,400	2,978,400	2,457,600	1,842,400	1,964,900	2,273,600	2,883,200	2,217,600	1,800,000
	5,811,200	6,908,000	6,573,600	5,011,200	4,024,800	3,948,900	4,878,400	5,347,200	4,617,600	4,081,600
<b>Cost \$ 30.60 (per MWh)</b>										
on peak	\$ 101,249	\$ 120,491	\$ 110,013	\$ 78,140	\$ 66,781	\$ 60,710	\$ 79,707	\$ 75,398	\$ 73,440	\$ 69,817
off peak	\$ 76,573	\$ 90,894	\$ 91,139	\$ 75,203	\$ 56,377	\$ 60,126	\$ 69,572	\$ 88,226	\$ 67,859	\$ 55,080
	\$ 177,823	\$ 211,385	\$ 201,152	\$ 153,343	\$ 123,159	\$ 120,836	\$ 149,279	\$ 163,624	\$ 141,299	\$ 124,897
<b>PSEG Energy Resources</b>										
on peak hours (per MWh per day)	9.3	10.7	10.4	7.6	6.2	6.1	7.2	7.8	7.6	6.2
off peak hours (per MWh per day)	6.5	7.8	7.2	6.4	4.7	4.9	5.8	6.7	6.2	4.8
<b>kwh purchased</b>										
on peak	3,273,600	3,937,600	3,494,400	2,553,600	2,182,400	1,952,000	2,534,400	2,496,000	2,432,000	2,281,600
off peak	2,392,000	2,932,800	2,937,600	2,457,600	1,842,400	1,964,900	2,273,600	2,840,800	2,182,400	1,800,000
	5,665,600	6,870,400	6,432,000	5,011,200	4,024,800	3,916,900	4,808,000	5,336,800	4,614,400	4,081,600
<b>Cost \$ 31.25 (per MWh)</b>										
on peak	\$ 102,300	\$ 123,050	\$ 109,200	\$ 79,800	\$ 68,200	\$ 61,000	\$ 79,200	\$ 78,000	\$ 76,000	\$ 71,300
off peak	\$ 74,750	\$ 91,650	\$ 91,800	\$ 76,800	\$ 57,575	\$ 61,403	\$ 71,050	\$ 88,775	\$ 68,200	\$ 56,250
	\$ 177,050	\$ 214,700	\$ 201,000	\$ 156,600	\$ 125,775	\$ 122,403	\$ 150,250	\$ 166,775	\$ 144,200	\$ 127,550
<b>Summary</b>										
<b>kwh purchased</b>										
on peak	9,539,200	11,665,600	10,348,800	7,660,800	6,547,200	5,920,000	7,673,600	7,328,000	7,200,000	6,844,800
off peak	7,286,400	8,836,000	8,853,600	7,372,800	5,527,200	5,894,700	6,820,800	8,564,800	6,582,400	5,400,000
	16,825,600	20,501,600	19,202,400	15,033,600	12,074,400	11,814,700	14,494,400	15,892,800	13,782,400	12,244,800
<b>Cost</b>										
on peak	\$ 295,210	\$ 361,043	\$ 320,248	\$ 237,102	\$ 202,636	\$ 183,214	\$ 237,473	\$ 226,806	\$ 222,848	\$ 211,847
off peak	\$ 225,475	\$ 273,461	\$ 274,005	\$ 228,188	\$ 171,067	\$ 182,441	\$ 211,104	\$ 265,066	\$ 203,713	\$ 167,130
	\$ 520,686	\$ 634,504	\$ 594,253	\$ 465,290	\$ 373,703	\$ 365,655	\$ 448,577	\$ 491,872	\$ 426,561	\$ 378,977



**Borough of Butler Electric Utility**  
**P.A.S.N.Y Purchased Power Projection**  
**For the Period April 1, 2020 through March 31, 2021**

	<u>Total</u>	<u>Demand</u>	<u>Energy</u>	<u>Transmission</u>	<u>Wheeling</u>	<u>Other</u>
<b>2020:</b>						
April	\$11,340	\$3,096	\$2,366	\$279	\$2,011	\$3,587
May	\$21,504	\$5,871	\$4,488	\$529	\$3,814	\$6,802
June	\$28,626	\$7,816	\$5,974	\$704	\$5,077	\$9,055
July	\$26,206	\$7,155	\$5,469	\$645	\$4,648	\$8,290
August	\$23,191	\$6,332	\$4,840	\$571	\$4,113	\$7,336
September	\$20,392	\$5,567	\$4,256	\$502	\$3,616	\$6,450
October	\$21,594	\$5,896	\$4,506	\$531	\$3,830	\$6,831
November	\$28,387	\$7,750	\$5,924	\$698	\$5,034	\$8,980
December	\$26,641	\$7,274	\$5,560	\$656	\$4,725	\$8,427
<b>2021:</b>						
January	\$22,024	\$6,013	\$4,596	\$542	\$3,906	\$6,967
February	\$22,141	\$6,045	\$4,621	\$545	\$3,927	\$7,004
March	\$18,415	\$5,028	\$3,843	\$453	\$3,266	\$5,825
	<u>\$270,460</u>	<u>\$73,843</u>	<u>\$56,442</u>	<u>\$6,655</u>	<u>\$47,965</u>	<u>\$85,555</u>

**Basis of Projection:**  
**Actual for 2019.**

**Schedule D**  
**Schedule D-1**  
**Schedule D-2**  
**Schedule D-3**

**Borough of Butler Electric Utility**  
**Estimated Purchases, Billed Sales and Loss Factor**  
**For the Period April 1, 2020 through March 31, 2021**

		Kilowatt Hours		Line Loss
		Purchased	Billed	
2020:				
	April	7,092,994	7,109,798	(16,804)
	May	8,212,411	6,510,232	1,702,179
	June	10,442,537	8,831,880	1,610,657
	July	15,561,532	11,885,495	3,676,037
	August	11,493,598	12,404,838	(911,240)
	September	8,631,764	9,276,338	(644,574)
	October	7,423,360	7,301,727	121,633
	November	8,253,114	7,222,252	1,030,862
	December	9,867,897	8,442,388	1,425,509
2021:				
	January	9,919,066	8,747,117	1,171,949
	February	8,365,901	8,609,821	(243,920)
	March	8,727,665	7,706,485	1,021,180
Total		<u>113,991,839</u>	<u>104,048,371</u>	<u>9,943,468</u>

Projected line loss percentage	<u>8.723%</u>
--------------------------------	---------------

## Basis of projection:

Actual for 2019 for customers outside of the Borough of Butler.

