

**BEFORE THE  
NEW JERSEY BOARD OF PUBLIC UTILITIES**

**In The Matter Of The Verified Petition Of Jersey Central  
Power & Light Company For Approval Of JCP&L's  
Energy Efficiency and Conservation Plan Including Energy  
Efficiency and Peak Demand Reduction Programs  
(JCP&L EE&C)**

**BPU Docket No. \_\_\_\_\_**

**Direct Testimony  
Of  
Carol Pittavino**

**On Behalf Of  
Jersey Central Power & Light Company**

**September 25, 2020**

1 **I. Introduction**

2 **Q. Please state your name and business address.**

3 A. My name is Carol Pittavino and my business address is 800 Cabin Hill Drive, Greensburg, PA  
4 15601.

5 **Q. By whom are you employed and in what capacity?**

6 A. I am employed by FirstEnergy Service Company and my job title is Consultant in the Rates  
7 and Regulatory Affairs Department, concentrating on rates in New Jersey. I report to Mark A.  
8 Mader, Director of Rates & Regulatory Affairs. My principal responsibilities are to provide  
9 accounting, financial and analytical support for Jersey Central Power & Light Company  
10 (“JCP&L”). My qualifications are set forth in detail in Appendix A to my direct testimony.

11 **Q. Have you previously testified before the New Jersey Board of Public Utilities (“BPU”  
12 or “Board”)?**

13 A. Yes. I provided pre-filed testimony on behalf of JCP&L in its two most recently completed  
14 base rate cases, in BPU Docket Nos. ER16040383 and ER12111052, in JCP&L’s  
15 Reliability Plus Infrastructure Investment Program (JCP&L’s Reliability Plus) rate  
16 adjustment proceeding in BPU Docket No. ER19091238, and in JCP&L’s pending  
17 Advanced Metering Infrastructure (AMI) proceeding in BPU Docket No. EO20080545.

18 **Q. Please describe the purpose of your direct testimony.**

19 A. In its Petition filed with the Board, JCP&L has requested approval of an Energy Efficiency  
20 and Conservation Plan (“EE&C Plan” or “Plan”) proposing a portfolio of Energy  
21 Efficiency (“EE”) and Peak Demand Reduction (“PDR”) programs and subprograms. In  
22 my direct testimony, I will address the revenue requirements calculation; the proposed

1 recovery methodology for recovery of the EE&C Plan costs; bill impacts; the proposal for  
2 recovery of lost revenues; and tariffs for the JCP&L EE&C Plan.

3 My testimony provides detailed schedules setting forth the proposed revenue  
4 requirements, initial rates and projected bill impacts during the three-year program period  
5 from July 1, 2021 through June 30, 2024.

6 **Q. Please briefly describe JCP&L’s proposed cost recovery methodology.**

7 A. The Energy Efficiency and Conservation Plan Rider (“Rider EE&C”) is a reconcilable rider  
8 which recovers the costs associated with the development and implementation of the  
9 Company’s Plan. The details of the costs to be recovered, as well as the rate mechanism  
10 to recover such costs, are set forth below in this testimony.

11 **II. Revenue Requirements**

12 **Q. Please summarize JCP&L’s proposed cost recovery program.**

13 A. JCP&L is proposing to recover the revenue requirement associated with the costs of the  
14 EE&C Plan. These include, but are not limited to, all costs related to EE&C Plan  
15 expenditures, such as: Customer Incentives, Outside Services, Inspections and Quality  
16 Control, information technology (“IT”) costs and operations and maintenance costs,  
17 including related administrative costs and marketing evaluation expense. The revenue  
18 requirement would be reduced by any revenue offsets from PJM capacity resources related  
19 to EE programs and subprograms.

20 **Q. Please describe the type of expenditures to be included in Rate Base.**

21 A. Rate Base will include all EE investments associated with the EE&C Plan, such as  
22 Customer Incentives, Outside Services and Inspections and Quality Control.

23

1 **Q. How does JCP&L propose to calculate the revenue requirements on a monthly**  
2 **basis?**

3 A. JCP&L proposes to calculate the revenue requirements associated with the Plan costs using  
4 the following formula:

$$\begin{aligned} & \text{Revenue Requirements} = [(Pre\text{-Tax Cost of Capital} * \text{Rate Base}) \\ & + \text{Amortization} + \text{O\&M Expense} - \text{Revenue Offsets} \end{aligned}$$

- 7       ▪ Rate Base = Cumulative Investments – Accumulated Amortization of  
8       Investments – Accumulated Deferred Income Tax.
- 9       ▪ Cumulative Investments = Plan-to-date investments, such as Customer  
10      Incentives, Outside Services, and Inspections/Quality Control.

11       The Company will also apply the appropriate factor to collect applicable Sales and Use  
12      Tax (“SUT”).

13 **Q. Please describe the components of JCP&L’s proposed revenue requirement**  
14 **calculation.**

15 A. The “Pre-Tax Cost of Capital \* Rate Base” component provides recovery of the return *on*  
16 the JCP&L EE&C Plan investments in rate base. The term “Pre-Tax Cost of Capital”  
17 means JCP&L’s pre-tax overall weighted average cost of capital (“WACC”) for the Plan.  
18 Pursuant to the Board’s June 10, 2020 Order (“June 10 Order”) (p.39)<sup>1</sup>, carrying costs for  
19 program and subprogram investments should use the capital structure established in the  
20 utility’s most recent base rate case, incorporating both the cost of debt and the return on

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<sup>1</sup> *In the Matter of the Implementation of P.L. 2018, c. 17 Regarding the Establishment of Energy Efficiency and Peak Demand Reduction Programs et. al*, BPU Docket Nos. Q19010040, QO19060748, QO17091004, Order Directing the Utilities to Establish Energy Efficiency and Peak Demand Reduction Programs (June 10, 2020) (“June 10 Order”).

1 equity (“ROE”). Accordingly, JCP&L proposes to earn a return on Rate Base associated  
2 with the Plan, based upon its current authorized ROE and capital structure including  
3 income tax effects. The Company’s initial WACC for the Plan will be based on the ROE,  
4 long-term debt and capital structure approved by the Board on December 12, 2016 in the  
5 2016 JCP&L base rate case, BPU Docket No. ER16040383. JCP&L proposes the initial  
6 pre-tax WACC to be 9.16 percent. *See* Schedule CP-1 for the calculation of the current  
7 Pre-Tax and After-Tax WACC. Any change in the WACC authorized by the Board in a  
8 base rate case following this filing, including the case pending in BPU Docket No.  
9 ER20020146, will be reflected in the revenue requirement calculations and subsequent rate  
10 adjustment filings for JCP&L Rider EE&C. Any changes to current tax rates will be  
11 reflected in an adjustment to the WACC.

12 The term “Rate Base” refers to Cumulative Investments less the associated  
13 Accumulated Amortization less Accumulated Deferred Income Taxes (“ADIT”).  
14 Cumulative Investments include Plan-to-date investments, such as Customer Incentives,  
15 Outside services, Inspections and Quality Control. A summary of the projected  
16 investments can be found in Schedule CP-2

17 ADIT is calculated as Book Amortization less Tax Depreciation, multiplied by the  
18 statutory composite federal and state income tax rate, which is currently 28.11%. Any  
19 future changes to the book amortization or tax depreciation rates during the JCP&L EE&C  
20 Plan period and at the time of each rate adjustment, will be reflected in the accumulated  
21 amortization and/or ADIT calculation described above. All Plan investments in Rate Base  
22 will be expensed in the year of investment for tax purposes.

1           The “Amortization” component provides for recovery *of* the Company’s Plan  
2 investments. Pursuant to the Board’s June 10 Order (at 39), the amortization expense is  
3 based on a 10-year amortization of Plan investments. Amortization for ratemaking  
4 purposes will be done monthly, using a straight-line method. The current month’s  
5 amortization will be included in the current month’s revenue requirement and will also  
6 reduce the current month’s Cumulative Investment.

7           The term “O&M Expense” means expenses for administration, marketing,  
8 training, evaluation and program management required to conduct the programs and  
9 subprograms in the Plan. Pursuant to the June 10 Order (at 25), O&M Expense associated  
10 with the Plan is to be expensed and included in a utility’s annual cost recovery petition.  
11 An annual summary of the projected administrative expenses can be found in Schedule CP-  
12 2. The annual detail supporting the O&M Expenses for the Plan can be found in Appendix  
13 E of the Plan.

14           The term “Revenue Offsets” includes any revenue received from any future source  
15 (relating to the JCP&L EE&C Plan) that shall be credited as a reduction to revenue  
16 requirements. For example, Revenue Offsets include PJM capacity market revenues (net  
17 of the costs associated with auction participation and including replacement capacity  
18 charges, capacity deficiency charges and any unavoidable PJM charges) to be credited in  
19 the Revenue Requirement. Program measures deemed appropriate by the Company to be  
20 offered into PJM’s capacity market are discussed in the testimony of Edward C Miller.  
21

1           Uncollectible expense associated with the Plan is not included in the Revenue  
2 Requirement because it will be recovered along with other uncollectible expenses in  
3 existing Rider UNC.

4 **Q. Has the Company included an adjustment to the WACC for performance incentives**  
5 **or penalties in its definition of WACC in the formula above?**

6 A. No, not at this time. The Company acknowledges that the June 10 Order (p. 40) approves  
7 Staff's recommendations for performance incentives and penalties, which take the form of  
8 a ROE adjustment applied to Rate Base resulting from EE and PDR investments. However,  
9 the Board also adopted the recommendation that no award of incentives or imposition of  
10 penalties would be made until after the conclusion of Program Year 5 based on year 5  
11 performance. The Company's instant filing only seeks to establish Plan Year 1 through  
12 Plan Year 3, so it is not necessary to include any such an adjustment, at this time.

13 **Q. Will any of the EE/PDR Program expenditures be eligible for Allowance for Funds**  
14 **Used During Construction ("AFUDC")?**

15 A. No.

16 **Q. Is there a witness sponsoring the Investments and O&M Expense used to calculate**  
17 **the Revenue Requirements?**

18 A. Yes. The projected Plan expenditures are sponsored by Company witness Edward C.  
19 Miller and set forth in Appendix E to the Plan.

