

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, 2022 to June 30, 2022) 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 20010105 dated May 20, 2020, the Board approved the L.E.A."C. rate of \$0.064945 per kilowatt hour for the period April 1, 2020 to June 30, 2022 and approved the Stipulation dated April 28, 2020 and the terms therein including that 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, 2022; therefore the next filing will be due on February 1, 2024.

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, 2020 - September 30, 2020 - L.E.A.C. rate \$.085766 per KWH.
- (B) October 1, 2020 - December 31, 2020 - L.E.A.C. rate \$.083486 per KWH.
- (C) January 1, 2021 - March 31, 2021 - L.E.A.C. rate \$.083276 per KWH.
- (D) April 1, 2021 - June 30, 2021 - L.E.A.C. rate \$.082345 per KWH.
- (E) July 1, 2021 - September 30, 2021 - L.E.A.C. rate \$.075276 per KWH.
- (F) October 1, 2021 - December 31, 2021 - L.E.A.C. rate \$.069546 per KWH.
- (G) January 1, 2022 - March 31, 2022 - L.E.A.C. rate \$.071940 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, 2022 through March 31, 2023

- Schedule C-1 Purchased Power Projection for the Period January 1, 2022 through March 31, 2023
- Schedule C-2 Managed Contracts Cost Worksheet
- Schedule C-3 P.A.S.N.Y. Purchased Power Projection for the Period April 1, 2022 through March 31, 2023
- Schedule D Estimated Purchases, Billed Sales and Loss Factor for the Period April 1, 2022 through March 31, 2023
- Schedule D-1 Schedule of Historical Line Losses
- Schedule D-2 Monthly Billing Analysis for the Year Ended December 31, 2020
- Schedule D-3 Monthly Billing Analysis for the Year Ended December 31, 2021
- Schedule E Summary of Projected Purchased Power Costs and Recoveries for the Period January 1, 2022 through March 31, 2023
- Schedule E-1 Schedule of Interest on Over Recoveries for the Year Ended December 31, 2021 and December 31, 2020
- Schedule F Calculation of the Required L.E.A.C. Rate for the Period April 1, 2022 through June 30, 2022
- Schedule G Summary of Purchased Power Costs and Recoveries for the Year Ended December 31, 2021 and 2020
- Schedule H Butler Electric Utility Tariff to be Effective April 1, 2022
- Schedule I Summary of bids received and contracts awarded of the following dates:
- 02/12/2020
- The details for this award will be emailed separately to all on the service list.
- Schedule J Purchased Power Costs for the Year Ended December 31, 2020
Purchased Power Costs for the Year Ended December 31, 2021

Schedule K Gross Operating Billings for the Year Ended December 31, 2021. Estimated Gross Operating Billings for the Year Ended December 31, 2022 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 2020 and 2021 Paid Power Bills:

Exelon/Constellation
PSEG
PJM
PASNY
Nextera

The details for these invoices will be emailed separately to all on the service list

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 \$.035909 per KWH for services rendered after April 1, 2022;

(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: January 26, 2022

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 26th day of January, 2022.



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

**Borough of Butler Electric Utility
L.E.A.C. Rate for Service Rendered
April 1, 2022 Through June 30, 2022**

Borough of Butler Electric Utility
Table of Contents

Schedule A	Summary of Required Filing Contents.
Schedule B	Projection of Kilowatt Hours Purchased for the Period April 1, 2022 through March 31, 2023.
Schedule C-1	Purchased Power Projection for the Period January 1, 2022 through March 31, 2023.
Schedule C-2	Managed Contracts Cost Worksheet
Schedule C-3	P.A.S.N.Y. Purchased Power Projection for the Period April 1, 2022 through March 31, 2023.
Schedule D	Estimated Purchases , Billed Sales and Loss Factor for the Period April 1, 2022 through March 31, 2023.
Schedule D-1	Schedule of Historical Line Losses.
Schedule D-2	Monthly Billing Analysis for the Year Ended December 31, 2020
Schedule D-3	Monthly Billing Analysis for the Year Ended December 31, 2021
Schedule E	Summary of Projected Purchased Power Costs and Recoveries for the Period January 1, 2022 through March 31, 2023.
Schedule E-1	Schedule of Interest on Over Recoveries for the Year Ended December 31, 2021 and December 31, 2020.
Schedule F	Calculation of the Required L.E.A.C. Rate for the Period April 1, 2022 through June 30, 2022.
Schedule G	Summary of Purchased Power Costs and Recoveries for the Years Ended December 31, 2021 and 2020.

Borough of Butler Electric Utility

Table of Contents

(Continued)

Schedule H	Butler Electric Utility Tariff to be Effective April 1, 2022.
Schedule I	Summary of bids received and contracts awarded of the following dates: 2/12/2020 The details for this award will be emailed separately to all on the service list
Schedule J	Purchased Power Costs for the Year Ended December 31, 2020. Purchased Power Costs for the Year Ended December 31, 2021.
Schedule K	Gross Operating Billings for the Year Ended December 31, 2021. Estimated Gross Operating Billings for the Year Ended December 31, 2022 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	2020 & 2021 Paid Power Bills: Exelon/Constellation PSEG PJM PASNY Nextera The details for these invoices will be emailed separately to all on the service list

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 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, 2022 through March 31, 2023

	<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>
2022:					
April	8,878,679	1,666,153	10,544,832	69.14%	7,290,329
May	10,821,188	1,370,186	12,191,374	70.51%	8,596,461
June	15,250,095	1,325,440	16,575,534	74.49%	12,347,308
July	16,664,386	1,474,110	18,138,497	70.98%	12,875,306
August	17,033,668	1,458,991	18,492,660	70.57%	13,050,522
September	12,051,431	1,480,296	13,531,727	66.68%	9,022,914
October	9,952,026	1,555,738	11,507,764	67.54%	7,772,435
November	10,141,072	1,589,184	11,730,255	70.14%	8,228,012
December	11,505,942	1,759,311	13,265,253	71.72%	9,513,314
2023:					
January	12,383,611	1,632,555	14,016,166	70.52%	9,884,438
February	11,221,908	1,448,378	12,670,286	69.79%	8,843,094
March	10,296,740	1,787,259	12,083,999	69.19%	8,360,965
	<u>146,200,745</u>	<u>18,547,601</u>	<u>164,748,347</u>		<u>115,785,096</u>

Basis of Projection:

Total kilowatt hours:

Actual from 2021 with a growth factor of :

1.1651%

Percentage of sales outside of Butler - 2021 actual. No material change is expected for the new LEAC period.

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

Borough of Butler Electric Utility
Summary of Projected Purchased Power Costs
For the Period April 1, 2022 through March 31, 2023

	Other	P.A.S.N.Y.	Total	Percentage of KWH Sales Outside of Butler	Total Projected Costs Outside of Butler
2022:					
April	\$798,511	\$50,353	\$848,864	69.14%	\$586,904
May	\$867,899	\$50,693	\$918,592	70.51%	\$647,699
June	\$957,876	\$47,082	\$1,004,959	74.49%	\$748,594
July	\$1,049,991	\$47,273	\$1,097,265	70.98%	\$778,839
August	\$1,045,475	\$54,146	\$1,099,621	70.57%	\$776,003
September	\$893,952	\$46,716	\$940,667	66.68%	\$627,237
October	\$834,045	\$53,535	\$887,580	67.54%	\$599,472
November	\$821,755	\$51,221	\$872,976	70.14%	\$612,305
December	\$897,623	\$57,392	\$955,015	71.72%	\$684,937
2023:					
January	\$909,635	\$55,405	\$965,040	70.52%	\$680,546
February	\$819,976	\$46,980	\$866,956	69.79%	\$605,049
March	\$846,918	\$58,392	\$905,310	69.19%	\$626,384
	<u>\$10,743,657</u>	<u>\$619,188</u>	<u>\$11,362,845</u>		<u>\$7,973,968</u>