Growth factor of: 0.0000%

	Actual 2019 KWH Billed Outside of Butler
January	8,747,117
February	8,609,821
March	7,706,485
April	7,109,798
May	6,510,232
June	8,831,880
July	11,885,495
August	12,404,838
September	9,276,338
October	7,301,727
November	7,222,252
December	8,442,388
	<u>104,048,371</u>

## Schedule D-1

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

<b><u>Year Ended December 31,</u></b>	<b><u>Kilowatt Hours</u></b>		<b><u>Line Loss Percentage</u></b>
	<b><u>Purchased</u></b>	<b><u>Billed</u></b>	
2015	120,280,345	110,106,933	8.46%
2016	119,619,499	108,457,429	9.33%
2017	114,734,675	105,794,906	7.79%
2018	119,745,826	111,883,063	6.57%
2019	113,991,839	104,048,371	8.72%
5 year average for sales outside of the Borough of Butler			<u><u>8.17%</u></u>

**Schedule of Historical Line Losses - System Wide**

<b><u>Year Ended December 31,</u></b>	<b><u>Kilowatt Hours</u></b>		<b><u>Line Loss Percentage</u></b>
	<b><u>Purchased</u></b>	<b><u>Billed</u></b>	
2015	173,543,022	158,898,064	8.44%
2016	172,324,484	156,293,235	9.30%
2017	164,663,185	151,891,834	7.80%
2018	169,804,530	158,584,468	6.61%
2019	162,696,572	149,164,528	8.32%
5 year average			<u><u>8.09%</u></u>

**BUTLER BOROUGH YEAR ENDED DECEMBER 31, 2019**  
**ELECTRIC UTILITY BILLING ANALYSIS - BY TOWN - KWH**

**KWH Billed:**

<b>Butler:</b>	<b>Total</b>	<b>January</b>	<b>February</b>	<b>March</b>	<b>April</b>	<b>May</b>	<b>June</b>	<b>July</b>	<b>August</b>	<b>September</b>	<b>October</b>	<b>November</b>	<b>December</b>
Residential	22,710,945	1,830,026	1,815,219	1,524,303	1,529,875	1,352,921	1,630,469	1,932,102	3,667,112	2,643,240	1,876,562	1,397,760	1,511,356
Commercial	19,651,694	1,612,720	1,717,403	1,473,566	1,626,307	1,385,735	1,631,788	1,497,940	2,207,690	1,817,564	1,697,681	1,491,432	1,491,868
All electric	2,276,612	277,577	365,403	279,890	257,976	131,095	111,691	101,865	164,678	128,939	107,322	120,185	229,991
Flood lighting	193,388	16,624	16,624	16,624	16,624	14,065	15,978	16,115	16,168	16,179	16,129	16,129	16,129
St. lighting	283,518	25,756	25,756	25,746	25,746	292	25,746	25,746	25,746	25,746	25,746	25,746	25,746
<b>Total</b>	<b>45,116,157</b>	<b>3,762,703</b>	<b>3,940,405</b>	<b>3,320,129</b>	<b>3,456,528</b>	<b>2,884,108</b>	<b>3,415,672</b>	<b>3,573,768</b>	<b>6,081,394</b>	<b>4,631,668</b>	<b>3,723,440</b>	<b>3,051,252</b>	<b>3,275,090</b>
<b>Kinnelon:</b>													
Residential	46,319,210	3,861,043	3,590,137	3,194,271	2,791,567	2,784,127	4,186,066	6,129,026	5,899,902	3,838,812	3,149,643	3,206,433	3,688,183
Commercial	13,966,537	1,130,845	1,139,515	1,107,188	1,068,944	998,793	1,263,817	1,320,981	1,378,258	1,195,109	1,123,190	1,119,181	1,120,716
All electric	536,805	71,726	68,799	58,280	34,759	26,838	30,648	39,454	39,831	27,576	29,178	47,462	62,254
Flood lighting	202,877	17,259	17,259	18,599	15,881	13,685	17,174	17,169	17,169	17,169	17,171	17,171	17,171
St. lighting	37,130	3,095	3,095	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094
<b>Total</b>	<b>61,062,559</b>	<b>5,083,968</b>	<b>4,818,805</b>	<b>4,381,432</b>	<b>3,914,245</b>	<b>3,826,537</b>	<b>5,500,799</b>	<b>7,509,724</b>	<b>7,338,254</b>	<b>5,081,760</b>	<b>4,322,276</b>	<b>4,393,341</b>	<b>4,891,418</b>
<b>Bloomingtondale:</b>													
Residential	23,122,926	1,872,598	1,817,238	1,574,925	1,538,413	1,332,066	1,827,067	2,667,658	3,161,377	2,458,886	1,613,498	1,447,250	1,811,950
Commercial	9,635,467	840,763	992,138	873,933	843,562	648,115	728,785	809,449	911,379	805,284	687,506	667,875	826,678
All electric	2,030,315	262,180	314,548	255,348	180,701	98,644	98,027	115,870	129,217	106,567	83,576	131,629	254,008
Flood lighting	153,520	12,716	12,550	12,550	12,550	12,890	13,326	13,542	13,659	12,580	12,382	12,382	12,393
* St. lighting	222,905	18,591	18,591	18,575	18,572	18,572	18,572	18,572	18,572	18,572	18,572	18,572	18,572
<b>Total</b>	<b>35,165,133</b>	<b>3,006,848</b>	<b>3,155,065</b>	<b>2,735,331</b>	<b>2,593,798</b>	<b>2,110,287</b>	<b>2,685,777</b>	<b>3,625,091</b>	<b>4,234,204</b>	<b>3,401,889</b>	<b>2,415,534</b>	<b>2,277,708</b>	<b>2,923,601</b>
<b>West Milford:</b>													
Residential	307,658	30,154	29,691	26,724	26,032	19,390	21,862	28,247	33,787	26,759	19,850	20,046	25,116
Commercial	211,621	14,050	16,009	14,039	12,745	10,892	15,980	28,037	36,919	24,361	12,485	11,565	14,539
Flood lighting	24,057	1,157	1,660	1,660	1,660	1,833	2,512	2,512	2,512	2,512	2,013	2,013	2,013
<b>Total</b>	<b>543,336</b>	<b>45,361</b>	<b>47,360</b>	<b>42,423</b>	<b>40,437</b>	<b>32,115</b>	<b>40,354</b>	<b>58,796</b>	<b>73,218</b>	<b>53,632</b>	<b>34,348</b>	<b>33,624</b>	<b>41,668</b>
<b>Riverdale:</b>													
Residential	79,872	7,814	7,689	5,981	6,085	4,618	5,931	8,181	9,428	7,510	5,458	5,347	5,830
Commercial	7,189,119	602,430	580,206	540,622	554,537	535,979	598,323	683,007	749,038	730,851	523,415	511,536	579,175
Flood lighting	7,872	656	656	656	656	656	656	656	656	656	656	656	656
St. lighting	480	40	40	40	40	40	40	40	40	40	40	40	40
<b>Total</b>	<b>7,277,343</b>	<b>610,940</b>	<b>588,591</b>	<b>547,299</b>	<b>561,318</b>	<b>541,293</b>	<b>604,950</b>	<b>691,884</b>	<b>759,162</b>	<b>739,057</b>	<b>529,569</b>	<b>517,579</b>	<b>585,701</b>
<b>Totals:</b>	<b>149,164,528</b>	<b>12,509,820</b>	<b>12,550,226</b>	<b>11,026,614</b>	<b>10,566,326</b>	<b>9,394,340</b>	<b>12,247,552</b>	<b>15,459,263</b>	<b>18,486,232</b>	<b>13,908,006</b>	<b>11,025,167</b>	<b>10,273,504</b>	<b>11,717,478</b>
<b>O/S Butler</b>	<b>104,048,371</b>	<b>8,747,117</b>	<b>8,609,821</b>	<b>7,706,485</b>	<b>7,109,798</b>	<b>6,510,232</b>	<b>8,831,880</b>	<b>11,885,495</b>	<b>12,404,838</b>	<b>9,276,338</b>	<b>7,301,727</b>	<b>7,222,252</b>	<b>8,442,388</b>
<b>% O/S Butler</b>	<b>69.75%</b>	<b>69.92%</b>	<b>68.60%</b>	<b>69.89%</b>	<b>67.29%</b>	<b>69.30%</b>	<b>72.11%</b>	<b>76.88%</b>	<b>67.10%</b>	<b>66.70%</b>	<b>66.23%</b>	<b>70.30%</b>	<b>72.05%</b>
<b>Butler share</b>	<b>30.25%</b>	<b>30.08%</b>	<b>31.40%</b>	<b>30.11%</b>	<b>32.71%</b>	<b>30.70%</b>	<b>27.89%</b>	<b>23.12%</b>	<b>32.90%</b>	<b>33.30%</b>	<b>33.77%</b>	<b>29.70%</b>	<b>27.95%</b>
<b>All:</b>													
Residential	92,540,611	7,601,635	7,259,974	6,326,204	5,891,972	5,493,122	7,671,395	10,765,214	12,771,606	8,975,207	6,665,011	6,076,836	7,042,435
Commercial	50,654,438	4,200,808	4,445,271	4,009,348	4,106,095	3,579,514	4,238,693	4,339,414	5,283,284	4,573,169	4,044,277	3,801,589	4,032,976
All electric	4,843,732	611,483	748,750	593,518	473,436	256,577	240,366	257,189	333,726	263,082	220,076	299,276	546,253
Flood lighting	581,714	48,412	48,749	50,089	47,371	43,129	49,646	49,994	50,164	49,096	48,351	48,351	48,362
St. lighting	544,033	47,482	47,482	47,455	47,452	21,998	47,452	47,452	47,452	47,452	47,452	47,452	47,452
<b>Total</b>	<b>149,164,528</b>	<b>12,509,820</b>	<b>12,550,226</b>	<b>11,026,614</b>	<b>10,566,326</b>	<b>9,394,340</b>	<b>12,247,552</b>	<b>15,459,263</b>	<b>18,486,232</b>	<b>13,908,006</b>	<b>11,025,167</b>	<b>10,273,504</b>	<b>11,717,478</b>
* Includes County of Passiac & State of New Jersey													
<b>O/S Butler:</b>													
Residential	69,829,666	5,771,609	5,444,755	4,801,901	4,362,097	4,140,201	6,040,926	8,833,112	9,104,494	6,331,967	4,788,449	4,679,076	5,531,079
Commercial	31,002,744	2,588,088	2,727,868	2,535,782	2,479,788	2,193,779	2,606,905	2,841,474	3,075,594	2,755,605	2,346,596	2,310,157	2,541,108
All electric	2,567,120	333,906	383,347	313,628	215,460	125,482	128,675	155,324	169,048	134,143	112,754	179,091	316,262
Flood lighting	388,326	31,788	32,125	33,465	30,747	29,064	33,668	33,879	33,996	32,917	32,222	32,222	32,233
St. lighting	260,515	21,726	21,726	21,709	21,706	21,706	21,706	21,706	21,706	21,706	21,706	21,706	21,706
<b>Total</b>	<b>104,048,371</b>	<b>8,747,117</b>	<b>8,609,821</b>	<b>7,706,485</b>	<b>7,109,798</b>	<b>6,510,232</b>	<b>8,831,880</b>	<b>11,885,495</b>	<b>12,404,838</b>	<b>9,276,338</b>	<b>7,301,727</b>	<b>7,222,252</b>	<b>8,442,388</b>