20 **Q. Have you provided a schedule showing the calculation of the revenue requirements?**

21 A. Yes. *See* Schedule CP-3 for a calculation of the JCP&L EE&C Plan revenue requirements  
22 for the period of July 1, 2021 through June 30, 2024, which I have calculated based on the

1 forecasted costs to be incurred during various periods provided by Mr. Miller in Appendix  
2 E to the Plan.

3 **III. Cost Recovery Mechanism**

4 **Q. How does the Company propose to recover the Revenue Requirements as described**  
5 **above?**

6 A. The Company proposes to recover the Revenue Requirements associated with the Plan  
7 through a separate surcharge clause of its tariff, Rider EE&C. This is consistent with the  
8 June 10 Order (p. 39) directing each utility to “file to recover on a full and current basis  
9 through a surcharge all reasonable and prudent costs incurred as a result of the EE and PDR  
10 programs “including but not limited to recovery of an on capital investment...”. So as to  
11 provide recovery on a full and current basis, the Company will fix an initial tariffed rate  
12 effective July 1, 2021 based on estimate Revenue Requirements for the period July 1, 2021  
13 through June 30, 2022 and thereafter will make rate adjustment filings on an annual basis.  
14 The projected effective date for the initial tariff is based on the date for commencement of  
15 the Plan on July 1, 2021 which, in turn, is based on the Board’s June 10 Order (at p.38).<sup>2</sup>  
16 Following the initial rates, which the Company requests be approved in this proceeding,  
17 the Company further proposes that its annual rate filing will be made on March 31<sup>st</sup> of each  
18 year with rates effective the following July 1st. Each rate filing will address a true-up for  
19 actuals from the prior period and the projected revenue requirement for the subsequent  
20 recovery period in order to set the new rate. The first reconciliation period will be  
21 performed to compare the actual revenues received from customers with the actual

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<sup>2</sup> June 10 Order p. 38 (“The Board...directs the utilities to file three-year program petitions by September 25, 2020, for approval by the Board by May 1, 2021 and implementation beginning July 1, 2021.”)



1 recovered costs for the period July 1, 2021 through February 28, 2022, with the  
 2 (over)/under collection reflected in the current year’s rate calculation. In addition, the  
 3 Company will accrue interest on a monthly basis on the over/under recovered balance  
 4 calculated based upon the average balance net of tax at an interest rate equal to the rate on  
 5 two-year constant maturity Treasuries, as shown in the Federal Reserve Statistical Release  
 6 on or closest to January 1 of each year, plus sixty basis points, compounded annually as of  
 7 January 1 of each year. The calculation of the estimated proposed rate adjustments for  
 8 each period from July 1, 2021 through June 30, 2022 are shown in Schedule CP-4.

9 **Q. Has the Company proposed a schedule for rate filings to adjust the rates in Rider**  
 10 **EE&C?**

11 A. Yes. The June 10 Order (p.39), provides that each utility shall file an annual petition no  
 12 later than 75 days following the end of each Plan Year (“PY”) to demonstrate compliance  
 13 of the EE and PDR Plan, compliance with performance targets, and for cost recovery of  
 14 the programs, including any performance incentives or penalties, consistent with the  
 15 Minimum Filing Requirements (“MFRs”). The target schedule for annual rate filings is  
 16 listed below.

<b>JCP&amp;L EE&amp;C Plan Rate Filing Schedule</b>				
<b>Filing</b>	<b>Filing (On or About)</b>	<b>Projected Spending Through</b>	<b>True-Up of Prior Period Actuals</b>	<b>Rates Effective</b>
0 (Initial Rate)	This Petition	June 30, 2022	N/A	July 1, 2021
1	March 31, 2022	June 30, 2023	July 1, 2021 through February 28, 2022	July 1, 2022

2	March 31, 2023	June 30, 2024	March 1, 2022 through February 28, 2023	July 1, 2023

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The Company will continue annual filings on the above schedule while programs and subprograms in the EE&C Plan remain in effect. Under the proposed schedule, changes to the rates in Rider EE&C would occur once per year, following the above-identified filings with the Board.

**Q. Will the BPU have an opportunity to review the actual Plan expenditures?**

A. Yes. As addressed above, following BPU approval of the EE&C Plan, JCP&L will make annual filings in a process that resets rates to: (1) provide refunds or adjustments to reconcile the projected Revenue Requirements for the prior period to actual Revenue Requirements based on actual Plan costs, and (2) recover projected Plan costs for the prospective period. The BPU will have the opportunity review each rate filing and ask discovery.

**Q. What is the projected Revenue Requirement for the initial rate recovery period?**

A. The Revenue Requirement is currently forecasted to be \$18,695,588 million for the initial rate period of July 1, 2021 through June 30, 2022. *See* Schedule C-4. The Revenue Requirements are allocated between Residential and General Service (i.e., Commercial and Industrial) rate schedules.

1 The following represents the initial revenue requirement for each of these classes excluding  
2 SUT (SUT is included in the proposed rate calculation):

3 Residential	\$11,845,226
4 Commercial/Industrial (“C/I”) -	<u>\$6,850,361</u>
5 Total -	\$18,695,588

6 **Q. What rate design is the Company proposing to use for Rider EE&C?**

7 A. The Company proposes to apply the following rate design to all applicable rate classes to  
8 recover EE&C Plan costs. For Residential and smaller General Service rate classes, the  
9 Company proposes to collect the revenue requirement through a \$/kWh consumption  
10 charge. The Company proposes a \$/kW charge for larger General Service Rate Schedules  
11 GST, GP, and GT. Finally, for all lighting classes, the rate will be a per \$/kWh rate. The  
12 detailed calculations supporting the initial rates (in Rider EE&C) are shown in Schedule  
13 CP-3 and Schedule CP-4. In addition, Schedule CP-5 provides a summary of the proposed  
14 rates for all forecasted rate filings.

15 **Q. How are the revenue requirements allocated to the Rate Schedules?**

16 A. The Residential class will incorporate direct assignment of Plan costs that are specific to  
17 the Residential Rate class. For the C/I classes, a portion of the C/I Plan cost will be directly  
18 assigned for those Plan costs that are specific to the Large C/I customers and Small C&I  
19 customers. The balance of the C/I Plan cost will be allocated on a kWh basis. For purposes  
20 of this allocation, the following rate schedules will be assigned to the three rate classes:

21 Residential – RS, RT, RGT

22 Small C&I – GS, OL, SVL, MVL, ISL, LED

23 Large C&I – GST, GP, GT

1 **IV. Bill Impacts**

2 **Q. What are the annual JCP&L EE&C Plan and LRAM rate impacts to the typical**  
3 **residential customer?**

4 A. Based upon the forecasted rates shown in Schedule CP-5, the bill impacts for a typical  
5 residential customer as well as rate class average customers for each rate period over the  
6 period July 1, 2021 through June 30, 2024 are set forth in Schedule CP-5. Based on the  
7 projected revenue requirements provided in Schedule CP-3 and CP-4, the initial bill impact  
8 of the proposed initial rates for the initial rate period to the typical residential customer  
9 who uses 768 kWh per month is an increase of 1.2% or approximately \$1.25 per month  
10 above rates effective July 1, 2021.

11 A summary of the incremental bill impact on an average residential customer for  
12 each year of the JCP&L EE/PDR Program and LRAM through June 30, 2024 compared to  
13 the current average monthly bill is shown in the following chart.

14

EE/PDR Program - Average Residential Rate Impact						
Recovery Period	1	2	3			
Effective Date	7/1/21	7/1/22	7/1/23			
Monthly Increase	\$1.25	\$0.27	\$0.53			
% Monthly Bill	1.2%	0.3%	0.5%			

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16 The maximum cumulative bill impact on a residential customer over the entire three-year  
17 program period is an estimated increase of approximately \$2.05 or about 2% of the current  
18 average monthly bill.

19 **V. Tariff Rider**

20 **Q. Does the Company propose a modification to its tariff as part of this filing?**

1 A. Yes. The Company proposes to recover its costs for the JCP&L EE&C Plan through rates  
2 set forth in a separate clause of its tariff. Specifically, the Company is proposing a new  
3 tariff rider, Rider EE&C, attached hereto as Schedule CP-7. The attached Rider includes  
4 the initial tariffed rates proposed to commence on July 1, 2021. In addition, the Company  
5 proposes to recover its lost revenues related to the EE&C Plan through rates set forth in a  
6 separate clause of its tariff. The Company is proposing a new tariff rider, Rider LRAM,  
7 attached hereto as Schedule CP-8. The attached Rider includes the initial tariffed rates  
8 proposed to commence on July 1, 2021

9 **VI. Lost Revenue Recovery Mechanism**

10 **Q. How does the Company propose to recover lost revenues?**

11 A. In the June 10 Order (p.39), the Board directed that the required full and current recovery  
12 of program costs includes “the revenue impact of sales losses resulting implementation of”  
13 the EE and PDR programs. The Board permitted the utilities to employ a modified  
14 Conservation Incentive Program (“CIP”) developed by the utilities, Staff and Rate Counsel  
15 for use by all utilities, or alternatively, a Lost Revenue Adjustment Mechanism (“LRAM”)  
16 previously proposed by Staff. JCP&L proposes to use an LRAM for recovery of lost  
17 revenues. See the LRAM lost revenue calculation, which is located in Schedule CP-6.

18 **Q. How does JCP&L’s proposed LRAM operate?**

19 A. The Company is including an LRAM mechanism in schedule CP-6 and is proposing to set  
20 the rate based upon forecasted energy efficiency sales loss targets with rates effective July  
21 1, 2021. The Company will reconcile the actual energy efficiency sales losses to the energy  
22 efficiency forecasted sales loss targets and include the (over)/under collection in the

1 following year Rider LRAM rate calculation. In addition, the Company will impose the  
2 same rate design as used in Rider EE&C.