**Borough of Butler Electric Utility
Purchased Power Projection
For the Period January 1, 2022 Through March 31, 2023**

	Total		PASNY	Net	Purchase Guarantees	Excess Purchases /		Rates:				
	KWH	MW				(Sales)						
2022:												
31 January	14,016,166	56.234	1,632,555	12,383,611	16,171,200	(3,787,589)	Metered energy:					
28 February	12,670,286	56.234	1,448,378	11,221,908	13,814,400	(2,592,492)	\$0.02903	per kwh	Nextera (1/1/22-5/31/22)			
31 March	12,083,999	56.234	1,787,259	10,296,740	12,953,100	(2,656,360)	\$0.02959	per kwh	Nextera (1/1/22-5/31/22)			
30 April	10,544,832	56.234	1,666,153	8,878,679	11,587,200	(2,708,521)	\$0.02854	per kwh	Nextera (1/1/22-5/31/22)			
31 May	12,191,374	56.234	1,370,186	10,821,188	13,492,800	(2,671,612)	\$0.02854	per kwh	Nextera (6/1/22-3/31/23)			
30 June	16,575,534	56.234	1,325,440	15,250,095	16,752,600	(1,501,905)	\$0.02950	per kwh	Nextera (6/1/22-3/31/23)			
31 July	18,138,497	56.234	1,474,110	16,664,386	20,151,200	(3,486,814)	\$0.02859	per kwh	BP Energy (6/1/22-3/31/23)			
31 August	18,492,660	56.234	1,458,991	17,033,668	19,716,000	(2,682,332)						
30 September	13,531,727	56.234	1,480,296	12,051,431	15,057,600	(3,006,169)						
31 October	11,507,764	56.234	1,555,738	9,952,026	12,266,400	(2,314,374)						
30 November	11,730,255	56.234	1,589,184	10,141,072	12,245,800	(2,104,728)						
31 December	13,265,253	56.234	1,759,311	11,505,942	14,815,200	(3,309,258)						
2023:												
31 January	14,016,166	56.234	1,632,555	12,383,611	14,966,400	(2,582,789)	\$0.03	per kwh	Excess purchases			
28 February	12,670,286	56.234	1,448,378	11,221,908	13,014,400	(1,792,492)	\$0.010	per kwh	Excess sales			
31 March	12,083,999	56.234	1,787,259	10,296,740	12,766,300	(2,469,560)					56.234409	
30 April				0	0	0			Locational Reliability Charge			56.234409
31 May				0	0	0			\$167.68	per MW per day		
30 June				0	0	0			PJM NITS Charge			
31 July				0	0	0			\$3,676.08	per day		
31 August				0	0	0			Transmission Enhancement Charge			
30 September				0	0	0			\$62,619.00	per month		
31 October				0	0	0			Transmission Enhancement settlement			
30 November				0	0	0			\$2,825	per month 1/1/21-3/31/23		
31 December				0	0	0			RPM Auction			
									\$630	per day		
	<u>203,518,797</u>	<u>0</u>	<u>23,415,793</u>	<u>180,103,004</u>	<u>219,770,000</u>							

	Metered Energy	Transmission Enhancement Settlement	Locational Reliability Charges	Transmission Enhancement Charges	Other Supporting Facilities Charges	Network Integration Transmission Service Charges	RPM Auction Charge	Other Charges (*)	Excess Purchases / (Sales)	Subtotal	PASNY	Total Projected Purchased Power Costs	
2022:													
January	\$469,450	\$2,825	\$292,311	\$62,619	\$4,982	\$113,958	\$19,530	\$6,686	(\$37,876)	\$934,486	\$55,405	\$989,891	
February	\$401,113	\$2,825	\$264,023	\$62,619	\$4,982	\$102,930	\$17,640	\$6,686	(\$25,925)	\$836,893	\$46,980	\$883,873	
March	\$375,967	\$2,825	\$292,311	\$62,619	\$4,982	\$113,958	\$19,530	\$6,686	(\$26,564)	\$852,315	\$58,392	\$910,707	
April	\$336,420	\$2,825	\$282,882	\$62,619	\$4,982	\$110,282	\$18,900	\$6,686	(\$27,085)	\$798,511	\$50,353	\$848,864	
May	\$391,704	\$2,825	\$292,311	\$62,619	\$4,982	\$113,958	\$19,530	\$6,686	(\$26,716)	\$867,899	\$50,693	\$918,592	
June	\$483,719	\$2,825	\$282,882	\$62,619	\$4,982	\$110,282	\$18,900	\$6,686	(\$15,019)	\$957,876	\$47,082	\$1,004,959	
July	\$581,948	\$2,825	\$292,311	\$62,619	\$4,982	\$113,958	\$19,530	\$6,686	(\$34,868)	\$1,049,991	\$47,273	\$1,097,265	
August	\$569,387	\$2,825	\$292,311	\$62,619	\$4,982	\$113,958	\$19,530	\$6,686	(\$26,823)	\$1,045,475	\$54,146	\$1,099,621	
September	\$434,837	\$2,825	\$282,882	\$62,619	\$4,982	\$110,282	\$18,900	\$6,686	(\$30,062)	\$893,952	\$46,716	\$940,667	
October	\$354,277	\$2,825	\$292,311	\$62,619	\$4,982	\$113,958	\$19,530	\$6,686	(\$23,144)	\$834,045	\$53,535	\$887,580	
November	\$353,626	\$2,825	\$282,882	\$62,619	\$4,982	\$110,282	\$18,900	\$6,686	(\$21,047)	\$821,755	\$51,221	\$872,976	
December	\$427,804	\$2,825	\$292,311	\$62,619	\$4,982	\$113,958	\$19,530	\$6,686	(\$33,093)	\$897,623	\$57,392	\$955,015	
2023:													
January	\$432,552	\$2,825	\$292,311	\$62,619	\$4,982	\$113,958	\$19,530	\$6,686	(\$25,828)	\$909,635	\$55,405	\$965,040	
February	\$376,196	\$2,825	\$264,023	\$62,619	\$4,982	\$102,930	\$17,640	\$6,686	(\$17,925)	\$819,976	\$46,980	\$866,956	
March	\$368,702	\$2,825	\$292,311	\$62,619	\$4,982	\$113,958	\$19,530	\$6,686	(\$24,696)	\$846,918	\$58,392	\$905,310	
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	
	<u>\$6,367,704</u>	<u>\$42,375</u>	<u>\$4,290,370</u>		<u>\$74,730</u>	<u>\$1,672,616</u>	<u>\$286,650</u>	<u>\$100,290</u>	<u>(\$396,670)</u>	<u>\$0</u>	<u>\$13,367,351</u>	<u>\$779,964</u>	<u>\$14,147,316</u>

Basis of projection: 2021 actual

Usage:	2021 Actual KWH	*Other Charges (per month):	Total cost per kwh
Growth factor:	1.1651%	PJM Membership \$417	\$0.069514
KWH Billed Outside of Butler:		Capacity Transfer \$5,155	Total fixed cost per kwh \$0.031239
2021	105,001,543	FERC Annual Recovery Charge \$1,114	Total pass-through costs per kwh \$0.038275
2020	103,792,248		
Increase	1,209,295		
Percentage Increase	1.1651%		
	January		
	February		
	March		
	April		
	May		
	June		
	July		
	August		
	September		
	October		
	November		
	December		

Borough of Butler Electric Utility
Managed Contracts Cost Worksheet
6/21-5/22

	2022				
	Jan.	Feb.	March	April	May
on peak hours	336	320	368	336	336
off peak hours	408	352	375	384	408
	<u>744</u>	<u>672</u>	<u>743</u>	<u>720</u>	<u>744</u>
<u>Nextera</u>					
on peak hours (per MWh per day)	7.3	7.3	6.2	5.8	6.6
off peak hours (per MWh per day)	6.6	6	4.8	4.6	5.1
kwh purchased					
on peak	2,452,800	2,336,000	2,281,600	1,948,800	2,217,600
off peak	2,692,800	2,112,000	1,800,000	1,766,400	2,080,800
	<u>5,145,600</u>	<u>4,448,000</u>	<u>4,081,600</u>	<u>3,715,200</u>	<u>4,298,400</u>
Cost \$ 29.03 (per MWh)					
on peak	\$ 71,205	\$ 67,814	\$ 66,235	\$ 56,574	\$ 64,377
off peak	\$ 78,172	\$ 61,311	\$ 52,254	\$ 51,279	\$ 60,406
	<u>\$ 149,377</u>	<u>\$ 129,125</u>	<u>\$ 118,489</u>	<u>\$ 107,852</u>	<u>\$ 124,783</u>
<u>Nextera</u>					
on peak hours (per MWh per day)	7.3	7.3	6.2	5.8	6.6
off peak hours (per MWh per day)	6.6	6	4.8	4.6	5.1
kwh purchased					
on peak	2,452,800	2,336,000	2,281,600	1,948,800	2,217,600
off peak	2,692,800	2,112,000	1,800,000	1,766,400	2,080,800
	<u>5,145,600</u>	<u>4,448,000</u>	<u>4,081,600</u>	<u>3,715,200</u>	<u>4,298,400</u>
Cost \$ 29.59 (per MWh)					
on peak	\$ 72,578	\$ 69,122	\$ 67,513	\$ 57,665	\$ 65,619
off peak	\$ 79,680	\$ 62,494	\$ 53,262	\$ 52,268	\$ 61,571
	<u>\$ 152,258</u>	<u>\$ 131,616</u>	<u>\$ 120,775</u>	<u>\$ 109,933</u>	<u>\$ 127,190</u>
<u>Nextera</u>					
on peak hours (per MWh per day)	9.0	8.0	6.8	6.2	6.8
off peak hours (per MWh per day)	7	6.7	6.1	5.4	6.4
kwh purchased					
on peak	3,024,000	2,560,000	2,502,400	2,083,200	2,284,800
off peak	2,856,000	2,358,400	2,287,500	2,073,600	2,611,200
	<u>5,880,000</u>	<u>4,918,400</u>	<u>4,789,900</u>	<u>4,156,800</u>	<u>4,896,000</u>
Cost \$ 28.54 (per MWh)					
on peak	\$ 86,305	\$ 73,062	\$ 71,418	\$ 59,455	\$ 65,208
off peak	\$ 81,510	\$ 67,309	\$ 65,285	\$ 59,181	\$ 74,524
	<u>\$ 167,815</u>	<u>\$ 140,371</u>	<u>\$ 136,704</u>	<u>\$ 118,635</u>	<u>\$ 139,732</u>
<u>Summary</u>					
kwh purchased					
on peak	7,929,600	7,232,000	7,065,600	5,980,800	6,720,000
off peak	8,241,600	6,582,400	5,887,500	5,606,400	6,772,800
	<u>16,171,200</u>	<u>13,814,400</u>	<u>12,953,100</u>	<u>11,587,200</u>	<u>13,492,800</u>
Cost					
on peak	\$ 230,088	\$ 209,999	\$ 205,166	\$ 173,693	\$ 195,204
off peak	\$ 239,362	\$ 191,114	\$ 170,801	\$ 162,727	\$ 196,500
	<u>\$ 469,450</u>	<u>\$ 401,113</u>	<u>\$ 375,967</u>	<u>\$ 336,420</u>	<u>\$ 391,704</u>