**BUTLER BOROUGH YEAR ENDED DECEMBER 31, 2018**  
**ELECTRIC UTILITY BILLING ANALYSIS - BY TOWN - KWH**

**KWH Billed:**

<b>Butler:</b>	<b>Total</b>	<b>January</b>	<b>February</b>	<b>March</b>	<b>April</b>	<b>May</b>	<b>June</b>	<b>July</b>	<b>August</b>	<b>September</b>	<b>October</b>	<b>November</b>	<b>December</b>
Residential	23,347,091	2,004,974	1,775,932	1,438,495	1,543,242	1,429,002	1,915,891	2,763,281	3,076,004	2,850,748	1,414,808	1,543,724	1,590,990
Commercial	20,525,321	1,716,309	1,743,951	1,433,196	1,613,584	1,559,122	1,730,403	1,888,535	2,059,056	1,987,473	2,052,384	1,010,700	1,730,608
All electric	2,334,191	396,043	330,499	238,696	251,113	141,067	116,443	136,882	144,658	133,049	66,492	139,665	239,584
Flood lighting	215,620	16,476	16,642	16,642	16,642	16,642	16,641	16,641	16,641	16,641	32,034	14,775	19,203
St. lighting	279,182	25,270	25,270	25,270	25,270	25,270	25,270	25,270	25,270	25,270	25,736		26,016
<b>Total</b>	<b>46,701,405</b>	<b>4,159,072</b>	<b>3,892,294</b>	<b>3,152,299</b>	<b>3,449,851</b>	<b>3,171,103</b>	<b>3,804,648</b>	<b>4,830,609</b>	<b>5,321,629</b>	<b>5,013,181</b>	<b>3,591,454</b>	<b>2,708,864</b>	<b>3,606,401</b>