3 **Q. Does the Company intend to file an Earnings Test for the true-up period?**

4 A. The Company will file an Earnings Test where the Company’s jurisdictional ROE shall be  
5 determined based on the actual net income of the utility for the most recent 12-month  
6 period divided by the average of the beginning and ending common equity balances for the  
7 corresponding period. The Company intends to perform the earnings test in the same  
8 manner as approved for its Infrastructure and Investment Plan (“IIP”) cost recovery  
9 mechanism at Docket No EO18070728. The IIP earnings test includes an accounting  
10 adjustment for Pension & OPEB for ratemaking purposes that is consistent with the  
11 recommendations of the ALJ and the BPU determinations in the Company’s 2012 base rate  
12 case and as filed in its 2016 & 2020 base rate cases.<sup>3</sup>

13 **Q. Does the Company propose a future base rate filing date?**

14 A. Yes, if the Board approves the Company’s proposed LRAM, the Company will file a base  
15 rate case no later than five years after commencement of its approved EE&C Plan.

16 **VIII. Additional Filing Information**

17 **Q. Does the Company propose the method for treatment of Renewable Energy Credits**  
18 **(“RECs”)?**

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<sup>3</sup> In 2011, FirstEnergy Corp. and its subsidiaries (including JCP&L), under Statement of Financial Accounting Standards No. 87, “Employer’s Accounting for Pensions” (“SFAS 87”), elected to change the method by which it accounted for pension and OPEB expense whereby actuarial gains and losses – representing the change in value of plan assets or obligations – are recognized immediately in earnings ) referred to as (“mark-to market accounting”, or “immediate recognition”) as opposed to its previous method, which amortized those costs into earnings over a future period ) referred to as “delayed recognition”. For ratemaking purposes, JCP&L uses the delayed recognition method.

1 A. The Company does not anticipate that the energy savings from the EE&C Plan will be  
2 eligible for RECs and/or solar renewable energy credits (“SRECs”) due to the nature of the  
3 Plan programs. Accordingly, that portion of the MFR is inapplicable to the Company’s  
4 EE&C Plan.

5 **VII. Schedules**

6 Q. Are there any additional items included with this filing?

7 A. Yes, MFR IV.a requires the provision of pro forma income statements for the proposed  
8 program(s) for each of the first three years of operations and actual or estimated balance  
9 sheets at the beginning and end of each year of the three-year period. The documents are  
10 provided at Schedule CP-8. Also, MFR I a. and b. requires the utility to provide accounts  
11 and account numbers that shall be utilized in booking the revenues, costs, expenses, and  
12 assets pertaining to each proposed program so that they can be properly separated and  
13 allocated from other regulated and/or other programs, which are not renewable energy  
14 programs. The account numbers are provided at Schedule CP-3.

15 **Q. Please list the schedules attached to this direct testimony.**

- 16 A. Schedule CP-1 - Weighted Average Cost of Capital (WACC)  
17 Schedule CP-2– Detailed Program Capital and O &M Schedule  
18 Schedule CP-3 – Revenue Requirements Schedule  
19 Schedule CP-4 - Proposed Rate Calculation  
20 Schedule CP-5 - Bill Impact Summary  
21 Schedule CP-6 - LRAM Calculation  
22 Schedule CP-7 - Proposed Tariff Sheet for Rider EE&C  
23 Schedule CP-8 - Proposed Tariff Sheet for Rider LRAM  
24 Schedule CP-9 - Pro Forma Balance Sheet and Income Statement

1 **Q. Does this conclude your pre-filed direct testimony at this time?**

2 A. Yes, although I reserve the right to supplement this testimony should further information  
3 arise.



APPENDIX A

**Experience and Qualifications**

My name is Carol Pittavino. I am currently employed by FirstEnergy Service Company as a Rates Consultant in the Rates and Regulatory Affairs Department, concentrating on rates in New Jersey. I report to the Director of Rates and Regulatory Affairs. I have held this position since January 2019. I am responsible for providing accounting, financial and analytical support for rate activities.

In August 2012, I was employed by JCP&L as a rates analyst. From November 2017 to January 2019, I held an analyst position in the FirstEnergy Transmission Business Services area, while continuing to support Rates and Regulatory Affairs. In January 2019, I returned to JCP&L Rates and Regulatory Affairs Department as a Rates Consultant.

From October 2003 to September 2010 I was employed by Allegheny Energy, Inc. as a Senior Accountant in the Regulatory Accounting department. One of my primary responsibilities was FERC Form 1 preparation and analysis. I also performed General Accounting responsibilities and performed forecasting preparation for the regulated subsidiary entities owned by Allegheny Energy, Inc. In addition, I assisted the Rate Department with a Base Case filing as well as prepared the revenue requirement calculation on transmission line construction projects.

I was employed at United Health Group from October 2010 to July 2012 as a Senior Accountant. I was responsible for the oversight and accounting functions of two Medicaid Managed Care Organizations.

From May 2001 through September 2003 I was employed at S.R. Snodgrass as a Senior Accountant. S.R. Snodgrass is a regional public accounting firm which performs external and internal audit services for their clients. I functioned as an external auditor assisting in the drafting

1 and inspection of the financial records of clients, which ultimately resulted in issuing an opinion  
2 on their financial records.

3 From June 1985 through April 2001, I was employed for the First National Bank of  
4 Herminie. I held various positions when I was employed by the bank. I progressed through all  
5 aspects of branch operations which resulted in my being promoted to Branch Manager. I  
6 transferred into the finance department as an Accountant and functioned in this capacity until the  
7 bank was acquired by The First National Bank of Pennsylvania in April 2001.

8 I graduated from Seton Hill University (then College) in May 2000 with a Bachelor of  
9 Science degree with a major in accounting. I earned my Pennsylvania Certified Public Accountant  
10 license in September 2003.

11

**Jersey Central Power & Light  
Clean Energy Energy Efficiency Program  
Weighted Average Cost of Capital (WACC)**

Schedule CP-1

	Percent	Cost	Weighted Cost	Tax Multiplier	Pre-Tax Weighted Cost	Discount Rate
Long Term Debt	55.0%	5.732%	3.15%	1.00000	3.15%	
Common Equity	<u>45.0%</u>	9.600%	<u>4.32%</u>	1.39101	<u>6.01%</u>	<u>4.32%</u>
Total	100.0%		7.47%		9.16%	6.59%
Monthly WACC			0.623%		<b>0.763%</b>	
Federal and State Income Tax rate		<b>28.11%</b>				

Jersey Central Power & Light  
Clean Energy Energy Efficiency Program  
Program Expenditures Schedule

Schedule CP-2

**Yearly Budget**

Program Year	RS,RT/RGT							
	Customer Incentives	Outside Services	Inspections & Qual. Cont.	Total Investments	Utility Admin Exp	Marketing Costs	Evaluation Cost	Total Admin Exp.
2021	\$ 13,396,807	\$ 7,651,447	\$ 58,250	\$ 21,106,504	\$ 5,505,565	\$ 3,137,047	\$ 1,335,626	\$ 9,978,238
2022	24,446,579	7,084,515	103,750	31,634,844	2,943,525	3,198,878	1,990,572	8,132,975
2023	28,594,553	7,578,851	143,700	36,317,104	2,652,046	3,139,048	2,277,481	8,068,575
Total	\$ 66,437,939	\$ 22,314,813	\$ 305,700	\$ 89,058,452	\$ 11,101,136	\$ 9,474,973	\$ 5,603,678	\$ 26,179,787

Program Year	GS,OL,SVL,MVL,ISL,LED							
	Customer Incentives	Outside Services	Inspections & Qual. Cont.	Total Investments	Utility Admin Exp	Marketing Costs	Evaluation Cost	Total Admin Exp.
2021	\$ 9,795,477	\$ 3,120,667	\$ 381,784	\$ 13,297,928	\$ 2,144,041	\$ 738,895	\$ 744,705	\$ 3,627,640
2022	18,720,683	3,696,111	680,998	23,097,793	1,503,098	918,557	1,245,963	3,667,617
2023	22,846,402	4,858,267	784,222	28,488,892	1,741,120	1,021,267	1,041,237	3,803,624
Total	\$ 51,362,563	\$ 11,675,046	\$ 1,847,005	\$ 64,884,613	\$ 5,388,258	\$ 2,678,719	\$ 3,031,905	\$ 11,098,882

Program Year	GST,GP,GT							
	Customer Incentives	Outside Services	Inspections & Qual. Cont.	Total Investments	Utility Admin Exp	Marketing Costs	Evaluation Cost	Total Admin Exp.
2021	\$ 4,959,935	\$ 1,201,197	\$ 167,007	\$ 6,328,138	\$ 838,959	\$ 291,426	\$ 356,300	\$ 1,486,685
2022	9,086,446	1,318,973	229,946	10,635,366	506,234	307,093	632,644	1,445,970
2023	14,214,017	2,109,021	303,101	16,626,140	559,546	339,838	1,500,056	2,399,439
Total	\$ 28,260,399	\$ 4,629,192	\$ 700,054	\$ 33,589,644	\$ 1,904,738	\$ 938,357	\$ 2,489,000	\$ 5,332,094