Borough of Butler Electric Utility
Managed Contracts Cost Worksheet
6/22-5/23

	2022								2023		
	June	July	August	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	
on peak hours	352	320	368	336	336	336	336	336	320	368	
off peak hours	368	424	376	384	408	385	408	408	352	375	
	720	744	744	720	744	721	744	744	672	743	
Nextera											
on peak hours (per MWh per day)	9	10.7	11	7.7	6.3	6.2	7.5	8	7.8	6.2	
off peak hours (per MWh per day)	6.6	7.9	7.4	6.3	4.7	4.9	5.9	6.7	6.5	4.8	
kwh purchased											
on peak	3,168,000	3,424,000	4,048,000	2,587,200	2,116,800	2,083,200	2,520,000	2,688,000	2,496,000	2,281,600	
off peak	2,428,800	3,349,600	2,782,400	2,419,200	1,917,600	1,886,500	2,407,200	2,733,600	2,288,000	1,800,000	
	5,596,800	6,773,600	6,830,400	5,006,400	4,034,400	3,969,700	4,927,200	5,421,600	4,784,000	4,081,600	
Cost \$ 28.54 (per MWh)											
on peak	\$ 90,415	\$ 97,721	\$ 115,530	\$ 73,839	\$ 60,413	\$ 59,455	\$ 71,921	\$ 76,716	\$ 71,236	\$ 65,117	
off peak	\$ 69,318	\$ 95,598	\$ 79,410	\$ 69,044	\$ 54,728	\$ 53,841	\$ 68,701	\$ 78,017	\$ 65,300	\$ 51,372	
	\$ 159,733	\$ 193,319	\$ 194,940	\$ 142,883	\$ 115,142	\$ 113,295	\$ 140,622	\$ 154,732	\$ 136,535	\$ 116,489	
Nextera											
on peak hours (per MWh per day)	9	10.7	10.5	7.7	6.3	6.2	7.5	8	7.8	6.4	
off peak hours (per MWh per day)	6.5	7.9	7.4	6.4	5	5.2	5.9	6.7	6.5	5.2	
kwh purchased											
on peak	3,168,000	3,424,000	3,864,000	2,587,200	2,116,800	2,083,200	2,520,000	2,688,000	2,496,000	2,355,200	
off peak	2,392,000	3,349,600	2,782,400	2,457,600	2,040,000	2,002,000	2,407,200	2,733,600	2,288,000	1,950,000	
	5,560,000	6,773,600	6,646,400	5,044,800	4,156,800	4,085,200	4,927,200	5,421,600	4,784,000	4,305,200	
Cost \$ 29.50 (per MWh)											
on peak	\$ 93,456	\$ 101,008	\$ 113,988	\$ 76,322	\$ 62,446	\$ 61,454	\$ 74,340	\$ 79,296	\$ 73,632	\$ 69,478	
off peak	\$ 70,564	\$ 98,813	\$ 82,081	\$ 72,499	\$ 60,180	\$ 59,059	\$ 71,012	\$ 80,641	\$ 67,496	\$ 57,525	
	\$ 164,020	\$ 199,821	\$ 196,069	\$ 148,822	\$ 122,626	\$ 120,513	\$ 145,352	\$ 159,937	\$ 141,128	\$ 127,003	
BP Energy											
on peak hours (per MWh per day)	9.1	10.7	9.7	7.7	6.3	6.4	7.6	6.2	5.6	6.5	
off peak hours (per MWh per day)	6.5	7.5	7.1	6.3	4.8	5.3	5.9	5	4.7	5.3	
kwh purchased											
on peak	3,203,200	3,424,000	3,569,600	2,587,200	2,116,800	2,150,400	2,553,600	2,083,200	1,792,000	2,392,000	
off peak	2,392,000	3,180,000	2,669,600	2,419,200	1,958,400	2,040,500	2,407,200	2,040,000	1,654,400	1,987,500	
	5,595,200	6,604,000	6,239,200	5,006,400	4,075,200	4,190,900	4,960,800	4,123,200	3,446,400	4,379,500	
Cost \$ 28.59 (per MWh)											
on peak	\$ 91,579	\$ 97,892	\$ 102,055	\$ 73,968	\$ 60,519	\$ 61,480	\$ 73,007	\$ 59,559	\$ 51,233	\$ 68,387	
off peak	\$ 68,387	\$ 90,916	\$ 76,324	\$ 69,165	\$ 55,991	\$ 58,338	\$ 68,822	\$ 58,324	\$ 47,299	\$ 56,823	
	\$ 159,967	\$ 188,808	\$ 178,379	\$ 143,133	\$ 116,510	\$ 119,818	\$ 141,829	\$ 117,882	\$ 98,533	\$ 125,210	
Summary											
kwh purchased											
on peak	9,539,200	10,272,000	11,481,600	7,761,600	6,350,400	6,316,800	7,593,600	7,459,200	6,784,000	7,028,800	
off peak	7,212,800	9,879,200	8,234,400	7,296,000	5,916,000	5,929,000	7,221,600	7,507,200	6,230,400	5,737,500	
	16,752,000	20,151,200	19,716,000	15,057,600	12,266,400	12,245,800	14,815,200	14,966,400	13,014,400	12,766,300	
Cost											
on peak	\$ 275,450	\$ 296,621	\$ 331,573	\$ 224,129	\$ 183,378	\$ 182,389	\$ 219,268	\$ 215,570	\$ 196,101	\$ 202,983	
off peak	\$ 208,269	\$ 285,327	\$ 237,814	\$ 210,708	\$ 170,899	\$ 171,238	\$ 208,536	\$ 216,982	\$ 180,095	\$ 165,720	
	\$ 483,719	\$ 581,948	\$ 569,387	\$ 434,837	\$ 354,277	\$ 353,626	\$ 427,804	\$ 432,552	\$ 376,196	\$ 368,702	

Borough of Butler Electric Utility
P.A.S.N.Y Purchased Power Projection
For the Period April 1, 2022 through March 31, 2023

	<u>Total</u>	<u>Demand</u>	<u>Energy</u>	<u>Transmission</u>	<u>Wheeling</u>	<u>Other</u>
2022:						
April	\$50,353	\$11,971	\$7,883	\$796	\$6,805	\$22,898
May	\$50,693	\$12,052	\$7,936	\$801	\$6,851	\$23,053
June	\$47,082	\$11,193	\$7,371	\$744	\$6,363	\$21,411
July	\$47,273	\$11,239	\$7,401	\$747	\$6,389	\$21,498
August	\$54,146	\$12,873	\$8,477	\$856	\$7,317	\$24,623
September	\$46,716	\$11,106	\$7,314	\$738	\$6,313	\$21,244
October	\$53,535	\$12,728	\$8,381	\$846	\$7,235	\$24,345
November	\$51,221	\$12,177	\$8,019	\$810	\$6,922	\$23,293
December	\$57,392	\$13,644	\$8,985	\$907	\$7,756	\$26,099
2023:						
January	\$55,405	\$13,172	\$8,674	\$876	\$7,487	\$25,195
February	\$46,980	\$11,169	\$7,355	\$743	\$6,349	\$21,364
March	\$58,392	\$13,882	\$9,142	\$923	\$7,891	\$26,554
	<u>\$619,188</u>	<u>\$147,207</u>	<u>\$96,940</u>	<u>\$9,787</u>	<u>\$83,678</u>	<u>\$281,577</u>

Basis of Projection:
Actual for 2021.