**Kinnelon:**

Residential	49,930,730	4,281,882	3,713,055	3,075,930	3,193,517	3,093,227	4,357,996	5,488,181	5,866,945	5,321,223	4,503,491	3,374,373	3,660,910
Commercial	15,323,696	1,267,514	1,260,252	1,056,265	1,152,414	1,147,322	1,277,185	1,302,949	1,370,507	1,364,758	1,837,930	787,383	1,499,217
All electric	570,252	85,758	64,424	51,807	48,059	28,287	29,978	38,077	41,162	37,274	35,833	51,319	58,274
Flood lighting	226,112	17,552	17,552	17,552	17,552	17,552	17,552	17,551	17,551	17,551	33,629	10,499	24,019
St. lighting	39,816	3,054	3,054	3,054	3,054	3,054	3,054	3,054	3,054	3,054	3,092	3,054	6,184
<b>Total</b>	<b>66,090,606</b>	<b>5,655,760</b>	<b>5,058,337</b>	<b>4,204,608</b>	<b>4,414,596</b>	<b>4,289,442</b>	<b>5,685,765</b>	<b>6,849,812</b>	<b>7,299,219</b>	<b>6,743,860</b>	<b>6,413,975</b>	<b>4,226,628</b>	<b>5,248,604</b>

**Bloomingtondale:**

Residential	24,360,658	2,060,214	1,839,453	1,481,012	1,612,276	1,501,675	1,917,531	2,739,732	3,068,755	2,844,347	2,033,083	1,525,259	1,737,321
Commercial	10,135,098	915,489	956,055	757,272	837,553	798,334	748,120	808,488	933,799	876,901	966,965	608,356	927,766
All electric	2,236,760	295,066	317,939	214,791	230,093	151,695	105,681	116,262	134,573	131,427	131,202	155,520	252,511
Flood lighting	162,415	12,560	12,560	12,560	12,560	12,560	12,559	12,559	12,559	12,559	24,125	6,186	19,068
* St. lighting	223,107	18,598	18,598	18,598	18,598	18,598	18,598	18,598	18,598	18,598	18,575	6,091	31,059
<b>Total</b>	<b>37,118,038</b>	<b>3,301,927</b>	<b>3,144,605</b>	<b>2,484,233</b>	<b>2,711,080</b>	<b>2,482,862</b>	<b>2,802,489</b>	<b>3,695,639</b>	<b>4,168,284</b>	<b>3,883,832</b>	<b>3,173,950</b>	<b>2,301,412</b>	<b>2,967,725</b>

**West Milford:**

Residential	369,431	30,783	35,739	28,623	31,497	27,123	25,380	28,633	35,431	36,105	34,705	26,214	29,198
Commercial	230,187	14,761	14,971	13,173	13,818	14,293	14,864	32,296	39,661	27,912	18,794	11,965	13,679
Flood lighting	20,411	1,328	1,328	1,328	1,328	1,328	1,328	1,328	1,328	1,826	3,529	1,826	2,606
<b>Total</b>	<b>620,029</b>	<b>46,872</b>	<b>52,038</b>	<b>43,124</b>	<b>46,643</b>	<b>42,744</b>	<b>41,572</b>	<b>62,257</b>	<b>76,420</b>	<b>65,843</b>	<b>57,028</b>	<b>40,005</b>	<b>45,483</b>

**Riverdale:**

Residential	95,522	9,658	8,366	6,417	6,772	6,235	6,740	9,133	10,877	9,365	7,967	6,873	7,119
Commercial	7,949,862	674,373	621,239	533,072	606,547	559,449	664,050	719,313	787,943	793,107	800,742	586,665	603,362
Flood lighting	8,486	656	656	656	656	656	656	656	656	656	1,270	656	656
St. lighting	520	40	40	40	40	40	40	40	40	40	40	40	80
<b>Total</b>	<b>8,054,390</b>	<b>684,727</b>	<b>630,301</b>	<b>540,185</b>	<b>614,015</b>	<b>566,380</b>	<b>671,486</b>	<b>729,142</b>	<b>799,516</b>	<b>803,168</b>	<b>810,019</b>	<b>594,234</b>	<b>611,217</b>
<b>Totals:</b>	<b>158,584,468</b>	<b>13,848,358</b>	<b>12,777,575</b>	<b>10,424,449</b>	<b>11,236,185</b>	<b>10,552,531</b>	<b>13,005,960</b>	<b>16,167,459</b>	<b>17,665,068</b>	<b>16,509,884</b>	<b>14,046,426</b>	<b>9,871,143</b>	<b>12,479,430</b>

O/S Butler	111,883,063	9,689,286	8,885,281	7,272,150	7,786,334	7,381,428	9,201,312	11,336,850	12,343,439	11,496,703	10,454,972	7,162,279	8,873,029
% O/S Butler	70.55%	69.97%	69.54%	69.76%	69.30%	69.95%	70.75%	70.12%	69.87%	69.64%	74.43%	72.56%	71.10%
Butler share	29.45%	30.03%	30.46%	30.24%	30.70%	30.05%	29.25%	29.88%	30.13%	30.36%	25.57%	27.44%	28.90%

**All:**

Residential	98,103,432	8,387,511	7,372,545	6,030,477	6,387,304	6,057,262	8,223,538	11,028,960	12,058,012	11,061,788	7,994,054	6,476,443	7,025,538
Commercial	54,164,164	4,588,446	4,596,468	3,792,978	4,223,916	4,078,520	4,434,622	4,751,581	5,190,966	5,050,151	5,676,815	3,005,069	4,774,632
All electric	5,141,203	776,867	712,862	505,294	529,265	321,049	252,102	291,221	320,393	301,750	233,527	346,504	550,369
Flood lighting	633,044	48,572	48,738	48,738	48,738	48,738	48,736	48,735	48,735	49,233	94,587	33,942	65,552
St. lighting	542,625	46,962	46,962	46,962	46,962	46,962	46,962	46,962	46,962	46,962	47,443	9,185	63,339
<b>Total</b>	<b>158,584,468</b>	<b>13,848,358</b>	<b>12,777,575</b>	<b>10,424,449</b>	<b>11,236,185</b>	<b>10,552,531</b>	<b>13,005,960</b>	<b>16,167,459</b>	<b>17,665,068</b>	<b>16,509,884</b>	<b>14,046,426</b>	<b>9,871,143</b>	<b>12,479,430</b>