\* Program year 7/1 to 6/30

Investment Month	RS,RT/RGT				GS,OL,SVL,MVL,ISL,LED				GST,GP,GT			
	Customer Incentives	Outside Services*	Total Investments	Total O & M Expenses	Customer Incentives	Outside Services*	Total Investments	Total O & M Expenses	Customer Incentives	Outside Services*	Total Investments	Total O & M Expenses
Jul-21	\$ 1,116,401	\$ 642,475	\$ 1,758,875	\$ 831,520	\$ 816,290	\$ 291,871	\$ 1,108,161	\$ 302,303	\$ 413,328	\$ 114,017	\$ 527,345	\$ 123,890
Aug-21	1,116,401	642,475	1,758,875	831,520	816,290	291,871	1,108,161	302,303	413,328	114,017	527,345	123,890
Sep-21	1,116,401	642,475	1,758,875	831,520	816,290	291,871	1,108,161	302,303	413,328	114,017	527,345	123,890
Oct-21	1,116,401	642,475	1,758,875	831,520	816,290	291,871	1,108,161	302,303	413,328	114,017	527,345	123,890
Nov-21	1,116,401	642,475	1,758,875	831,520	816,290	291,871	1,108,161	302,303	413,328	114,017	527,345	123,890
Dec-21	1,116,401	642,475	1,758,875	831,520	816,290	291,871	1,108,161	302,303	413,328	114,017	527,345	123,890
Jan-22	1,116,401	642,475	1,758,875	831,520	816,290	291,871	1,108,161	302,303	413,328	114,017	527,345	123,890
Feb-22	1,116,401	642,475	1,758,875	831,520	816,290	291,871	1,108,161	302,303	413,328	114,017	527,345	123,890
Mar-22	1,116,401	642,475	1,758,875	831,520	816,290	291,871	1,108,161	302,303	413,328	114,017	527,345	123,890
Apr-22	1,116,401	642,475	1,758,875	831,520	816,290	291,871	1,108,161	302,303	413,328	114,017	527,345	123,890
May-22	1,116,401	642,475	1,758,875	831,520	816,290	291,871	1,108,161	302,303	413,328	114,017	527,345	123,890
Jun-22	1,116,401	642,475	1,758,875	831,520	816,290	291,871	1,108,161	302,303	413,328	114,017	527,345	123,890
Jul-22	2,037,215	599,022	2,636,237	677,748	1,560,057	364,759	1,924,816	305,635	757,204	129,077	886,280	120,498
Aug-22	2,037,215	599,022	2,636,237	677,748	1,560,057	364,759	1,924,816	305,635	757,204	129,077	886,280	120,498
Sep-22	2,037,215	599,022	2,636,237	677,748	1,560,057	364,759	1,924,816	305,635	757,204	129,077	886,280	120,498
Oct-22	2,037,215	599,022	2,636,237	677,748	1,560,057	364,759	1,924,816	305,635	757,204	129,077	886,280	120,498
Nov-22	2,037,215	599,022	2,636,237	677,748	1,560,057	364,759	1,924,816	305,635	757,204	129,077	886,280	120,498
Dec-22	2,037,215	599,022	2,636,237	677,748	1,560,057	364,759	1,924,816	305,635	757,204	129,077	886,280	120,498
Jan-23	2,037,215	599,022	2,636,237	677,748	1,560,057	364,759	1,924,816	305,635	757,204	129,077	886,280	120,498
Feb-23	2,037,215	599,022	2,636,237	677,748	1,560,057	364,759	1,924,816	305,635	757,204	129,077	886,280	120,498
Mar-23	2,037,215	599,022	2,636,237	677,748	1,560,057	364,759	1,924,816	305,635	757,204	129,077	886,280	120,498
Apr-23	2,037,215	599,022	2,636,237	677,748	1,560,057	364,759	1,924,816	305,635	757,204	129,077	886,280	120,498
May-23	2,037,215	599,022	2,636,237	677,748	1,560,057	364,759	1,924,816	305,635	757,204	129,077	886,280	120,498
Jun-23	2,037,215	599,022	2,636,237	677,748	1,560,057	364,759	1,924,816	305,635	757,204	129,077	886,280	120,498
Jul-23	2,382,879	643,546	3,026,425	672,381	1,903,867	470,207	2,374,074	316,969	1,184,501	201,010	1,385,512	199,953
Aug-23	2,382,879	643,546	3,026,425	672,381	1,903,867	470,207	2,374,074	316,969	1,184,501	201,010	1,385,512	199,953
Sep-23	2,382,879	643,546	3,026,425	672,381	1,903,867	470,207	2,374,074	316,969	1,184,501	201,010	1,385,512	199,953
Oct-23	2,382,879	643,546	3,026,425	672,381	1,903,867	470,207	2,374,074	316,969	1,184,501	201,010	1,385,512	199,953
Nov-23	2,382,879	643,546	3,026,425	672,381	1,903,867	470,207	2,374,074	316,969	1,184,501	201,010	1,385,512	199,953
Dec-23	2,382,879	643,546	3,026,425	672,381	1,903,867	470,207	2,374,074	316,969	1,184,501	201,010	1,385,512	199,953
Jan-24	2,382,879	643,546	3,026,425	672,381	1,903,867	470,207	2,374,074	316,969	1,184,501	201,010	1,385,512	199,953
Feb-24	2,382,879	643,546	3,026,425	672,381	1,903,867	470,207	2,374,074	316,969	1,184,501	201,010	1,385,512	199,953
Mar-24	2,382,879	643,546	3,026,425	672,381	1,903,867	470,207	2,374,074	316,969	1,184,501	201,010	1,385,512	199,953
Apr-24	2,382,879	643,546	3,026,425	672,381	1,903,867	470,207	2,374,074	316,969	1,184,501	201,010	1,385,512	199,953
May-24	2,382,879	643,546	3,026,425	672,381	1,903,867	470,207	2,374,074	316,969	1,184,501	201,010	1,385,512	199,953
Jun-24	2,382,879	643,546	3,026,425	672,381	1,903,867	470,207	2,374,074	316,969	1,184,501	201,010	1,385,512	199,953
Total	\$ 66,437,939	\$ 22,620,513	\$ 89,058,452	\$ 26,179,787	\$ 51,362,563	\$ 13,522,051	\$ 64,884,613	\$ 11,098,882	\$ 28,260,399	\$ 5,329,246	\$ 33,589,644	\$ 5,332,094

**Jersey Central Power & Light**  
**Clean Energy Energy Efficiency Program**  
**Electric Revenue Requirements Calculation - RS,RT/RGT**

Program Investment Amortization	10 Years
Monthly WACC Effective 7/1/21	0.76348%
Federal & State Income tax rate	28.11%