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, 2022 through March 31, 2023

	<u>Kilowatt Hours</u>		<u>Line Loss</u>
	<u>Purchased</u>	<u>Billed</u>	
2022:			
April	7,290,329	7,322,502	(32,173)
May	8,596,461	6,923,168	1,673,294
June	12,347,308	9,614,746	2,732,562
July	12,875,306	12,085,816	789,489
August	13,050,522	11,494,729	1,555,793
September	9,022,914	10,447,514	(1,424,601)
October	7,772,435	7,359,305	413,131
November	8,228,012	7,294,717	933,295
December	9,513,314	7,648,818	1,864,496
2023:			
January	9,884,438	9,320,605	563,833
February	8,843,094	9,003,238	(160,144)
March	8,360,965	7,709,771	651,194
Total	<u>115,785,096</u>	<u>106,224,928</u>	<u>9,560,168</u>
Projected line loss percentage			<u>8.257%</u>

Basis of projection:

Actual for 2021 for customers outside of the Borough of Butler.

Growth factor of: 1.1651%

	<u>Actual 2021 KWH Billed Outside of Butler</u>
January	9,213,260
February	8,899,548
March	7,620,978
April	7,238,169
May	6,843,434
June	9,504,014
July	11,946,625
August	11,362,345
September	10,327,191
October	7,274,548
November	7,210,704
December	7,560,727
	<u>105,001,543</u>

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

<u>Year Ended</u> <u>December 31,</u>	<u>Kilowatt Hours</u>		<u>Line Loss</u> <u>Percentage</u>
	<u>Purchased</u>	<u>Billed</u>	
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%
2020	113,929,792	103,792,248	8.90%
2021	114,451,608	105,001,543	8.26%
5 year average for sales outside of the Borough of Butler			<u>8.03%</u>

Schedule of Historical Line Losses - System Wide

<u>Year Ended</u> <u>December 31,</u>	<u>Kilowatt Hours</u>		<u>Line Loss</u> <u>Percentage</u>
	<u>Purchased</u>	<u>Billed</u>	
2017	164,663,185	151,891,834	7.76%
2018	169,804,530	158,584,468	6.61%
2019	162,696,572	149,164,528	8.36%
2020	162,040,786	148,009,831	8.66%
2021	162,850,952	149,774,908	8.03%
5 year average			<u>7.86%</u>

BUTLER BOROUGH YEAR ENDED DECEMBER 31, 2020
ELECTRIC UTILITY BILLING ANALYSIS - BY TOWN - KWH

KWH Billed:

Butler:	January	February	March	April	May	June	July	August	September	October	November	December
Total	23,921,018	1,875,597	1,655,675	1,438,558	1,417,195	1,701,556	2,909,930	3,585,197	2,833,878	1,890,707	1,481,826	1,577,453
Residential	17,611,945	1,645,819	1,593,498	1,468,694	1,095,753	1,250,450	1,594,226	1,813,430	1,619,448	1,443,240	1,336,870	1,324,212
Commercial	2,187,764	295,053	298,702	249,654	165,214	129,038	140,350	154,457	129,874	106,055	128,683	181,002
All electric	187,904	16,267	15,471	15,471	15,609	15,633	15,637	15,637	15,637	15,635	15,635	15,635
Flood lighting	308,952	25,746	25,746	25,746	25,746	25,746	25,746	25,746	25,746	25,746	25,746	25,746
St. lighting	44,217,583	3,858,482	3,589,092	3,188,123	2,719,545	3,122,423	4,685,889	5,594,467	4,624,583	3,481,383	2,986,760	3,124,048

Kinnelon:

Total	48,409,478	3,299,365	3,628,575	3,088,886	3,240,950	4,779,543	6,331,346	6,201,468	4,280,453	3,326,302	3,237,573	3,731,451
Residential	12,585,403	1,060,267	1,210,895	1,032,939	874,388	992,115	1,211,473	1,211,849	1,107,104	1,043,238	1,022,815	991,459
Commercial	526,963	54,775	67,608	43,842	46,497	34,101	43,286	42,519	31,887	29,291	41,270	57,481
All electric	206,122	17,178	17,178	17,178	17,178	17,173	17,177	17,177	17,177	17,176	17,176	17,176
Flood lighting	37,128	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094
St. lighting	61,765,094	4,434,679	4,927,350	4,185,939	4,122,489	5,826,026	7,606,376	7,476,107	5,439,715	4,419,101	4,321,928	4,800,661

Bloomingtondale:

Total	24,254,577	1,812,432	1,720,675	1,561,863	1,487,259	2,094,204	2,998,091	3,484,011	2,647,027	1,515,762	1,581,210	1,755,533
Residential	8,739,447	807,049	862,457	770,563	626,903	631,604	747,317	829,781	766,753	603,632	671,391	713,733
Commercial	2,001,708	252,809	269,182	219,311	144,364	111,727	134,341	148,101	119,431	88,910	134,765	212,763
All electric	147,688	12,386	12,386	12,386	12,386	12,386	12,275	12,220	12,220	12,219	12,219	12,219
Flood lighting	222,864	18,572	18,572	18,572	18,572	18,572	18,572	18,572	18,572	18,572	18,572	18,572
St. lighting	35,366,284	2,903,248	2,883,272	2,582,695	2,289,484	2,868,493	3,910,596	4,492,685	3,564,003	2,239,095	2,418,157	2,712,820

West Milford:

Total	299,571	12,087	13,403	13,073	11,887	12,884	17,240	18,706	16,385	11,449	12,259	13,093
Residential	163,529	2,014	2,014	2,014	2,014	2,014	2,014	2,014	2,014	2,014	2,014	2,014
Commercial	24,168	2,014	2,014	2,014	2,014	2,014	2,014	2,014	2,014	2,014	2,014	2,014
All electric	487,268	40,700	42,292	38,358	37,121	35,850	49,033	54,805	44,612	31,393	35,634	40,319

Riverdale:

Total	89,083	5,275	5,428	4,790	5,598	6,109	10,552	11,613	9,378	6,676	7,360	8,137
Residential	6,076,167	526,017	532,305	460,462	387,418	355,720	465,473	581,114	665,970	620,566	522,053	495,135
Commercial	7,872	656	656	656	656	656	656	656	656	656	656	656
All electric	480	40	40	40	40	40	40	40	40	40	40	40
Flood lighting	6,173,602	531,988	538,429	465,948	393,712	362,525	474,336	592,362	678,279	630,640	471,306	503,968
St. lighting	148,009,831	11,769,097	11,980,435	10,471,063	10,370,080	9,529,893	12,328,429	16,844,256	18,296,343	14,303,553	10,642,278	11,181,816

O/S Butler

Total	103,792,248	7,910,615	8,391,343	7,272,940	7,137,292	6,810,348	9,206,006	12,158,367	12,701,876	9,678,970	7,160,895	8,057,768
% O/S Butler	70.13%	67.22%	70.04%	69.46%	68.33%	71.46%	74.67%	72.18%	69.42%	67.67%	67.29%	70.98%
Butler share	29.87%	32.78%	29.96%	30.54%	31.17%	28.54%	25.33%	27.82%	30.58%	32.33%	32.71%	29.02%

All:

Total	96,973,727	7,019,268	7,037,228	6,117,368	6,442,340	6,174,286	8,605,723	12,279,698	13,316,374	9,796,949	6,757,377	7,097,786
Residential	45,176,491	4,051,239	4,212,558	3,745,731	3,408,262	2,916,300	3,352,526	4,151,370	4,539,736	4,130,256	3,565,493	3,537,632
Commercial	4,716,435	602,637	635,492	512,807	424,183	343,984	274,866	317,977	345,077	281,192	224,256	451,246
All electric	573,754	48,501	47,705	47,705	47,843	47,871	47,862	47,759	47,704	47,704	47,700	47,700
Flood lighting	569,424	47,452	47,452	47,452	47,452	47,452	47,452	47,452	47,452	47,452	47,452	47,452
St. lighting	148,009,831	11,769,097	11,980,435	10,471,063	10,370,080	9,529,893	12,328,429	16,844,256	18,296,343	14,303,553	10,642,278	11,181,816

* Includes County of Passaic & State of New Jersey

O/S Butler:

Total	73,052,709	5,143,671	5,381,553	4,678,810	4,888,894	4,757,091	6,904,167	9,369,768	9,731,177	6,963,071	4,866,670	5,520,333
Residential	27,564,546	2,405,420	2,619,060	2,277,037	1,981,957	1,820,547	2,102,076	2,957,144	2,726,306	2,510,808	2,122,253	2,213,420
Commercial	2,528,671	307,584	336,790	263,153	212,501	178,770	145,828	177,827	190,620	151,318	118,201	176,035
All electric	385,850	32,234	32,234	32,234	32,234	32,234	32,229	32,122	32,067	32,067	32,065	32,065
Flood lighting	260,472	21,706	21,706	21,706	21,706	21,706	21,706	21,706	21,706	21,706	21,706	21,706
St. lighting	103,792,248	7,910,615	8,391,343	7,272,940	7,137,292	6,810,348	9,206,006	12,158,367	12,701,876	9,678,970	7,160,895	8,057,768

BUTLER BOROUGH YEAR ENDED DECEMBER 31, 2021
ELECTRIC UTILITY BILLING ANALYSIS - BY TOWN - KWH

KWH Billed:

Butler:	January	February	March	April	May	June	July	August	September	October	November	December
Total	24,383,144	2,053,863	1,972,952	1,717,396	1,591,669	1,402,083	2,936,810	2,859,355	3,167,026	1,938,657	1,543,498	1,482,892
Residential	17,651,982	1,480,753	1,459,005	1,373,517	1,286,077	1,383,238	1,786,820	1,705,682	1,810,330	1,414,752	1,375,008	1,259,755
Commercial	2,243,606	275,155	378,264	297,828	224,790	113,135	138,686	131,895	141,902	101,752	109,634	198,144
All electric	185,981	15,657	15,658	15,492	15,496	15,503	15,501	15,501	15,566	15,144	15,342	15,325
Flood lighting	308,952	25,746	25,746	25,746	25,746	25,746	25,746	25,746	25,746	25,746	25,746	25,746
St. lighting	44,773,365	3,851,174	3,851,625	3,393,527	3,231,218	2,861,823	4,883,563	4,738,159	5,160,570	3,496,051	3,069,228	2,981,862

Kinnelon:

Total	49,064,001	4,321,952	4,107,541	3,125,117	3,134,609	3,255,664	4,640,109	6,289,932	5,513,857	4,835,041	3,207,231	3,196,887
Residential	13,298,338	1,158,184	1,118,441	997,277	1,038,260	1,181,949	1,304,829	1,209,521	1,193,817	1,015,646	1,036,688	987,479
Commercial	545,472	75,117	82,023	52,629	37,066	27,407	35,960	45,655	33,097	25,933	41,433	50,667
All electric	207,510	17,223	17,295	17,295	17,300	17,300	17,305	17,305	17,305	17,294	17,294	17,294
Flood lighting	37,128	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094
St. lighting	63,152,449	5,575,570	5,328,394	4,195,412	4,268,316	4,341,725	5,878,412	7,660,815	6,782,262	6,082,354	4,269,198	4,295,196

Bloomingtondale:

Total	24,332,171	1,996,407	1,877,346	1,801,143	1,606,765	1,391,495	2,231,795	2,789,149	2,979,299	2,690,492	1,724,828	1,578,948
Residential	8,837,325	768,174	825,642	799,606	726,065	616,528	742,898	757,152	819,911	777,203	654,694	667,729
Commercial	2,023,294	279,915	297,345	263,090	170,197	114,413	114,695	124,277	130,324	117,542	86,452	122,306
All electric	145,362	12,215	12,215	12,215	12,216	12,135	12,052	12,056	12,056	12,056	12,048	12,048
Flood lighting	222,864	18,572	18,572	18,572	18,572	18,572	18,572	18,572	18,572	18,572	18,572	18,572
St. lighting	35,561,016	3,075,283	3,031,120	2,894,626	2,533,817	2,150,143	3,120,012	3,701,206	3,960,162	3,615,865	2,496,594	2,399,603

West Milford:

Total	278,387	25,978	24,918	24,431	21,220	17,421	23,017	27,437	28,611	25,947	17,723	19,019
Residential	237,813	17,163	16,579	15,939	14,243	14,117	18,398	32,503	38,486	24,093	16,450	14,159
Commercial	24,159	2,013	2,013	2,013	2,013	2,013	2,013	2,014	2,014	2,014	2,013	2,013
Flood lighting	540,359	45,154	43,510	42,383	37,475	33,551	43,428	61,954	69,111	52,054	36,186	40,361

Riverdale:

Total	98,010	8,427	8,548	8,298	7,186	6,407	8,567	10,311	10,315	9,806	6,586	6,996
Residential	5,641,357	508,130	487,280	479,563	390,678	310,912	452,899	511,643	539,799	566,416	465,288	473,455
Commercial	7,872	656	656	656	656	656	656	656	656	656	656	656
Flood lighting	480	40	40	40	40	40	40	40	40	40	40	40
St. lighting	5,747,719	517,253	496,524	488,557	398,560	318,015	462,162	522,650	550,810	576,918	472,570	480,714
Total	149,774,908	13,084,434	12,751,173	11,014,505	10,469,387	9,705,257	12,758,579	16,830,188	16,100,504	15,487,761	10,779,932	10,542,589

O/S Butler

Total	105,001,543	9,213,260	8,899,548	7,620,978	7,238,169	6,843,434	9,504,014	11,946,625	11,362,345	10,327,191	7,274,548	7,210,704
% O/S Butler	70.11%	70.52%	69.79%	69.19%	69.14%	70.51%	74.49%	70.98%	70.57%	66.68%	67.54%	70.14%
Butler share	29.89%	29.48%	30.21%	30.81%	30.86%	29.49%	25.51%	29.02%	29.43%	33.32%	32.46%	29.86%

All:

Total	98,155,713	8,406,627	7,991,305	6,676,385	6,361,449	6,073,070	8,620,431	12,063,639	11,391,437	10,728,312	6,895,025	6,344,715
Residential	45,666,815	3,932,404	3,906,947	3,629,450	3,580,750	3,265,894	3,779,382	4,372,947	4,313,379	4,371,859	3,566,830	3,379,934
Commercial	4,812,372	630,187	757,632	613,547	432,053	271,241	263,790	308,618	300,704	292,541	214,137	273,373
All electric	570,584	47,764	47,837	47,671	47,683	47,600	47,524	47,532	47,532	47,597	47,155	47,353
Flood lighting	569,424	47,452	47,452	47,452	47,452	47,452	47,452	47,452	47,452	47,452	47,452	47,452
St. lighting	149,774,908	13,064,434	12,751,173	11,014,505	10,469,387	9,705,257	12,758,579	16,830,188	16,100,504	15,487,761	10,779,932	10,542,589

* Includes County of Passaic & State of New Jersey

O/S Butler:

Total	73,772,569	6,352,764	6,018,353	4,958,989	4,769,780	4,670,987	6,903,488	9,116,829	8,532,082	7,561,286	4,956,368	4,801,217
Residential	28,014,833	2,451,651	2,447,942	2,292,395	2,207,233	1,979,817	2,396,144	2,606,127	2,607,717	2,561,529	2,152,078	2,120,179
Commercial	2,568,766	355,032	379,368	315,719	207,263	138,820	150,695	169,932	169,809	150,639	112,385	163,739
All electric	384,903	32,107	32,179	32,179	32,167	32,104	32,021	32,031	32,031	32,031	32,011	32,011
Flood lighting	260,472	21,706	21,706	21,706	21,706	21,706	21,706	21,706	21,706	21,706	21,706	21,706
St. lighting	105,001,543	9,213,260	8,999,548	7,620,978	7,238,169	6,843,434	9,504,014	11,946,625	11,362,345	10,327,191	7,274,548	7,210,704

Schedule E
Schedule E-1

Borough of Butler Electric Utility
Summary of Projected Purchased Power Costs and Recoveries
for the Period January 1, 2022 through March 31, 2023