\* Includes County of Passaic & State of New Jersey

**O/S Butler:**

Residential	74,756,341	6,382,537	5,596,613	4,591,982	4,844,062	4,628,260	6,307,647	8,265,679	8,982,008	8,211,040	6,579,246	4,932,719	5,434,548
Commercial	33,638,843	2,872,137	2,852,517	2,359,782	2,610,332	2,519,398	2,704,219	2,863,046	3,131,910	3,062,678	3,624,431	1,994,369	3,044,024
All electric	2,807,012	380,824	382,363	266,598	278,152	179,982	135,659	154,339	175,735	168,701	167,035	206,839	310,785
Flood lighting	417,424	32,096	32,096	32,096	32,096	32,096	32,095	32,094	32,094	32,592	62,553	19,167	46,349
St. lighting	263,443	21,692	21,692	21,692	21,692	21,692	21,692	21,692	21,692	21,692	21,707	9,185	37,323
<b>Total</b>	<b>111,883,063</b>	<b>9,689,286</b>	<b>8,885,281</b>	<b>7,272,150</b>	<b>7,786,334</b>	<b>7,381,428</b>	<b>9,201,312</b>	<b>11,336,850</b>	<b>12,343,439</b>	<b>11,496,703</b>	<b>10,454,972</b>	<b>7,162,279</b>	<b>8,873,029</b>

**Schedule E**  
**Schedule E-1**

**Borough of Butler Electric Utility**  
**Summary of Projected Purchased Power Costs and Recoveries**  
**for the Period January 1, 2020 through March 31, 2021**

	<u>Purchased Power</u>		<u>Billing</u>	<u>Recovery Through</u>		<u>Cumulative</u>
	<u>KWH</u>	<u>Cost</u>	<u>KWH</u>	<u>LEAC Charges</u>	<u>(Under)/ Over Recovery</u>	<u>(Under)/ Over Recovery</u>
Balance Forward						\$ 2,073,851
Interest on Prior Year						
Over- recovery						23,165
Adjusted Balance Forward						2,097,016
January	9,919,066	\$ 796,095	8,747,117	\$ 769,650	\$ (26,445)	2,070,571
February	8,365,901	713,948	8,609,821	757,570	43,622	2,114,193
March	8,727,665	712,820	7,706,485	678,086	(34,734)	2,079,459
Subtotal	<u>27,012,632</u>	<u>\$ 2,222,862</u>	<u>25,063,423</u>	<u>\$ 2,205,306</u>	<u>\$ (17,557)</u>	<u>\$ 2,079,459</u>
April	7,092,994	648,820	7,109,798	461,746	(187,074)	1,892,385
May	8,212,411	702,774	6,510,232	422,807	(279,967)	1,612,418
June	10,442,537	801,343	8,831,880	573,586	(227,757)	1,384,661
July	15,561,532	970,142	11,885,495	771,903	(198,239)	1,186,422
August	11,493,598	804,652	12,404,838	805,632	980	1,187,402
September	8,631,764	700,182	9,276,338	602,452	(97,730)	1,089,672
October	7,423,360	653,969	7,301,727	474,211	(179,759)	909,913
November	8,253,114	687,212	7,222,252	469,049	(218,163)	691,750
December	9,867,897	769,885	8,442,388	548,291	(221,594)	470,156
January	9,919,066	769,101	8,747,117	568,082	(201,019)	269,137
February	8,365,901	675,645	8,609,821	559,165	(116,480)	152,656
March	8,727,665	699,908	7,706,485	500,498	(199,411)	(46,754)
Subtotal	<u>113,991,839</u>	<u>8,883,635</u>	<u>104,048,371</u>	<u>6,757,421</u>	<u>(2,126,214)</u>	<u>(46,754)</u>
Grand Total	<u>141,004,470</u>	<u>\$ 11,106,497</u>	<u>129,111,794</u>	<u>\$ 8,962,727</u>	<u>\$ (2,143,770)</u>	<u>\$ (46,754)</u>



**Borough of Butler Electric Utility**  
**Schedule of Interest on Over Recoveries**  
**For the Year Ended December 31, 2019**

	(A) Interest rate		Cumulative (Under ) \ Over- Recovery	Average Monthly Balance	Interest Earned
	Annual	Monthly			
Balance Forward			\$615,966		
January	2.23%	0.1858%	\$590,501	\$603,233	\$1,121
February	2.23%	0.1858%	\$645,663	\$618,082	\$1,149
March	2.23%	0.1858%	\$591,959	\$618,811	\$1,150
April	2.23%	0.1858%	\$598,633	\$595,296	\$1,106
May	2.23%	0.1858%	\$485,134	\$541,884	\$1,007
June	2.23%	0.1858%	\$630,560	\$557,847	\$1,037
July	2.23%	0.1858%	\$878,934	\$754,747	\$1,403
August	2.23%	0.1858%	\$1,343,689	\$1,111,312	\$2,065
September	2.23%	0.1858%	\$1,643,757	\$1,493,723	\$2,776
October	2.23%	0.1858%	\$1,794,552	\$1,719,155	\$3,195
November	2.23%	0.1858%	\$1,917,332	\$1,855,942	\$3,449
December	2.23%	0.1858%	\$2,073,851	\$1,995,591	\$3,708
Total					<u>\$23,165</u>

(A) Source:

New Jersey Cash Management Fund

**Borough of Butler Electric Utility**  
**Schedule of Interest on Over Recoveries**  
**For the Year Ended December 31, 2018**

	(A) Interest rate		Cumulative (Under ) \ Over- Recovery	Average Monthly Balance	Interest Earned
	Annual	Monthly			
Balance Forward			\$1,110,655		
January	1.30%	0.1083%	\$1,021,864	\$1,066,260	\$1,155
February	1.30%	0.1083%	\$980,945	\$1,001,405	\$1,085
March	1.30%	0.1083%	\$822,745	\$901,845	\$977
April	1.30%	0.1083%	\$747,051	\$784,898	\$850
May	1.30%	0.1083%	\$546,047	\$646,549	\$700
June	1.30%	0.1083%	\$415,670	\$480,859	\$521
July	1.30%	0.1083%	\$374,839	\$395,255	\$428
August	1.30%	0.1083%	\$438,408	\$406,624	\$441
September	1.30%	0.1083%	\$581,933	\$510,171	\$553
October	1.30%	0.1083%	\$726,225	\$654,079	\$709
November	1.30%	0.1083%	\$607,613	\$666,919	\$722
December	1.30%	0.1083%	\$607,167	\$607,390	\$658
Total					<u>\$8,799</u>

(A) Source:  
New Jersey Cash Management Fund



Now's the Time to Choose Health Coverage for Next Year – Open Enrollment is Nov. 1 to Dec. 15.