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
Investment Month	Customer Incentives FERC (182)	Outside Services FERC (182)	Total Monthly Investments FERC (182)	Cumulative Investments FERC (182)	Customer Incentives Amortization FERC (407)	Outside Services Amortization FERC (407)	Accumulated Amortization FERC (407)	Net Investments (4) + (7)	Tax Depreciation	Book Depreciation Tax Basis (5) + (6)	Deferred Income Tax FERC (283)	Beginning Accumulated Deferred Income Tax (11) + (12)	Ending Accumulated Deferred Income Tax (11) + (12)	Rate Base (8) - (13)	Return Component (14) x WACC	O & M Expenses FERC (923)	Revenue Requirements (FERC 440-444)
Jul-21	\$ 1,116,401	\$ 642,475	\$ 1,758,875	\$ 1,758,875	9,303	5,354	\$ 14,657	\$ 1,744,218	\$ 1,758,875	\$ 14,657	\$ 490,300	\$ -	\$ 490,300	\$ 1,253,918	\$ 9,573	\$ 831,520	\$ 855,751
Aug-21	1,116,401	642,475	1,758,875	3,517,751	18,607	10,708	43,972	3,473,779	1,758,875	29,315	486,180	490,300	976,479	2,497,300	19,066	831,520	879,901
Sep-21	1,116,401	642,475	1,758,875	5,276,626	27,910	16,062	87,944	5,188,682	1,758,875	43,972	482,059	976,479	1,458,539	3,730,144	28,479	831,520	903,971
Oct-21	1,116,401	642,475	1,758,875	7,035,501	37,213	21,416	146,573	6,888,928	1,758,875	58,629	477,939	1,458,539	1,936,478	4,952,451	37,811	831,520	927,960
Nov-21	1,116,401	642,475	1,758,875	8,794,377	46,517	26,770	219,859	8,574,517	1,758,875	73,286	473,819	1,936,478	2,410,297	6,164,220	47,063	831,520	951,869
Dec-21	1,116,401	642,475	1,758,875	10,553,252	55,820	32,124	307,803	10,245,449	1,758,875	87,944	469,699	2,410,297	2,879,996	7,365,453	56,234	831,520	975,697
Jan-22	1,116,401	642,475	1,758,875	12,312,127	65,123	37,478	410,404	11,901,723	1,758,875	102,601	465,579	2,879,996	3,345,574	8,556,149	65,325	831,520	999,446
Feb-22	1,116,401	642,475	1,758,875	14,071,003	74,427	42,832	527,663	13,543,340	1,758,875	117,258	461,459	3,345,574	3,807,033	9,736,307	74,335	831,520	1,023,113
Mar-22	1,116,401	642,475	1,758,875	15,829,878	83,730	48,186	659,578	15,170,300	1,758,875	131,916	457,338	3,807,033	4,264,371	10,905,929	83,265	831,520	1,046,700
Apr-22	1,116,401	642,475	1,758,875	17,588,753	93,033	53,540	806,151	16,782,602	1,758,875	146,573	453,218	4,264,371	4,717,589	12,065,013	92,114	831,520	1,070,207
May-22	1,116,401	642,475	1,758,875	19,347,629	102,337	58,894	967,381	18,380,247	1,758,875	161,230	449,098	4,717,589	5,166,688	13,213,560	100,883	831,520	1,093,633
Jun-22	1,116,401	642,475	1,758,875	21,106,504	111,640	64,247	1,143,269	19,963,235	1,758,875	175,888	444,978	5,166,688	5,611,665	14,351,570	109,572	831,520	1,116,979
Jul-22	2,037,215	599,022	2,636,237	23,742,741	128,617	69,239	1,341,125	22,401,616	2,636,237	197,856	685,429	5,611,665	6,297,094	16,104,522	122,955	677,748	998,559
Aug-22	2,037,215	599,022	2,636,237	26,378,978	145,594	74,231	1,560,950	24,818,028	2,636,237	219,825	679,253	6,297,094	6,976,348	17,841,680	136,218	677,748	1,033,791
Sep-22	2,037,215	599,022	2,636,237	29,015,215	162,570	79,223	1,802,743	27,212,472	2,636,237	241,793	673,078	6,976,348	7,649,426	19,563,046	149,360	677,748	1,068,902
Oct-22	2,037,215	599,022	2,636,237	31,651,452	179,547	84,215	2,066,506	29,584,947	2,636,237	263,762	666,903	7,649,426	8,316,329	21,268,618	162,382	677,748	1,103,892
Nov-22	2,037,215	599,022	2,636,237	34,287,689	196,524	89,207	2,352,236	31,935,453	2,636,237	285,731	660,727	8,316,329	8,977,056	22,958,397	175,283	677,748	1,138,762
Dec-22	2,037,215	599,022	2,636,237	36,923,926	213,501	94,199	2,659,936	34,263,991	2,636,237	307,699	654,552	8,977,056	9,631,608	24,632,383	188,064	677,748	1,173,511
Jan-23	2,037,215	599,022	2,636,237	39,560,163	230,478	99,190	2,989,604	36,570,560	2,636,237	329,668	648,377	9,631,608	10,279,984	26,290,575	200,724	677,748	1,208,140
Feb-23	2,037,215	599,022	2,636,237	42,196,400	247,454	104,182	3,341,240	38,855,160	2,636,237	351,637	642,201	10,279,984	10,922,185	27,932,975	213,263	677,748	1,242,648
Mar-23	2,037,215	599,022	2,636,237	44,832,637	264,431	109,174	3,714,846	41,117,792	2,636,237	373,605	636,026	10,922,185	11,558,211	29,559,581	225,682	677,748	1,277,035
Apr-23	2,037,215	599,022	2,636,237	47,468,875	281,408	114,166	4,110,420	43,358,455	2,636,237	395,574	629,850	11,558,211	12,188,062	31,170,393	237,980	677,748	1,311,302
May-23	2,037,215	599,022	2,636,237	50,105,112	298,385	119,158	4,527,962	45,577,149	2,636,237	417,543	623,675	12,188,062	12,811,737	32,765,413	250,158	677,748	1,345,448
Jun-23	2,037,215	599,022	2,636,237	52,741,349	315,362	124,150	4,967,473	47,773,875	2,636,237	439,511	617,500	12,811,737	13,429,236	34,344,639	262,215	677,748	1,379,474
Jul-23	2,382,879	643,546	3,026,425	55,767,774	335,219	129,513	5,432,205	50,335,569	3,026,425	464,731	720,092	13,429,236	14,149,328	36,186,241	276,275	672,381	1,413,388
Aug-23	2,382,879	643,546	3,026,425	58,794,199	355,076	134,875	5,922,157	52,872,043	3,026,425	489,952	713,003	14,149,328	14,862,331	38,009,711	290,197	672,381	1,452,530
Sep-23	2,382,879	643,546	3,026,425	61,820,624	374,934	140,238	6,437,328	55,383,296	3,026,425	515,172	705,913	14,862,331	15,568,245	39,815,052	303,981	672,381	1,491,534
Oct-23	2,382,879	643,546	3,026,425	64,847,050	394,791	145,601	6,977,721	57,869,329	3,026,425	540,392	698,824	15,568,245	16,267,068	41,602,261	317,626	672,381	1,530,399
Nov-23	2,382,879	643,546	3,026,425	67,873,475	414,648	150,964	7,543,333	60,330,142	3,026,425	565,612	691,735	16,267,068	16,958,803	43,371,339	331,132	672,381	1,569,126
Dec-23	2,382,879	643,546	3,026,425	70,899,900	434,506	156,327	8,134,165	62,765,735	3,026,425	590,833	684,645	16,958,803	17,643,448	45,122,287	344,500	672,381	1,607,714
Jan-24	2,382,879	643,546	3,026,425	73,926,326	454,363	161,690	8,750,218	65,176,108	3,026,425	616,053	677,556	17,643,448	18,321,004	46,855,104	357,730	672,381	1,646,164
Feb-24	2,382,879	643,546	3,026,425	76,952,751	474,220	167,053	9,391,491	67,561,260	3,026,425	641,273	670,466	18,321,004	18,991,470	48,569,790	370,821	672,381	1,684,476
Mar-24	2,382,879	643,546	3,026,425	79,979,176	494,078	172,416	10,057,984	69,921,192	3,026,425	666,493	663,377	18,991,470	19,654,847	50,266,345	383,774	672,381	1,722,649
Apr-24	2,382,879	643,546	3,026,425	83,005,602	513,935	177,779	10,749,697	72,255,904	3,026,425	691,713	656,288	19,654,847	20,311,135	51,944,769	396,589	672,381	1,760,683
May-24	2,382,879	643,546	3,026,425	86,032,027	533,792	183,141	11,466,631	74,565,396	3,026,425	716,934	649,198	20,311,135	20,960,333	53,605,063	409,265	672,381	1,798,580
Jun-24	2,382,879	643,546	3,026,425	89,058,452	553,649	188,504	12,208,785	76,849,667	3,026,425	742,154	642,109	20,960,333	21,602,441	55,247,226	421,802	672,381	1,836,337
Total	\$ 66,437,939	\$ 22,620,513	\$ 89,058,452		\$ 8,722,741	\$ 3,486,044			\$ 89,058,452	\$ 12,208,785	\$ 21,602,441				\$ 7,251,698	\$ 26,179,787	\$ 45,640,270

Footnotes:	Col. 1 + Col. 2			Cum. Sum of Col. 1/12/10	Cum. Sum of Col. 2/12/10	Cum. Sum of Col. 5 + 6	Col. 4 - Col. 7	Col. 5 + Col. 6	Col. 9 - Col. 10 x Tax Rate (28.11%)	Prior mth. Col. 12 + Prior mth. Col. 11	Prior mth. Col. 13 + Current mth. Col. 11	Col. 8 - Col. 13	Col. 14 x Monthly WACC	Col. 5 + Col. 6 + Col. 15 + Col. 16
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Jersey Central Power & Light  
 Clean Energy Energy Efficiency Program  
 Electric Revenue Requirements Calculation - GS,OL,SVL,MVL,ISL,LED

Program Investment Amortization	10 Years
Monthly WACC Effective 7/1/21	0.76348%
Federal & State Income tax rate	28.11%