	Purchased Power		Billing	Recovery Through		(Under)/ Over Recovery	Cumulative (Under)/ Over Recovery
	KWH	Cost	KWH	LEAC Charges	Recovery		
Balance Forward							
Interest on Prior year Over-recovery							
Adjusted Balance Forward							2,350
January	9,884,438	\$ 698,071	9,320,605	\$ 670,524	\$	(27,546)	4,196,575
February	8,843,094	616,855	9,003,238	647,693		30,838	4,169,029
March	8,360,965	630,118	7,709,771	554,641		(75,477)	4,199,867
Subtotal	27,088,496	1,945,044	26,033,613	1,872,858		(72,186)	4,124,389
April	7,290,329	586,904	7,322,502	262,944		(323,961)	3,800,429
May	8,596,461	647,699	6,923,168	248,604		(399,095)	3,401,333
June	12,347,308	748,594	9,614,746	345,256		(403,338)	2,997,995
July	12,875,306	778,839	12,085,816	433,990		(344,849)	2,653,147
August	13,050,522	776,003	11,494,729	412,764		(363,239)	2,289,908
September	9,022,914	627,237	10,447,514	375,160		(252,077)	2,037,831
October	7,772,435	599,472	7,359,305	264,265		(335,206)	1,702,624
November	8,228,012	612,305	7,294,717	261,946		(350,359)	1,352,265
December	9,513,314	684,937	7,648,818	274,661		(410,275)	941,990
January	9,884,438	680,546	9,320,605	334,694		(345,853)	596,137
February	8,843,094	605,049	9,003,238	323,297		(281,751)	314,386
March	8,360,965	626,384	7,709,771	276,850		(349,534)	(35,148)
Subtotal	115,785,096	7,973,968	106,224,928	3,814,431		(4,159,538)	(35,148)
Grand Total	142,873,592	\$ 9,919,012	132,258,541	\$ 5,687,289		\$ (4,231,723)	\$ (35,148)

Borough of Butler Electric Utility
Schedule of Interest on Over Recoveries
For the Year Ended December 31, 2020

	(A) Interest rate		Cumulative (Under) \ Over- Recovery	Average Monthly Balance	Interest Earned
	Annual	Monthly			
Balance Forward			\$2,097,018		
January	1.51%	0.1258%	\$2,219,406	\$2,158,212	\$2,716
February	1.51%	0.1258%	\$2,404,930	\$2,312,168	\$2,909
March	1.51%	0.1258%	\$2,512,647	\$2,458,789	\$3,094
April	1.51%	0.1258%	\$2,632,350	\$2,572,499	\$3,237
May	1.51%	0.1258%	\$2,683,636	\$2,657,993	\$3,345
June	1.51%	0.1258%	\$2,545,439	\$2,614,538	\$3,290
July	1.51%	0.1258%	\$2,752,578	\$2,649,009	\$3,333
August	1.51%	0.1258%	\$3,097,044	\$2,924,811	\$3,680
September	1.51%	0.1258%	\$3,307,719	\$3,202,382	\$4,030
October	1.51%	0.1258%	\$3,348,762	\$3,328,241	\$4,188
November	1.51%	0.1258%	\$3,371,936	\$3,360,349	\$4,228
December	1.51%	0.1258%	\$3,400,429	\$3,386,183	\$4,261
Total					<u><u>\$42,312</u></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, 2021

	(A)		Cumulative (Under) \ Over- Recovery	Average Monthly Balance	Interest Earned
	Annual	Monthly			
Balance Forward			\$3,442,741		
January	0.06%	0.0050%	\$3,544,729	\$3,493,735	\$175
February	0.06%	0.0050%	\$3,717,102	\$3,630,916	\$182
March	0.06%	0.0050%	\$3,751,986	\$3,734,544	\$187
April	0.06%	0.0050%	\$3,789,246	\$3,770,616	\$189
May	0.06%	0.0050%	\$3,737,187	\$3,763,217	\$188
June	0.06%	0.0050%	\$3,766,722	\$3,751,955	\$188
July	0.06%	0.0050%	\$3,947,532	\$3,857,127	\$193
August	0.06%	0.0050%	\$4,071,106	\$4,009,319	\$200
September	0.06%	0.0050%	\$4,302,485	\$4,186,796	\$209
October	0.06%	0.0050%	\$4,298,382	\$4,300,434	\$215
November	0.06%	0.0050%	\$4,263,728	\$4,281,055	\$214
December	0.06%	0.0050%	\$4,194,225	\$4,228,977	\$211
Total					<u>\$2,350</u>

(A) Source:

New Jersey Cash Management Fund



Tropical Storm Ida Recovery

HELP AVAILABLE

OFFICIAL SITE OF THE STATE OF NEW JERSEY

[Translate](#) [Get Updates](#) [Search](#)

[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
Annualized Monthly Rate for November 2021	0.06	0.04
Annualized Daily Rate on 11/30/2021	0.06	0.04

Show entries

Search:

Fiscal Year	Avg. Annualized Daily Rate:		Avg. Annualized Compounded Rate (1):
	State	Other-than-State	Other-than-State
2021	0.12	0.06	0.06
2020	1.57	1.51	1.54
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

Previous Next

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

Last Updated: Friday, 10/01/21



Back to top

Schedule F

Borough of Butler Electric Utility
Calculation of the Required L.E.A.C. Rate
For the Period April 1, 2022 Through June 30, 2022

Projected cost of purchased power 4/1/22 - 3/31/23	\$	7,973,968
Less: Projected over recovery at 4/1/22		4,124,389
Projected net costs to be recovered		3,849,579
To be recovered through L.E.A.C. charges 4/1/22 - 3/31/23	\$	3,849,579
Projected average cost per KWH purchases 4/1/22 - 3/31/23 -Net of projected over recovery at 4/1/22 (\$3,849,579 divided by 115,785,096)	\$	0.033248

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

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.

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

$$A = [(.033248) (115,785,096/107,204,928)] *$$

$$A = \underline{\underline{\$0.035909}} *$$

* Line loss adjusted to 8.03%, the five year average for line loss outside of the Borough

Borough of Butler Electric Utility
Calculation of the Required L.E.A.C. Rate
For the Period April 1, 2022 Through June 30, 2022
(Continued)

Projected KWH Billed 4/1/22 - 3/31/23	<u><u>106,224,928</u></u>
L.E.A.C. Recovery:	
(106,224,928) (\$0.035909)	\$ 3,814,431
Required recovery	<u>\$ 3,849,579</u>
Projected Under Recovery at March 31, 2023	<u><u>\$ (35,148)</u></u>

Schedule G

Borough of Butler Electric Utility
Summary of Purchased Power Costs and Recoveries
for the Year Ended December 31, 2020
Customers Outside of Borough Boundaries

	Purchased Power		Billing		Line Loss Percentage	Recovery Through LEAC Charges	(Under)/ Over Recovery	Cumulative (Under)/ Over Recovery
	KWH	Cost	Average Cost Per KWH	KWH				
Balance Forward								
Interest on Prior Year								
Over- recovery								
Adjusted Balance								
Forward								
January	8,756,745	\$573,659	\$0.065511	7,910,615	9.66%	\$696,047	\$122,388	\$2,097,018
February	8,218,465	\$552,822	\$0.067266	8,391,343	-2.10%	\$738,346	\$185,524	\$2,219,406
March	7,951,479	\$532,222	\$0.066934	7,272,940	8.53%	\$639,939	\$107,717	\$2,404,930
April	7,288,199	\$508,300	\$0.069743	7,137,292	2.07%	\$628,003	\$119,703	\$2,512,647
May	8,137,700	\$547,950	\$0.067335	6,810,348	16.31%	\$599,236	\$51,286	\$2,632,350
June	11,806,421	\$736,080	\$0.062346	9,206,006	22.03%	\$597,884	(\$138,196)	\$2,545,439
July	15,047,857	\$835,636	\$0.055532	12,158,367	19.20%	\$1,042,775	\$207,139	\$2,752,578
August	12,136,307	\$744,923	\$0.061380	12,701,876	-4.66%	\$1,089,389	\$344,466	\$3,097,044
September	8,742,905	\$619,452	\$0.070852	9,678,970	-10.71%	\$830,127	\$210,674	\$3,307,719
October	7,711,842	\$556,791	\$0.072200	7,160,895	7.14%	\$597,834	\$41,043	\$3,348,762
November	8,133,920	\$586,761	\$0.072137	7,305,828	10.18%	\$609,934	\$23,174	\$3,371,936
December	9,997,951	\$644,218	\$0.064435	8,057,768	19.41%	\$672,711	\$28,493	\$3,400,429
	<u>113,929,792</u>	<u>\$7,438,814</u>		<u>103,792,248</u>	<u>8.90%</u>	<u>\$8,742,224</u>	<u>\$1,303,411</u>	<u>\$3,400,429</u>

LEAC recovery computed as follows:

January-May:

KWH billed, multiplied by \$.087989

June:

KWH billed, multiplied by \$.064945

July-September:

KWH billed, multiplied by \$.085766

October- December:

KWH billed, multiplied by \$.083486

Borough of Butler Electric Utility
Summary of Purchased Power Costs and Recoveries
for the Year Ended December 31, 2021
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			
Balance Forward							\$3,400,429
Interest on Prior Year							\$42,312
Over-recovery							
Adjusted Balance Forward							\$3,442,741
January	9,770,599	\$665,255	\$0.068087	9,213,260	5.70%	\$767,243	\$101,988
February	8,741,248	\$568,746	\$0.065065	8,899,548	-1.81%	\$741,119	\$172,373
March	8,264,672	\$599,761	\$0.072569	7,620,978	7.79%	\$634,645	\$34,884
April	7,206,367	\$558,768	\$0.077538	7,238,169	-0.44%	\$596,027	\$37,259
May	8,497,456	\$615,581	\$0.072443	6,843,434	19.46%	\$563,523	(\$52,058)
June	12,205,105	\$753,073	\$0.061702	9,504,014	22.13%	\$782,608	\$29,535
July	12,727,022	\$718,484	\$0.056453	11,946,625	6.13%	\$899,294	\$180,810
August	12,900,220	\$731,738	\$0.056723	11,362,345	11.92%	\$855,312	\$123,574
September	8,918,997	\$546,011	\$0.061219	10,327,191	-15.79%	\$777,390	\$231,379
October	7,682,921	\$510,019	\$0.066383	7,274,548	5.32%	\$505,916	(\$4,103)
November	8,133,250	\$536,129	\$0.065918	7,210,704	11.34%	\$501,476	(\$34,654)
December	9,403,750	\$595,321	\$0.063307	7,560,727	19.60%	\$525,818	(\$69,503)
	<u>114,451,608</u>	<u>\$7,398,885</u>		<u>105,001,543</u>	<u>8.26%</u>	<u>\$8,150,370</u>	<u>\$751,484</u>

LEAC recovery computed as follows:

January-March:

KWH billed, multiplied by \$.083276

April-June:

KWH billed, multiplied by \$.082345

July-September:

KWH billed, multiplied by \$.075276

October-December:

KWH billed, multiplied by \$.069546

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, 2023, 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
Issued by James P. Lampmann Borough Administrator Butler, New Jersey	or after April 1, 2022
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 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, 2022
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, 2023	\$0.033248
Amount per kilowatt hour of energy adjustment charge for line losses to customers of 8.03 percent	<u>\$0.002661</u>
Energy adjustment charge per kilowatt hour to be applied to each class of service provided	<u><u>\$0.035909</u></u>

Issued:

Effective for service rendered on
or after April 1, 2022

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

The details for this award will be emailed separately to all on the service list

Schedule J

Borough of Butler Electric Utility
Summary of Purchased Power Costs
for the Year Ended December 31, 2020

	Cost System Wide	% of Sales Outside of Butler	Cost Outside of Butler
January	\$ 853,467	67.22%	\$ 573,659
February	789,272	70.04%	552,822
March	766,255	69.46%	532,222
April	738,532	68.83%	508,300
May	766,760	71.46%	547,950
June	985,738	74.67%	736,080
July	1,157,693	72.18%	835,636
August	1,073,020	69.42%	744,923
September	915,425	67.67%	619,452
October	827,484	67.29%	556,791
November	826,639	70.98%	586,761
December	893,985	72.06%	644,218
	<u>\$ 10,594,270</u>		<u>\$ 7,438,814</u>

Borough of Butler Electric Utility
Summary of Purchased Power Costs
for the Year Ended December 31, 2021

	Cost System Wide	% of Sales Outside of Butler	Cost Outside of Butler
January	\$ 943,334	70.52%	\$ 665,255
February	814,892	69.79%	568,746
March	866,827	69.19%	599,761
April	808,209	69.14%	558,768
May	873,008	70.51%	615,581
June	1,010,957	74.49%	753,073
July	1,012,187	70.98%	718,484
August	1,036,877	70.57%	731,738
September	818,856	66.68%	546,011
October	755,127	67.54%	510,019
November	764,332	70.14%	536,129
December	830,109	71.72%	595,321
	<u>\$ 10,534,715</u>		<u>\$ 7,398,885</u>

**Borough of Butler Electric Utility
Purchased Power Costs
Year Ended December 31, 2020**

Number of Days in Month	Total Metered Energy	NYPA Energy	Net Metered Energy	Purchase Guarantees				Excess Purchases / (Sales)	Metered energy
				Exelon/Constellation	Exelon/Constellation	Exelon/Constellation	PSEG		
January 31	13,027,936	942,883	12,085,053	4,886,400	6,339,200		4,886,400	(4,026,947)	Exelon/Constellation Energy (1/1-5/31) 50.03447 (KWb)
February 29	11,733,615	1,720,521	10,013,094	4,281,600	5,636,000		4,281,600	(4,186,106)	Exelon/Constellation Energy (1/1-5/31) 50.03310 (KWb)
March 31	11,447,976	2,033,746	9,414,230	3,988,800	3,949,700		3,988,800	(2,513,070)	Exelon/Constellation Energy (1/1-5/31) 50.03321 (KWb)
April 30	10,589,339	1,886,525	8,702,814	3,806,400	3,769,600		3,806,400	(2,679,586)	PSEG Energy/Resources (1/1-5/31) 50.03160 (KWb)
May 31	11,387,291	1,942,268	9,445,023	3,987,200	3,912,800		3,987,200	(2,442,177)	Exelon/Constellation Energy (6/1-12/31) 50.03100 (KWb)
June 30	15,810,833	1,769,391	14,041,442	5,348,800	5,811,200		5,665,600	(2,784,158)	Exelon/Constellation Energy (6/1-12/31) 50.03060 (KWb)
July 31	20,847,369	1,774,125	19,073,244	6,723,200	6,908,000		6,870,400	(1,428,356)	PSEG Energy/Resources (6/1-12/31) 0.03125 (KWb)
August 31	17,481,672	1,707,425	15,774,247	6,196,800	6,573,600		6,432,000	(3,428,153)	
September 30	12,920,239	1,559,403	11,360,836	5,011,200	5,011,200		5,011,200	(3,672,764)	
October 31	11,461,076	1,768,322	9,692,754	4,024,800	4,024,800		4,024,800	(2,381,646)	(29,542,963)
November 30	11,459,220	1,352,318	10,106,902	3,948,900	3,948,900		3,916,900	(1,707,798)	
December 31	13,874,220	1,818,719	12,055,501	4,808,000	4,878,400		4,808,000	(2,438,899)	
	162,040,786	20,275,646	141,765,140	57,012,100	60,763,400	0	57,679,300	0	(33,689,660)

Month	Metered Energy				Transmission Enhancement	Locational Reliability Charges	Network Integration Transmission Service Charges	Other Credits	Misc. Adjustments	Subtotal	PASNY	Total Purchased Power Costs	
	Exelon/Constellation	Exelon/Constellation	Exelon/Constellation	PSEG									
January	\$168,434.21	\$209,827.52	\$0.00	\$154,410.24	\$60,449.16	\$2,871.31	\$200,488.16	\$105,616.38	(\$76,587.20)	\$825,509.78	\$27,957.02	\$853,466.80	
February	\$147,586.75	\$186,551.60	\$0.00	\$135,298.56	\$60,401.48	\$2,871.31	\$187,553.44	\$98,802.42	(\$73,105.31)	\$745,960.25	\$43,311.47	\$789,271.72	
March	\$137,493.94	\$130,735.07	\$0.00	\$126,046.08	\$60,401.48	\$2,871.31	\$200,488.16	\$105,616.38	(\$39,326.53)	\$724,325.89	\$41,929.39	\$766,255.28	
April	\$131,206.61	\$124,773.76	\$0.00	\$120,282.24	\$60,401.48	\$2,871.31	\$194,020.80	\$102,209.40	(\$41,019.73)	\$694,745.87	\$43,785.67	\$738,531.54	
May	\$137,438.78	\$129,513.68	\$0.00	\$125,995.52	\$60,401.48	\$2,871.31	\$200,488.16	\$105,616.38	(\$39,996.54)	\$722,328.77	\$44,431.34	\$766,760.11	
June	\$165,812.80	\$177,822.72	\$0.00	\$177,050.00	\$60,183.34	\$2,871.31	\$301,447.80	\$102,209.40	(\$48,319.33)	\$939,078.04	\$46,660.19	\$985,738.23	
July	\$208,419.20	\$211,384.80	\$0.00	\$214,700.00	\$60,198.76	\$2,871.31	\$311,496.06	\$105,616.38	(\$6,793.37)	\$1,107,893.14	\$49,800.27	\$1,157,693.41	
August	\$192,100.80	\$201,152.16	\$0.00	\$201,000.00	\$59,761.31	\$2,871.31	\$311,496.06	\$105,616.38	(\$49,598.42)	\$1,024,399.60	\$48,620.39	\$1,073,019.99	
September	\$155,347.20	\$153,342.72	\$0.00	\$156,600.00	\$60,190.23	\$2,871.31	\$301,447.80	\$102,209.40	(\$61,770.94)	\$870,237.72	\$45,186.78	\$915,424.50	
October	\$124,768.80	\$123,158.88	\$0.00	\$125,775.00	\$60,190.23	\$2,871.31	\$311,496.06	\$105,616.38	(\$66,371.36)	\$787,505.30	\$39,978.73	\$827,484.03	
November	\$122,415.90	\$120,836.34	\$0.00	\$122,403.13	\$60,190.23	\$2,871.31	\$301,447.80	\$102,209.40	(\$50,478.40)	\$781,895.71	\$44,743.69	\$826,639.40	
December	\$149,048.00	\$149,279.04	\$0.00	\$150,250.00	\$60,190.23	\$2,871.31	\$311,496.06	\$105,616.38	(\$77,314.64)	\$851,436.39	\$42,548.63	\$893,985.02	
	\$1,840,072.99	\$1,918,378.29	\$0.00	\$1,809,810.77	\$722,959.41	\$34,455.72	\$3,133,366.36	\$1,246,954.68	-\$630,681.77	\$0.00	\$0.00	\$0.00	\$10,075,316.45