[Home](#) / Cash Management Fund Rate of Return

Cash Management Fund Rate of Return

Toll Free CMF Daily Rate Hotline 1-888-286-5052

Cash Management Fund - Rate of Return		
	State	Other-than-State
Avg. Monthly Rate 10/31/19	2.05	1.98
Avg. Monthly Rate on 10/31/19	1.99	1.90

Show 10 entries

Search:

Fiscal Year	Avg. Annualized Daily Rate:		Avg. Annualized Compounded Rate (1):
	State	Other-than-State	Other-than-State
2019	2.29	2.23	2.29
2018	1.36	1.30	1.30
2017	.61	.56	.56
2016	.31	.24	.24
2015	.13	.06	.06
2014	.12	.06	.06
2013	.14	.06	.06
2012	.15	.04	.04
2011	.30	.20	.20
2010	.45	.34	.34

(1) Assumes that moneys are left on deposit and are allowed to compound for one year

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to top

## **Schedule F**

**Borough of Butler Electric Utility**  
**Calculation of the Required L.E.A.C. Rate**  
**For the Period April 1, 2020 Through June 30, 2020**

Projected cost of purchased power 4/1/20 - 3/31/21	\$ 8,883,635
Less: Projected over recovery at 4/1/20	<u>2,079,459</u>
Projected net costs to be recovered	6,804,176
 To be recovered through L.E.A.C. charges 4/1/20 - 3/31/21	 <u>\$ 6,804,176</u>
Projected average cost per KWH purchases 4/1/20 - 3/31/21 -Net of projected over recovery at 4/1/20 (\$6,804,174 divided by 113,991,839)	  <u>\$ 0.059690</u>

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

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.

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

$$A = [ (.059690) (113,991,839/104,768,371) ] \quad (\text{line loss adjusted to 8.09\%})$$

$$A = \underline{\underline{\$0.064945}}$$

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, 2020 Through June 30, 2020**  
**(Continued)**

Projected KWH Billed 4/1/20 - 3/31/21	<u><u>104,048,371</u></u>
L.E.A.C. Recovery:	
( 104,048,371 ) ( \$0.064945)	\$ 6,757,421
Required recovery	<u>\$ 6,804,176</u>
Projected Under Recovery at March 31, 2021	<u><u>\$ (46,754)</u></u>

**Schedule G**

Borough of Butler Electric Utility  
Summary of Purchased Power Costs and Recoveries  
for the Year Ended December 31, 2019  
Customers Outside of Borough Boundaries

	Purchased Power			Billing		Recovery Through LEAC Charges	(Under)/ Over Recovery	Cumulative (Under)/ Over Recovery
	KWH	Cost	Average Cost Per KWH	KWH	Line Loss Percentage			
Balance Forward								\$607,167
Interest on Prior Year								
Over- recovery								\$8,799
Adjusted Balance								
Forward								\$615,966
January	9,919,066	\$792,753	\$0.079922	8,747,117	11.82%	\$767,288	(\$25,465)	\$590,501
February	8,365,901	\$700,082	\$0.083683	8,609,821	-2.92%	\$755,245	\$55,162	\$645,663
March	8,727,665	\$729,709	\$0.083609	7,706,485	11.70%	\$676,005	(\$53,704)	\$591,959
April	7,092,994	\$649,866	\$0.091621	7,109,798	-0.24%	\$656,540	\$6,674	\$598,633
May	8,212,411	\$714,674	\$0.087024	6,510,232	20.73%	\$601,174	(\$113,500)	\$485,134
June	10,442,537	\$670,136	\$0.064174	8,831,880	15.42%	\$815,562	\$145,426	\$630,560
July	15,561,532	\$826,657	\$0.053122	11,885,495	23.62%	\$1,075,031	\$248,374	\$878,934
August	11,493,598	\$657,250	\$0.057184	12,404,838	-7.93%	\$1,122,005	\$464,755	\$1,343,689
September	8,631,764	\$538,967	\$0.062440	9,276,338	-7.47%	\$839,035	\$300,068	\$1,643,757
October	7,423,360	\$495,897	\$0.066802	7,301,727	1.64%	\$646,692	\$150,795	\$1,794,552
November	8,253,114	\$516,874	\$0.062628	7,222,252	12.49%	\$639,653	\$122,780	\$1,917,332
December	9,867,897	\$591,199	\$0.059911	8,442,388	14.45%	\$747,717	\$156,518	\$2,073,851
	<u>113,991,839</u>	<u>\$7,884,065</u>		<u>104,048,371</u>	<u>8.72%</u>	<u>\$9,341,949</u>	<u>\$1,457,885</u>	<u>\$2,073,851</u>

LEAC recovery computed as follows:

January-March:

KWH billed, multiplied by \$.087719

April-June:

KWH billed, multiplied by \$.092343

July-September:

KWH billed, multiplied by \$.090449

October-December:

KWH billed, multiplied by \$.088567



**Borough of Butler Electric Utility**  
**Summary of Purchased Power Costs and Recoveries**  
**for the Year Ended December 31, 2018**  
**Customers Outside of Borough Boundaries**

	<u>Purchased Power</u>			<u>Billing</u>		<u>Recovery</u>	<u>(Under)/</u>	<u>Cumulative</u>
	<u>KWH</u>	<u>Cost</u>	<u>Average</u> <u>Cost</u> <u>Per KWH</u>	<u>KWH</u>	<u>Line Loss</u> <u>Percentage</u>	<u>Through</u> <u>LEAC</u> <u>Charges</u>	<u>Over</u> <u>Recovery</u>	<u>(Under)/</u> <u>Over</u> <u>Recovery</u>
Balance Forward								\$1,101,163
Interest on Prior Year								
Over- recovery								\$9,492
Adjusted Balance								
Forward								\$1,110,655
January	10,309,199	\$782,699	\$0.075922	9,689,286	6.01%	\$693,908	(\$88,791)	\$1,021,864
February	8,246,607	\$677,248	\$0.082124	8,885,281	-7.74%	\$636,328	(\$40,920)	\$980,945
March	8,707,509	\$679,002	\$0.077979	7,272,150	16.48%	\$520,802	(\$158,199)	\$822,745
April	7,806,484	\$633,321	\$0.081127	7,786,334	0.26%	\$557,626	(\$75,694)	\$747,051
May	9,154,381	\$729,632	\$0.079703	7,381,428	19.37%	\$528,628	(\$201,003)	\$546,047
June	10,841,541	\$812,921	\$0.074982	9,201,312	15.13%	\$682,544	(\$130,377)	\$415,670
July	13,547,214	\$977,198	\$0.072133	11,336,850	16.32%	\$936,367	(\$40,831)	\$374,839
August	13,463,686	\$955,937	\$0.071001	12,343,439	8.32%	\$1,019,506	\$63,570	\$438,408
September	10,116,334	\$806,045	\$0.079678	11,496,703	-13.64%	\$949,570	\$143,525	\$581,933
October	8,982,584	\$781,569	\$0.087009	10,454,972	-16.39%	\$925,861	\$144,292	\$726,225
November	8,843,155	\$752,882	\$0.085137	7,162,279	19.01%	\$634,270	(\$118,612)	\$607,613
December	9,727,132	\$786,214	\$0.080827	8,873,029	8.78%	\$785,769	(\$446)	\$607,167
	<u>119,745,826</u>	<u>\$9,374,668</u>		<u>111,883,063</u>	<u>6.57%</u>	<u>\$8,871,180</u>	<u>(\$503,488)</u>	<u>\$607,167</u>

LEAC recovery computed as follows:

January-May:

KWH billed, multiplied by \$.071616

June:

KWH billed, multiplied by \$.074179

July-September:

KWH billed, multiplied by \$.082595

October-December:

KWH billed, multiplied by \$.088557

**Schedule H**

**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, 2021, 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 its 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:

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Issued:	Effective for service rendered on or after April 1, 2020
---------	---

Issued by James P. Lampmann  
Borough Administrator  
Butler, New Jersey

Filed pursuant to Order of the Board 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 its 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.