Investment Month	(1) Customer Incentives FERC (182)	(2) Outside Services FERC (182)	(3) Total Monthly Investments FERC (182)	(4) Cumulative Investments FERC (182)	(5) Customer Incentives Amortization FERC (407)	(6) Outside Services Amortization FERC (407)	(7) Accumulated Amortization FERC (407)	(8) Net Investments (4) + (7)	(9) Tax Depreciation	(10) Book Depreciation Tax Basis (5) + (6)	(11) Deferred Income Tax FERC (283)	(12) Beginning Accumulated Deferred Income Tax (11) + (12)	(13) Ending Accumulated Deferred Income Tax (11) + (12)	(14) Rate Base (8) - (13)	(15) Return Component (14) x WACC	(16) O & M Expenses FERC (923)	(17) Revenue Requirements (FERC 440-444)
Jul-21	\$ 816,290	\$ 291,871	\$ 1,108,161	\$ 1,108,161	6,802	2,432	\$ 9,235	\$ 1,098,926	\$ 1,108,161	\$ 9,235	\$ 308,908	\$ -	\$ 308,908	\$ 790,018	\$ 6,032	\$ 302,303	\$ 317,570
Aug-21	816,290	291,871	1,108,161	2,216,321	13,605	4,865	27,704	2,188,617	1,108,161	18,469	306,312	308,908	615,220	1,573,397	12,013	302,303	332,785
Sep-21	816,290	291,871	1,108,161	3,324,482	20,407	7,297	55,408	3,269,074	1,108,161	27,704	303,716	615,220	918,937	2,350,137	17,943	302,303	347,950
Oct-21	816,290	291,871	1,108,161	4,432,643	27,210	9,729	92,347	4,340,296	1,108,161	36,939	301,121	918,937	1,220,057	3,120,239	23,822	302,303	363,065
Nov-21	816,290	291,871	1,108,161	5,540,804	34,012	12,161	138,520	5,402,283	1,108,161	46,173	298,525	1,220,057	1,518,582	3,883,702	29,651	302,303	378,128
Dec-21	816,290	291,871	1,108,161	6,648,964	40,814	14,594	193,928	6,455,036	1,108,161	55,408	295,929	1,518,582	1,814,511	4,640,525	35,430	302,303	393,141
Jan-22	816,290	291,871	1,108,161	7,757,125	47,617	17,026	258,571	7,498,554	1,108,161	64,643	293,333	1,814,511	2,107,844	5,390,711	41,157	302,303	408,103
Feb-22	816,290	291,871	1,108,161	8,865,286	54,419	19,458	332,448	8,532,837	1,108,161	73,877	290,737	2,107,844	2,398,581	6,134,257	46,834	302,303	423,015
Mar-22	816,290	291,871	1,108,161	9,973,446	61,222	21,890	415,560	9,557,886	1,108,161	83,112	288,141	2,398,581	2,686,722	6,871,164	52,460	302,303	437,876
Apr-22	816,290	291,871	1,108,161	11,081,607	68,024	24,323	507,907	10,573,700	1,108,161	92,347	285,545	2,686,722	2,972,267	7,601,433	58,036	302,303	452,686
May-22	816,290	291,871	1,108,161	12,189,768	74,827	26,755	609,488	11,580,279	1,108,161	101,581	282,949	2,972,267	3,255,217	8,325,063	63,560	302,303	467,445
Jun-22	816,290	291,871	1,108,161	13,297,928	81,629	29,187	720,304	12,577,624	1,108,161	110,816	280,354	3,255,217	3,535,570	9,042,054	69,034	302,303	482,154
Jul-22	1,560,057	364,759	1,924,816	15,222,745	94,629	32,227	847,161	14,375,584	1,924,816	126,856	505,407	3,535,570	4,040,977	10,334,607	78,903	305,635	511,394
Aug-22	1,560,057	364,759	1,924,816	17,147,561	107,630	35,266	990,057	16,157,504	1,924,816	142,896	500,898	4,040,977	4,541,874	11,615,629	88,683	305,635	537,214
Sep-22	1,560,057	364,759	1,924,816	19,072,377	120,630	38,306	1,148,993	17,923,383	1,924,816	158,936	496,389	4,541,874	5,038,263	12,885,120	98,376	305,635	562,947
Oct-22	1,560,057	364,759	1,924,816	20,997,193	133,631	41,346	1,323,970	19,673,223	1,924,816	174,977	491,880	5,038,263	5,530,143	14,143,080	107,980	305,635	588,591
Nov-22	1,560,057	364,759	1,924,816	22,922,009	146,631	44,385	1,514,987	21,407,022	1,924,816	191,017	487,371	5,530,143	6,017,514	15,389,508	117,496	305,635	614,148
Dec-22	1,560,057	364,759	1,924,816	24,846,825	159,632	47,425	1,722,044	23,124,781	1,924,816	207,057	482,862	6,017,514	6,500,376	16,624,405	126,924	305,635	639,616
Jan-23	1,560,057	364,759	1,924,816	26,771,641	172,632	50,465	1,945,141	24,826,501	1,924,816	223,097	478,353	6,500,376	6,978,729	17,847,771	136,264	305,635	664,996
Feb-23	1,560,057	364,759	1,924,816	28,696,457	185,633	53,504	2,184,278	26,512,180	1,924,816	239,137	473,844	6,978,729	7,452,574	19,059,606	145,517	305,635	690,289
Mar-23	1,560,057	364,759	1,924,816	30,621,273	198,633	56,544	2,439,455	28,181,818	1,924,816	255,177	469,335	7,452,574	7,921,909	20,259,909	154,681	305,635	715,493
Apr-23	1,560,057	364,759	1,924,816	32,546,090	211,634	59,584	2,710,673	29,835,417	1,924,816	271,217	464,827	7,921,909	8,386,736	21,448,681	163,757	305,635	740,609
May-23	1,560,057	364,759	1,924,816	34,470,906	224,634	62,623	2,997,930	31,472,976	1,924,816	287,258	460,318	8,386,736	8,847,053	22,625,922	172,745	305,635	765,637
Jun-23	1,560,057	364,759	1,924,816	36,395,722	237,635	65,663	3,301,228	33,094,494	1,924,816	303,298	455,809	8,847,053	9,302,862	23,791,632	181,645	305,635	790,577
Jul-23	1,903,867	470,207	2,374,074	38,769,796	253,500	69,581	3,624,309	35,145,487	2,374,074	323,082	576,534	9,302,862	9,879,396	25,266,090	192,902	316,969	833,952
Aug-23	1,903,867	470,207	2,374,074	41,143,870	269,366	73,500	3,967,175	37,176,695	2,374,074	342,866	570,973	9,879,396	10,450,369	26,726,326	204,051	316,969	863,885
Sep-23	1,903,867	470,207	2,374,074	43,517,945	285,231	77,418	4,329,825	39,188,120	2,374,074	362,650	565,412	10,450,369	11,015,781	28,172,340	215,091	316,969	894,709
Oct-23	1,903,867	470,207	2,374,074	45,892,019	301,097	81,337	4,712,258	41,179,761	2,374,074	382,433	559,850	11,015,781	11,575,631	29,604,130	226,022	316,969	925,424
Nov-23	1,903,867	470,207	2,374,074	48,266,093	316,962	85,255	5,114,475	43,151,618	2,374,074	402,217	554,289	11,575,631	12,129,920	31,021,698	236,845	316,969	956,031
Dec-23	1,903,867	470,207	2,374,074	50,640,168	332,828	89,173	5,536,477	45,103,691	2,374,074	422,001	548,728	12,129,920	12,678,647	32,425,043	247,559	316,969	986,529
Jan-24	1,903,867	470,207	2,374,074	53,014,242	348,694	93,092	5,978,262	47,035,980	2,374,074	441,785	543,166	12,678,647	13,221,814	33,814,166	258,165	316,969	1,016,919
Feb-24	1,903,867	470,207	2,374,074	55,388,316	364,559	97,010	6,439,832	48,948,485	2,374,074	461,569	537,605	13,221,814	13,759,419	35,189,066	268,662	316,969	1,047,200
Mar-24	1,903,867	470,207	2,374,074	57,762,391	380,425	100,929	6,921,185	50,841,206	2,374,074	481,353	532,044	13,759,419	14,291,463	36,549,743	279,051	316,969	1,077,373
Apr-24	1,903,867	470,207	2,374,074	60,136,465	396,290	104,847	7,422,322	52,714,143	2,374,074	501,137	526,483	14,291,463	14,817,946	37,896,197	289,331	316,969	1,107,436
May-24	1,903,867	470,207	2,374,074	62,510,539	412,156	108,765	7,943,243	54,567,296	2,374,074	520,921	520,921	14,817,946	15,338,867	39,228,429	299,502	316,969	1,137,392
Jun-24	1,903,867	470,207	2,374,074	64,884,613	428,021	112,684	8,483,948	56,400,665	2,374,074	540,705	515,360	15,338,867	15,854,227	40,546,438	309,565	316,969	1,167,238
Total	\$ 51,362,563	\$ 13,522,051	\$ 64,884,613		\$ 6,613,303	\$ 1,870,646			\$ 64,884,613	\$ 8,483,948	\$ 15,854,227				\$ 5,055,686	\$ 11,098,882	\$ 24,638,516

Footnotes: Col. 1 + Col. 2 Cum. Sum of Col. 1/12/10 Cum. Sum of Col. 2/12/10 Cum. Sum of Col. 5 + 6 Col. 4 - Col. 7 Col. 5 + Col. 6 Col. 9 - Col. 10) x Tax Rate (28.11%) Prior mth. Col. 12 + Prior mth. Col. 11 Prior mth. Col. 13 + Current mth. Col. 11 Col. 8 - Col. 13 Col. 14 x Monthly WACC Col. 5 + Col. 6 + Col. 15 + Col. 16

Jersey Central Power & Light  
Clean Energy Energy Efficiency Program  
Electric Revenue Requirements Calculation - GST,GP,GT

Program Investment Amortization	10 Years
Monthly WACC Effective 7/1/21	0.76348%
Federal & State Income tax rate	28.11%