**Borough of Butler Electric Utility
Purchased Power Costs
Year Ended December 31, 2021**

Number of Days in Month	Total Metered Energy	NYPA Energy	Net Metered Energy	Purchase Guarantees					Excess Metered energy Purchases / (Sales)	Metered energy Exelon/Constellation Energy (1/1-5/31)	Exelon/Constellation Energy (1/1-5/31)	
				Exelon/Constellation	Exelon/Constellation	Nextera	PSEG	Nextera				Nextera
January	31	13,854,743	1,632,555	12,222,188	5,208,800	5,347,200		5,336,800			5,915,200	\$0.03100 (KWh)
February	28	12,524,343	1,448,378	11,075,965	4,550,400	4,617,600		4,614,400			5,184,000	\$0.03060 (KWh)
March	31	11,944,828	1,787,259	10,157,569	4,081,600	4,081,600		4,081,600			4,476,000	\$0.03321 (KWh)
April	30	10,423,388	1,666,153	8,757,235	3,771,200	3,841,600		3,771,200			4,311,300	\$0.03125 (KWh)
May	31	12,050,967	1,378,186	10,680,781	4,242,400	4,242,400		4,178,400			4,793,600	\$0.02903 (KWh)
June	30	16,384,635	1,325,440	15,059,195			5,312,000		5,312,000		5,915,200	\$0.02959 (KWh)
July	31	17,929,597	1,474,110	16,455,487			6,744,000		6,744,000		6,960,000	\$0.02854 (KWh)
August	31	18,279,481	1,458,991	16,820,490			6,346,400		6,346,400		6,812,000	
September	30	13,375,883	1,480,296	11,895,587			4,972,800		4,972,800		5,184,000	
October	31	11,375,230	1,555,738	9,819,492			4,034,400		4,034,400		4,476,000	
November	30	11,595,159	1,589,184	10,005,975			3,936,100		3,936,100		4,311,300	
December	31	13,112,678	1,759,311	11,353,367			4,793,600		4,793,600		5,200,000	
		162,850,952	18,547,601	144,303,351	21,854,400	22,130,400	36,139,300	21,982,400	36,139,300		38,858,500	

	Metered Energy						Transmission Enhancement	Transmission Enhancement Settlement	Locational Reliability Charges	Network Integration Transmission Service Charges	Other Charges* Credits	Misc. Adjustments	Subtotal	PASNY	Total Purchased Power Costs
	Exelon/Constellation	Exelon/Constellation	Nextera	PSEG	Nextera	Nextera									
January	\$161,472.80	\$163,624.32		\$166,775.00			\$62,788.64	\$2,825.33	\$311,496.06	\$116,813.89	(\$97,864.70)		\$887,929.34	\$55,404.65	\$943,333.99
February	\$141,062.40	\$141,298.56		\$144,200.00			\$62,788.64	\$2,825.33	\$281,351.28	\$105,509.32	(\$111,122.94)		\$767,912.59	\$46,979.85	\$814,892.44
March	\$126,529.60	\$124,896.96		\$127,550.00			\$62,634.00	\$2,825.33	\$311,496.06	\$113,958.48	(\$61,455.58)		\$808,434.85	\$58,391.89	\$866,826.74
April	\$116,907.20	\$117,552.96		\$117,850.00			\$62,635.00	\$2,825.33	\$301,447.80	\$110,282.40	(\$71,644.60)		\$757,856.09	\$50,352.98	\$808,209.07
May	\$131,514.40	\$129,817.44		\$130,575.00			\$62,634.00	\$2,825.33	\$311,496.06	\$113,958.48	(\$60,505.93)		\$822,314.78	\$50,692.84	\$873,007.62
June			\$154,207.36		\$157,182.08	\$168,819.81	\$62,618.95	\$2,825.33	\$282,875.70	\$110,282.40	\$25,062.78	(\$0.01)	\$964,913.60	\$47,082.40	\$1,012,956.80
July			\$195,778.32		\$199,554.96	\$198,638.40	\$62,618.95	\$2,825.33	\$292,304.89	\$113,958.48	(\$100,765.73)		\$964,913.60	\$47,273.40	\$1,012,187.00
August			\$184,235.99		\$187,789.98	\$194,414.48	\$62,618.95	\$2,825.33	\$292,304.89	\$113,958.48	(\$55,417.19)		\$982,730.91	\$54,146.13	\$1,036,877.04
September			\$144,360.38		\$147,145.15	\$147,951.36	\$62,618.95	\$2,825.33	\$282,875.70	\$110,282.40	(\$125,918.91)		\$772,140.37	\$46,715.95	\$818,856.32
October			\$117,118.63		\$119,377.90	\$127,745.04	\$62,618.95	\$2,825.33	\$292,304.89	\$113,958.48	(\$134,357.64)		\$701,591.57	\$53,535.18	\$755,126.75
November			\$114,264.98		\$116,469.20	\$123,044.50	\$62,618.95	\$2,825.33	\$282,875.70	\$110,282.40	(\$99,269.67)	(\$0.01)	\$713,111.39	\$51,220.78	\$764,332.17
December			\$139,158.21		\$141,842.62	\$148,408.00	\$60,843.62	\$2,825.33	\$292,304.89	\$113,958.48	(\$126,624.45)		\$772,716.70	\$57,392.04	\$830,108.74
	\$677,486.40	\$677,190.24	\$1,049,123.88	\$686,950.00	\$1,069,361.89	\$1,109,021.59	\$750,037.60	\$33,903.96	\$3,535,133.92	\$1,347,203.69	-\$1,019,886.56	\$0.00	\$9,915,526.59	\$619,188.09	\$10,534,714.68

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, 2021

	<u>Total Billed</u>
Base	\$ 4,341,919
Sales tax	849,976
L.E.A.C.:	
Fuel Recovery	8,150,370
ZEC	405,444
Total	\$ 13,747,709

Projected Gross Operating Billings
For Customers Outside of The Borough of Butler
For The Year Ended December 31, 2022

Base	\$ 4,392,507
Sales tax	633,419
L.E.A.C.:	
Fuel Recovery	4,752,448
ZEC	416,083
Total	\$ 10,194,457
 Projected Decrease from 2021	 \$ (3,553,252)
 Projected Percentage Decrease from 2021	 -25.85%
 Projected growth factor	 1.1651%

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>1/1/2022</u>	<u>4/1/2022</u>	<u>Amount</u>	<u>Percentage</u>
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)		71.94	35.91		
ZEC	\$0.003917	3.92	3.92		
		115.92	79.89		
Sales tax	6.625%	7.68	5.29		
		<u>\$ 123.60</u>	<u>\$ 85.18</u>	<u>\$ (38.42)</u>	<u>-31.08%</u>
(1) LEAC rate		<u>\$ 0.071940</u>	<u>\$ 0.035909</u>		

Borough of Butler Electric Utility
Customer Information

Customers Served Inside the Borough:

	<u>Annual kwh Sales</u>	<u>Total Customers</u>	<u>Commercial</u>	<u>All Electric</u>	<u>Flood Light</u>	<u>Residential</u>
2021	44,773,365	4,118	614	295	53	3,156
2020	44,217,583	4,086	611	283	53	3,139
2019	45,116,157	4,079	611	277	54	3,137

Customers Served Outside the Borough:

	<u>Annual kwh Sales</u>	<u>Total Customers</u>	<u>Commercial</u>	<u>All Electric</u>	<u>Flood Light</u>	<u>Residential</u>
2021	105,001,543	7,850	749	244	83	6,774
2020	103,009,831	7,845	738	239	84	6,784
2019	104,048,371	7,830	736	247	87	6,760

Average Monthly Usage (kwh):

	<u>Summer Months</u>	<u>Non-summer Months</u>	<u>Annual</u>
Residential - inside the Borough	931	486	644
Residential - outside the Borough	1,344	706	906

Schedule M

The details for this award will be emailed separately to all on the service list