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Issued:

Effective for service rendered on  
or after April 1, 2020

Issued by James P. Lampmann  
Borough Administrator  
Butler, New Jersey

Filed pursuant to Order of the Board of Public Utilities

Dated - \_\_\_\_\_

in Docket No. - \_\_\_\_\_

**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, 2021 \$0.059690

Amount per kilowatt hour of energy adjustment  
charge for line losses to customers of  
8.09 percent \$0.005255

Energy adjustment charge per kilowatt hour to be applied  
to each class of service provided \$0.064945

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Issued:

Effective for service rendered on  
or after April 1, 2020

Issued by James P. Lampmann  
Borough Administrator  
Butler, New Jersey

Filed pursuant to Order of the Board of Public Utilities

Dated        - \_\_\_\_\_ in Docket No.    - \_\_\_\_\_

**Schedule I**

**Please download at** <https://nisivoccia.sharefile.com/share/view/s44d800769dc4a1e8>  
**(In order to download you will need Adobe Reader)**

**Schedule J**

**Borough of Butler Electric Utility**  
**Summary of Purchased Power Costs**  
**for the Year Ended December 31, 2019**

	<b>Cost System Wide</b>	<b>% of Sales Outside of Butler</b>	<b>Cost Outside of Butler</b>
January	\$ 1,133,768	69.92%	\$ 792,753
February	1,020,485	68.60%	700,082
March	1,044,085	69.89%	729,709
April	965,808	67.29%	649,866
May	1,031,283	69.30%	714,674
June	929,307	72.11%	670,136
July	1,075,219	76.88%	826,657
August	979,463	67.10%	657,250
September	808,073	66.70%	538,967
October	748,774	66.23%	495,897
November	735,242	70.30%	516,874
December	820,545	72.05%	591,199
	<u>\$ 11,292,051</u>		<u>\$ 7,884,065</u>



Borough of Butler Electric Utility  
Purchased Power Costs  
Year Ended December 31, 2019

	Number of Days in Month	Total Metered Energy	NYPA Energy	Net Metered Energy	Purchase Guarantees				Excess Purchases / (Sales)	Metered energy																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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**Borough of Butler Electric Utility**  
**Summary of Purchased Power Costs**  
**for the Year Ended December 31, 2018**

	<b>Cost System Wide</b>	<b>% of Sales Outside of Butler</b>	<b>Cost Outside of Butler</b>
January	\$ 1,118,668	69.97%	\$ 782,699
February	973,924	69.54%	677,248
March	973,332	69.76%	679,002
April	913,923	69.30%	633,321
May	1,043,085	69.95%	729,632
June	1,149,056	70.75%	812,921
July	1,393,581	70.12%	977,198
August	1,368,070	69.87%	955,937
September	1,157,525	69.64%	806,045
October	1,050,051	74.43%	781,569
November	1,037,632	72.56%	752,882
December	1,105,768	71.10%	786,214
	<u>\$ 13,284,613</u>		<u>\$ 9,374,668</u>

Borough of Butler Electric Utility  
Purchased Power Costs  
Year Ended December 31, 2018

	Number of Days in Month	Total Metered Energy	NYPA Energy	Net Metered Energy	Purchase Guarantees						Excess Purchases / (Sales)	Metered energy						
					Exelon/Constellation Energy	Exelon/Constellation Energy	Exelon/Constellation Energy	Exelon/Constellation Energy	Exelon/Constellation Energy	Exelon/Constellation Energy		Exelon/Constellation Energy	Exelon/Constellation Energy	Exelon/Constellation Energy	Exelon/Constellation Energy	Exelon/Constellation Energy	Exelon/Constellation Energy	Exelon/Constellation Energy
January	31	14,734,365	1,012,787	13,721,578	4,886,400	6,339,200	4,886,400				(2,390,422)	Exelon/Constellation Energy (1/1-5/31)		\$0.05245 (KWh)				
February	29	11,859,123	917,467	10,941,656	4,147,200	5,456,000	4,147,200				(2,808,744)	Exelon/Constellation Energy (1/1-5/31)		\$0.04492 (KWh)				
March	31	12,482,001	780,687	11,701,314	3,988,800	3,988,800	3,988,800				(265,086)	Exelon/Constellation Energy (1/1-5/31)		\$0.04180 (KWh)				
April	30	11,265,263	688,700	10,576,563	3,787,200	3,748,800	3,787,200				(746,637)	Exelon/Constellation Energy (6/1-12/31)		\$0.04262 (KWh)				
May	31	13,087,155	732,401	12,354,754	4,028,800	4,028,800	4,028,800				268,354	Exelon/Constellation Energy (6/1-12/31)		\$0.03534 (KWh)				
June	30	15,324,407	621,481	14,702,926	5,620,800	5,755,200	4,948,800				(1,621,874)	Exelon/Constellation Energy (6/1-12/31)		\$0.03321 (KWh)				
July	31	19,319,655	758,054	18,561,601	6,902,400	7,140,000	6,230,400				(1,711,199)							
August	31	19,268,287	870,948	18,397,339	7,416,800	5,688,800	6,312,800				(1,021,061)							
September	30	14,527,600	846,664	13,680,936	4,404,800	5,124,800	4,404,800				(253,464)							
October	31	12,068,248	930,831	11,137,417	3,938,400	3,937,600	3,938,400				(676,983)							
November	30	12,187,747	957,645	11,230,102	3,969,700	3,969,700	3,969,700				(678,998)							
December	31	13,680,679	980,674	12,700,005	4,837,600	4,795,200	4,837,600				(1,770,395)							
		169,804,530	10,098,339	159,706,191	57,928,900	59,972,900	55,480,900	0	0	0	(13,676,509)							