Investment Month	(1) Customer Incentives FERC (182)	(2) Outside Services FERC (182)	(3) Total Monthly Investments FERC (182)	(4) Cumulative Investments FERC (182)	(5) Customer Incentives Amortization FERC (407)	(6) Outside Services Amortization FERC (407)	(7) Accumulated Amortization FERC (407)	(8) Net Investments (4) + (7)	(9) Tax Depreciation	(10) Book Depreciation Tax Basis (5) + (6)	(11) Deferred Income Tax FERC (283)	(12) Beginning Accumulated Deferred Income Tax (11) + (12)	(13) Ending Accumulated Deferred Income Tax (11) + (12)	(14) Rate Base (8) - (13)	(15) Return Component (14) x WACC	(16) O & M Expenses FERC (923)	(17) Revenue Requirements (FERC 440-444)
Jul-21	\$ 413,328	\$ 114,017	\$ 527,345	\$ 527,345	3,444	950	\$ 4,395	\$ 522,950	\$ 527,345	\$ 4,395	\$ 147,001	\$ -	\$ 147,001	\$ 375,949	\$ 2,870	\$ 123,890	\$ 131,155
Aug-21	413,328	114,017	527,345	1,054,690	6,889	1,900	13,184	1,041,506	527,345	8,789	145,766	147,001	292,767	748,739	5,716	123,890	138,396
Sep-21	413,328	114,017	527,345	1,582,035	10,333	2,850	26,367	1,555,667	527,345	13,184	144,531	292,767	437,298	1,118,369	8,539	123,890	145,613
Oct-21	413,328	114,017	527,345	2,109,379	13,778	3,801	43,945	2,065,434	527,345	17,578	143,295	437,298	580,594	1,484,841	11,336	123,890	152,805
Nov-21	413,328	114,017	527,345	2,636,724	17,222	4,751	65,918	2,570,806	527,345	21,973	142,060	580,594	722,654	1,848,153	14,110	123,890	159,973
Dec-21	413,328	114,017	527,345	3,164,069	20,666	5,701	92,285	3,071,784	527,345	26,367	140,825	722,654	863,478	2,208,305	16,860	123,890	167,118
Jan-22	413,328	114,017	527,345	3,691,414	24,111	6,651	123,047	3,568,367	527,345	30,762	139,590	863,478	1,003,068	2,565,299	19,586	123,890	174,238
Feb-22	413,328	114,017	527,345	4,218,759	27,555	7,601	158,203	4,060,556	527,345	35,156	138,354	1,003,068	1,141,422	2,919,133	22,287	123,890	181,334
Mar-22	413,328	114,017	527,345	4,746,104	31,000	8,551	197,754	4,548,350	527,345	39,551	137,119	1,141,422	1,278,541	3,269,808	24,964	123,890	188,406
Apr-22	413,328	114,017	527,345	5,273,449	34,444	9,501	241,700	5,031,749	527,345	43,945	135,884	1,278,541	1,414,425	3,617,324	27,618	123,890	195,453
May-22	413,328	114,017	527,345	5,800,794	37,888	10,452	290,040	5,510,754	527,345	48,340	134,648	1,414,425	1,549,073	3,961,681	30,247	123,890	202,477
Jun-22	413,328	114,017	527,345	6,328,138	41,333	11,402	342,774	5,985,364	527,345	52,734	133,413	1,549,073	1,682,486	4,302,878	32,852	123,890	209,477
Jul-22	757,204	129,077	886,280	7,214,419	47,643	12,477	402,894	6,811,525	886,280	60,120	232,234	1,682,486	1,914,720	4,896,805	37,386	120,498	218,004
Aug-22	757,204	129,077	886,280	8,100,699	53,953	13,553	470,400	7,630,299	886,280	67,506	230,158	1,914,720	2,144,877	5,485,422	41,880	120,498	229,884
Sep-22	757,204	129,077	886,280	8,986,980	60,263	14,629	545,292	8,441,688	886,280	74,891	228,081	2,144,877	2,372,959	6,068,730	46,334	120,498	241,723
Oct-22	757,204	129,077	886,280	9,873,260	66,573	15,704	627,569	9,245,962	886,280	82,277	226,005	2,372,959	2,598,964	6,646,728	50,747	120,498	253,521
Nov-22	757,204	129,077	886,280	10,759,541	72,883	16,780	717,232	10,042,309	886,280	89,663	223,929	2,598,964	2,822,893	7,219,416	55,119	120,498	265,279
Dec-22	757,204	129,077	886,280	11,645,821	79,193	17,856	814,280	10,831,541	886,280	97,049	221,853	2,822,893	3,044,746	7,786,795	59,451	120,498	276,997
Jan-23	757,204	129,077	886,280	12,532,102	85,503	18,931	918,714	11,613,388	886,280	104,434	219,777	3,044,746	3,264,523	8,348,864	63,742	120,498	288,674
Feb-23	757,204	129,077	886,280	13,418,382	91,813	20,007	1,030,534	12,387,848	886,280	111,820	217,701	3,264,523	3,482,224	8,905,624	67,993	120,498	300,310
Mar-23	757,204	129,077	886,280	14,304,663	98,123	21,082	1,149,740	13,154,923	886,280	119,206	215,625	3,482,224	3,697,849	9,457,074	72,203	120,498	311,906
Apr-23	757,204	129,077	886,280	15,190,943	104,433	22,158	1,276,331	13,914,612	886,280	126,591	213,549	3,697,849	3,911,398	10,003,215	76,373	120,498	323,461
May-23	757,204	129,077	886,280	16,077,224	110,743	23,234	1,410,308	14,666,916	886,280	133,977	211,473	3,911,398	4,122,870	10,544,046	80,502	120,498	334,976
Jun-23	757,204	129,077	886,280	16,963,504	117,053	24,309	1,551,670	15,411,834	886,280	141,363	209,396	4,122,870	4,332,267	11,079,567	84,590	120,498	346,451
Jul-23	1,184,501	201,010	1,385,512	18,349,016	126,924	25,984	1,704,579	16,644,437	1,385,512	152,908	346,485	4,332,267	4,678,751	11,965,686	91,356	199,953	444,218
Aug-23	1,184,501	201,010	1,385,512	19,734,528	136,795	27,660	1,869,033	17,865,494	1,385,512	164,454	343,239	4,678,751	5,021,990	12,843,504	98,058	199,953	462,465
Sep-23	1,184,501	201,010	1,385,512	21,120,039	146,666	29,335	2,045,034	19,075,006	1,385,512	176,000	339,994	5,021,990	5,361,984	13,713,022	104,696	199,953	480,650
Oct-23	1,184,501	201,010	1,385,512	22,505,551	156,537	31,010	2,232,580	20,272,971	1,385,512	187,546	336,748	5,361,984	5,698,732	14,574,239	111,272	199,953	498,771
Nov-23	1,184,501	201,010	1,385,512	23,891,063	166,407	32,685	2,431,672	21,459,391	1,385,512	199,092	333,503	5,698,732	6,032,235	15,427,156	117,784	199,953	516,829
Dec-23	1,184,501	201,010	1,385,512	25,276,574	176,278	34,360	2,642,310	22,634,264	1,385,512	210,638	330,257	6,032,235	6,362,492	16,271,773	124,232	199,953	534,823
Jan-24	1,184,501	201,010	1,385,512	26,662,086	186,149	36,035	2,864,494	23,797,592	1,385,512	222,184	327,011	6,362,492	6,689,503	17,108,089	130,617	199,953	552,754
Feb-24	1,184,501	201,010	1,385,512	28,047,598	196,020	37,710	3,098,224	24,949,373	1,385,512	233,730	323,766	6,689,503	7,013,269	17,936,105	136,939	199,953	570,622
Mar-24	1,184,501	201,010	1,385,512	29,433,109	205,891	39,385	3,343,500	26,089,609	1,385,512	245,276	320,520	7,013,269	7,333,789	18,755,820	143,197	199,953	588,426
Apr-24	1,184,501	201,010	1,385,512	30,818,621	215,762	41,060	3,600,322	27,218,299	1,385,512	256,822	317,275	7,333,789	7,651,064	19,567,235	149,392	199,953	606,167
May-24	1,184,501	201,010	1,385,512	32,204,132	225,632	42,735	3,868,690	28,335,443	1,385,512	268,368	314,029	7,651,064	7,965,093	20,370,350	155,524	199,953	623,845
Jun-24	1,184,501	201,010	1,385,512	33,589,644	235,503	44,410	4,148,603	29,441,041	1,385,512	279,914	310,784	7,965,093	8,275,877	21,165,164	161,592	199,953	641,459
Total	\$ 28,260,399	\$ 5,329,246	\$ 33,589,644		\$ 3,431,403	\$ 717,200			\$ 33,589,644	\$ 4,148,603	\$ 8,275,877				\$ 2,477,963	\$ 5,332,094	\$ 11,958,661

Footnotes: Col. 1 + Col. 2 Cum. Sum of Col. 1/12/10 Cum. Sum of Col. 2/12/10 Cum. Sum of Col. 5 + 6 Col. 4 - Col. 7 Col. 5 + Col. 6 Col. 9 - Col. 10) x Tax Rate (28.11%) Prior mth. Col. 11 + Prior mth. Col. 11 Prior mth. Col. 13 + Current mth. Col. 11 Col. 8 - Col. 13 Col. 14 x Monthly WACC Col. 5 + Col. 6 + Col. 15 + Col. 16

**Jersey Central Power & Light  
Clean Energy Energy Efficiency Program  
Proposed Rate Calculation  
(In \$ per kWh)**

Schedule CP-4

<u>Line #</u>		<u>7/1/2021</u> to <u>6/30/2022</u>	<u>7/1/2022</u> to <u>6/30/2023</u>	<u>7/1/2023</u> to <u>6/30/2024</u>	<u>Comments</u>
	<b><u>RS,RT/RGT</u></b>				
1	Amortization Expense	\$ 1,143,269	\$ 3,824,204	\$ 7,241,311	Schedule CP-3, Col. 5 + Col. 6
2	Rate of Return	723,720	2,324,284	4,203,694	Schedule CP-3, Col. 15
3	O & M Expenses	9,978,238	8,132,975	8,068,575	Schedule CP-3, Col. 16
4	less Revenue offsets	-	-	-	
5	Revenue Requirements	\$ 11,845,226	\$ 14,281,464	\$ 19,513,580	Schedule CP-3, Col 17
6	Forecasted kWh	9,093,546,059	9,100,508,437	9,093,853,803	
7	Proposed rate w/o SUT (\$/kWh)	\$ 0.001303	\$ 0.001569	\$ 0.002146	Line 5 / Line 6 (rounded 6 dec. pts.)
8	<b>Proposed rate w SUT (\$/kWh)</b>	<b>\$ 0.001389</b>	<b>\$ 0.001673</b>	<b>\$ 0.002288</b>	Line 7 x (1 + 6.625%)
9	Revenues received	\$ 12,630,935	\$ 15,225,151	\$ 20,806,738	Line 8 x Line 6
	<b><u>GS,OL,SVL,MVL,ISL,LED</u></b>				
1	Amortization Expense	\$ 720,304	\$ 2,580,923	\$ 5,182,720	Schedule CP-3, Col. 5 + Col. 6
2	Rate of Return	455,972	1,572,970	3,026,744	Schedule CP-3, Col. 15
3	O & M Expenses	3,627,640	3,667,617	3,803,624	Schedule CP-3, Col. 16
4	less Revenue offsets	-	-	-	
5	Revenue Requirements	\$ 4,803,917	\$ 7,821,510	\$ 12,013,089	Schedule CP-3, Col 17
6	Forecasted kWh	6,261,632,334	6,379,441,491	6,432,016,143	
7	Proposed rate w/o SUT (\$/kWh)	\$ 0.000767	\$ 0.001226	\$ 0.001868	Line 5 / Line 6 (rounded 6 dec. pts.)
8	<b>Proposed rate w SUT (\$/kWh)</b>	<b>\$ 0.000818</b>	<b>\$ 0.001307</b>	<b>\$ 0.001992</b>	Line 7 x (1 + 6.625%)
9	Revenues received	\$ 5,122,015	\$ 8,337,930	\$ 12,812,576	Line 8 x Line 6
	<b><u>GST,GP,GT</u></b>				
1	Amortization Expense	\$ 342,774	\$ 1,208,896	\$ 2,596,933	Schedule CP-3, Col. 5 + Col. 6
2	Rate of Return	216,985	736,319	1,524,659	Schedule CP-3, Col. 15
3	O & M Expenses	1,486,685	1,445,970	2,399,439	Schedule CP-3, Col. 16
4	less Revenue offsets	-	-	-	
5	Revenue Requirements	\$ 2,046,444	\$ 3,391,186	\$ 6,521,031	Schedule CP-3, Col 17
6	Forecasted kWh	9,171,684	9,360,219	9,493,873	
7	Proposed rate w/o SUT (\$/kWh)	\$ 0.22	\$ 0.36	\$ 0.69	Line 5 / Line 6 (rounded 6 dec. pts.)
8	<b>Proposed rate w SUT (\$/kWh)</b>	<b>\$ 0.23</b>	<b>\$ 0.38</b>	<b>\$ 0.74</b>	Line 7 x (1 + 6.625%)
9	Revenues received	\$ 2,109,487	\$ 3,556,883	\$ 7,025,466	Line 8 x Line 6
	<b><u>Total Company</u></b>				
1	Amortization Expense	\$ 2,206,348	\$ 7,614,024	\$ 15,020,965	
2	Rate of Return	1,396,677	4,633,573	8,755,097	
3	O & M Expenses	15,092,563	13,246,562	14,271,638	
4	less Revenue offsets	-	-	-	
5	Revenue Requirements	\$ 18,695,588	\$ 25,494,160	\$ 38,047,699	
6	Forecasted kWh	15,364,350,076	15,489,310,147	15,535,363,820	