	Network Integration										Total Purchased Power Costs					
	Metered Energy			Transmission Enhancement	Locational Reliability Charges	Transmission Service Charges	Other Charges* Credits	Excess Purchases / (Sales)	APN Fee	Misc. Adjustments						
	Exelon/Constellation	Exelon/Constellation	Exelon/Constellation													
January	\$256,291.68	\$284,756.86	\$204,251.52		\$200,266.51	\$93,193.13	\$51,527.13	\$4,600.00			\$1,094,886.83	\$23,780.81	\$1,118,667.64			
February	\$217,520.64	\$245,083.52	\$173,352.96		\$180,885.88	\$84,174.44	\$33,531.26	\$4,600.00			\$939,148.70	\$34,775.03	\$973,923.73			
March	\$209,212.56	\$179,176.90	\$166,731.84		\$200,266.51	\$93,193.13	\$101,494.68	\$4,600.00			\$954,675.62	\$18,656.83	\$973,332.45			
April	\$198,638.64	\$168,396.10	\$158,304.96		\$193,806.30	\$90,186.90	\$82,403.31	\$4,600.00			\$896,336.21	\$17,586.36	\$913,922.57			
May	\$211,310.56	\$180,973.70	\$168,403.84		\$200,266.51	\$93,193.13	\$167,104.67	\$4,600.00		(\$0.01)	\$1,025,852.40	\$17,233.08	\$1,043,085.48			
June	\$239,558.50	\$203,388.77	\$164,349.65		\$380,457.60	\$90,186.90	\$49,511.32	\$4,600.00			\$1,132,052.73	\$17,003.34	\$1,149,056.07			
July	\$294,180.29	\$252,327.60	\$206,911.58	\$98,723.63	\$23,715.04	\$393,139.52	\$93,193.13	\$12,971.21		\$0.01	\$1,375,162.01	\$18,418.77	\$1,393,580.78			
August	\$316,104.02	\$201,042.19	\$209,648.09	\$52,701.49	\$24,562.32	\$393,139.52	\$93,193.13	\$56,954.41		(\$0.01)	\$1,347,345.16	\$20,724.84	\$1,368,070.00			
September	\$187,732.58	\$181,110.43	\$146,283.41	\$52,701.49	\$24,331.24	\$380,457.60	\$90,186.90	\$75,506.53			\$1,138,310.18	\$19,214.46	\$1,157,524.64			
October	\$167,854.61	\$139,154.78	\$130,794.26	\$52,843.92	\$24,448.18	\$393,139.52	\$93,193.13	\$29,262.13		(\$0.01)	\$1,030,690.53	\$19,360.44	\$1,050,050.97			
November	\$169,188.61	\$140,289.20	\$131,833.74	\$52,843.92	\$24,236.38	\$380,457.60	\$90,186.90	\$28,564.42			\$1,017,600.77	\$20,030.74	\$1,037,631.51			
December	\$206,178.51	\$169,462.37	\$160,656.70	\$52,843.92	\$24,171.21	\$393,139.52	\$93,193.13	(\$16,418.03)			\$1,083,227.33	\$22,540.32	\$1,105,767.65			
	\$2,673,771.19	\$2,345,162.41	\$2,021,522.55	\$0.00	\$362,658.37	\$145,464.37	\$3,689,422.59	\$1,097,273.95	\$672,413.04	\$0.00	\$27,600.00	\$0.00	(\$0.02)	\$13,035,288.45	\$249,325.02	\$13,284,613.47

\$7,548,578.89

Other Charges\*  
Schedule 1A  
Schedule 9  
Expansion Recovery Charge  
Generation Deactivation Charge

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**Schedule K**

## Schedule K

**Borough of Butler Electric Utility**  
**Gross Operating Billings**  
**For Customers Outside of The Borough of Butler**  
**For The Year Ended December 31, 2019**

	<u>Total Billed</u>
Base	\$ 4,293,438
Sales tax	919,790
L.E.A.C.:	
Fuel Recovery	9,341,949
ZEC	287,658
Total	<u>\$ 14,842,835</u>

**Projected Gross Operating Billings**  
**For Customers Outside of The Borough of Butler**  
**For The Year Ended December 31, 2020**

Base	\$ 4,293,438
Sales tax	770,383
L.E.A.C.:	
Fuel Recovery	7,334,983
ZEC	416,193
Total	<u>\$ 12,814,997</u>
Projected Decrease from 2019	<u>\$ (2,027,838)</u>
Projected Percentage Decrease from 2019	<u>-13.66%</u>
Projected growth factor	<u>0.0000%</u>

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## **Schedule L**

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

	<u>Rates</u>	<u>Amounts for Service Rendered</u>		<u>Decrease</u>	
		<u>1/1/2020</u>	<u>4/1/2020</u>	<u>Amount</u>	<u>Percentage</u>
<b>Base charge:</b>					
<b>0-15 KWH</b>	<b>\$3.98</b>	<b>\$ 3.98</b>	<b>\$ 3.98</b>		
<b>16-600 KWH</b>	<b>\$0.039919</b>	<b>23.35</b>	<b>23.35</b>		
<b>600-1,000 KWH</b>	<b>\$0.031831</b>	<b>12.73</b>	<b>12.73</b>		
<b>LEAC ( 1 )</b>		<b>87.99</b>	<b>64.95</b>		
<b>ZEC</b>	<b>\$0.004000</b>	<b>4.00</b>	<b>4.00</b>		
		<b>132.05</b>	<b>109.01</b>		
<b>Sales tax</b>	<b>6.625%</b>	<b>8.75</b>	<b>7.22</b>		
		<b>\$ 140.80</b>	<b>\$ 116.23</b>	<b>\$ (24.57)</b>	<b>-17.45%</b>
<b>( 1 ) LEAC rate</b>		<b>\$ 0.087989</b>	<b>\$ 0.064945</b>		

**Borough of Butler Electric Utility**  
**Customer Information**

**Customers Served Inside the Borough:**

	<b><u>Annual kwh Sales</u></b>	<b><u>Total Customers</u></b>	<b><u>Commercial</u></b>	<b><u>All Electric</u></b>	<b><u>Flood Light</u></b>	<b><u>Residential</u></b>
2019	45,116,157	4,079	611	277	54	3,137
2018	46,701,405	4,152	625	300	56	3,171
2017	46,096,928	4,007	567	282	54	3,104

**Customers Served Outside the Borough:**

	<b><u>Annual kwh Sales</u></b>	<b><u>Total Customers</u></b>	<b><u>Commercial</u></b>	<b><u>All Electric</u></b>	<b><u>Flood Light</u></b>	<b><u>Residential</u></b>
2019	104,048,371	7,830	736	247	87	6,760
2018	111,883,063	7,819	729	252	87	6,751
2017	105,794,906	7,765	773	241	82	6,669

**Average Monthly Usage (kwh):**

	<b><u>Summer Months</u></b>	<b><u>Non-summer Months</u></b>	<b><u>Annual</u></b>
Residential - inside the Borough	613	444	603
Residential - outside the Borough	1,307	696	861



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**Schedule M**

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