**Jersey Central Power & Light**  
**Clean Energy Energy Efficiency Program**  
**Rate Impact Summary**

Schedule CP-5

**CLASS INCREASES**

**Class Average Rate w/SUT (\$/kWh)**

<b>Period</b>	<b>RS</b>	<b>RT</b>	<b>RGT</b>	<b>GS</b>	<b>GST</b>	<b>GP</b>	<b>GT</b>	<b>Lighting</b>
Current	\$ 0.13983	\$ 0.13184	\$ 0.13588	\$ 0.12971	\$ 0.11864	\$ 0.09725	\$ 0.08886	\$ 0.23011
July 21 - June 22	\$ 0.14147	\$ 0.13347	\$ 0.13751	\$ 0.13070	\$ 0.11932	\$ 0.09784	\$ 0.08954	\$ 0.23110
July 22 - June 23	\$ 0.14182	\$ 0.13382	\$ 0.13786	\$ 0.13126	\$ 0.11976	\$ 0.09822	\$ 0.08997	\$ 0.23166
July 23 - June 24	\$ 0.14251	\$ 0.13452	\$ 0.13856	\$ 0.13201	\$ 0.12079	\$ 0.09913	\$ 0.09101	\$ 0.23241

**Class Average Annual Increase**

<b>Period</b>	<b>RS</b>	<b>RT</b>	<b>RGT</b>	<b>GS</b>	<b>GST</b>	<b>GP</b>	<b>GT</b>	<b>Lighting</b>
July 21 - June 22	1.2%	1.2%	1.2%	0.8%	0.6%	0.6%	0.8%	0.4%
July 22 - June 23	0.2%	0.3%	0.3%	0.4%	0.4%	0.4%	0.5%	0.2%
July 23 - June 24	0.5%	0.5%	0.5%	0.6%	0.9%	0.9%	1.2%	0.3%

**Cumulative Class Average Annual Increase**

<b>Period</b>	<b>RS</b>	<b>RT</b>	<b>RGT</b>	<b>GS</b>	<b>GST</b>	<b>GP</b>	<b>GT</b>	<b>Lighting</b>
July 21 - June 22	1.2%	1.2%	1.2%	0.8%	0.6%	0.6%	0.8%	0.4%
July 22 - June 23	1.4%	1.5%	1.5%	1.2%	0.9%	1.0%	1.2%	0.7%
July 23 - June 24	1.9%	2.0%	2.0%	1.8%	1.8%	1.9%	2.4%	1.0%

**TYPICAL BILL INCF**

**Typical Customer Monthly Bill**

	<b>RS</b>	<b>RT</b>	<b>RGT</b>	<b>GS</b>	<b>GST</b>	<b>GP</b>	<b>GT</b>
Typical Average Customer	768	1,052	2,134	4,445	246,416	361,532	1,067,426
Current Typical Bill	\$ 105.52	\$ 138.77	\$ 289.95	\$ 577.19	\$ 29,235.49	\$ 35,157.93	\$ 94,847.86
July 21 - June 22 typ	\$ 106.77	140.49	293.43	581.59	29,402.69	35,372.79	95,575.23
July 22 - June 23 typ	\$ 107.04	140.86	294.18	584.09	29,509.70	35,510.29	96,040.75
July 23 - June 24 typ	\$ 107.57	141.59	295.66	587.42	29,763.85	35,836.87	97,146.36

**Typical Customer Average Annual Increase**

<b>Period</b>	<b>RS</b>	<b>RT</b>	<b>RGT</b>	<b>GS</b>	<b>GST</b>	<b>GP</b>	<b>GT</b>
July 21 - June 22	1.2%	1.2%	1.2%	0.8%	0.6%	0.6%	0.8%
July 22 - June 23	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%	0.5%
July 23 - June 24	0.5%	0.5%	0.5%	0.6%	0.9%	0.9%	1.2%

**Cumulative Typical Customer Average Annual Increase**

<b>Period</b>	<b>RS</b>	<b>RT</b>	<b>RGT</b>	<b>GS</b>	<b>GST</b>	<b>GP</b>	<b>GT</b>
July 21 - June 22	1.2%	1.2%	1.2%	0.8%	0.6%	0.6%	0.8%
July 22 - June 23	1.5%	1.5%	1.5%	1.2%	0.9%	1.0%	1.3%
July 23 - June 24	2.0%	2.0%	2.0%	1.8%	1.8%	1.9%	2.4%

**Jersey Central Power & Light  
Clean Energy Energy Efficiency Program  
Proposed Lost Revenue Rate Calculation**

Schedule CP-6

	<u>7/1/2021</u> to <u>6/30/2022</u>		<u>7/1/2022</u> to <u>6/30/2023</u>		<u>7/1/2023</u> to <u>6/30/2022</u>	
<b>Target Savings (kWh)</b>	<b>Summer</b>	<b>Winter</b>	<b>Summer</b>	<b>Winter</b>	<b>Summer</b>	<b>Winter</b>
RS	23,247,715	31,692,063	29,620,138	40,215,669	37,207,045	50,285,375
RT	366,720	770,510	467,197	977,860	586,817	1,222,685
RGT	26,212	62,367	33,392	79,152	41,939	98,971
GS	7,225,610	12,811,031	13,624,812	24,254,205	19,191,965	34,178,523
GST	560,825	1,046,817	1,058,092	1,983,071	1,490,736	2,794,283
GP	1,888,238	3,360,724	3,571,250	6,378,476	5,032,443	8,987,652
GT	2,032,997	3,924,451	3,844,167	7,438,799	5,483,338	10,612,506
Lighting	<u>3,820,240</u>	<u>7,640,480</u>	<u>3,820,240</u>	<u>7,640,480</u>	<u>3,820,240</u>	<u>7,640,480</u>
	39,168,557	61,308,443	56,039,288	88,967,712	72,854,523	115,820,475
<b>Revenue Factor (\$ per kWh)</b>						
RS	\$0.056031	\$0.023211	\$0.056031	\$0.023211	\$0.056031	\$0.023211
RT	\$0.043421	\$0.031895	\$0.043421	\$0.031895	\$0.043421	\$0.031895
RGT	\$0.043421	\$0.023211	\$0.043421	\$0.023211	\$0.043421	\$0.023211
GS	\$0.026638	\$0.024756	\$0.026638	\$0.024756	\$0.026638	\$0.024756
GST	\$0.021529	\$0.020179	\$0.021529	\$0.020179	\$0.021529	\$0.020179
GP	\$0.015543	\$0.014185	\$0.015543	\$0.014185	\$0.015543	\$0.014185
GT	\$0.009758	\$0.009758	\$0.009758	\$0.009758	\$0.009758	\$0.009758
Lighting	\$0.043172	\$0.043172	\$0.043172	\$0.043172	\$0.043172	\$0.043172
<b>Lost Revenue</b>						
RS	\$1,302,593	\$735,604	\$1,659,646	\$933,446	\$2,084,748	\$1,167,174
RT	\$15,923	\$24,575	\$20,286	\$31,189	\$25,480	\$38,998
RGT	\$1,138	\$1,448	\$1,450	\$1,837	\$1,821	\$2,297
GS	\$192,473	\$317,145	\$362,932	\$600,427	\$511,227	\$846,110
GST	\$12,074	\$21,123	\$22,779	\$40,016	\$32,094	\$56,385
GP	\$29,349	\$47,673	\$55,508	\$90,481	\$78,219	\$127,493
GT	\$19,837	\$38,293	\$37,510	\$72,585	\$53,504	\$103,553
Lighting	<u>\$164,927</u>	<u>\$329,855</u>	<u>\$164,927</u>	<u>\$329,855</u>	<u>\$164,927</u>	<u>\$329,855</u>
	\$1,738,314	\$1,515,717	\$2,325,038	\$2,099,835	\$2,952,021	\$2,671,864
	<b>Annualized</b>		<b>Annualized</b>		<b>Annualized</b>	
RS, RT and RGT	\$2,081,282		\$2,647,854		\$3,320,518	
GS and Lighting	\$1,004,400		\$1,458,141		\$1,852,119	
GST, GP and GT	<u>\$168,349</u>		<u>\$318,878</u>		<u>\$451,247</u>	
	\$3,254,031		\$4,424,874		\$5,623,884	
<b>Forecast Sales</b>						
RS, RT and RGT	9,093,546,059 <i>kWh</i>		9,100,508,437 <i>kWh</i>		9,093,853,803 <i>kWh</i>	
GS and Lighting	6,261,632,334 <i>kWh</i>		6,379,422,914 <i>kWh</i>		6,431,997,566 <i>kWh</i>	
GST, GP and GT	9,171,684 <i>kW</i>		9,360,219 <i>kW</i>		9,493,873 <i>kW</i>	
<b>Lost Revenue Rate</b>						
RS, RT and RGT	\$0.000229 <i>\$/kWh</i>		\$0.000291 <i>\$/kWh</i>		\$0.000365 <i>\$/kWh</i>	
GS and Lighting	\$0.000160 <i>\$/kWh</i>		\$0.000229 <i>\$/kWh</i>		\$0.000288 <i>\$/kWh</i>	
GST, GP and GT	\$0.02 <i>\$/kW</i>		\$0.03 <i>\$/kW</i>		\$0.05 <i>\$/kW</i>	
<b>Lost Revenue Rate with SUT</b>						
RS, RT and RGT	\$0.000244 <i>\$/kWh</i>		\$0.000310 <i>\$/kWh</i>		\$0.000389 <i>\$/kWh</i>	
GS and Lighting	\$0.000171 <i>\$/kWh</i>		\$0.000244 <i>\$/kWh</i>		\$0.000307 <i>\$/kWh</i>	
GST, GP and GT	\$0.02 <i>\$/kW</i>		\$0.03 <i>\$/kW</i>		\$0.05 <i>\$/kW</i>	

**Rider EE&C**  
**JCP&L Energy Efficiency and Conservation Charge**

**APPLICABILITY:** The Energy Efficiency and Conservation Charge (“Rider EE&C”) provides for recovery of revenue requirements associated with Energy Efficiency and Peak Demand Reduction Programs subject to regulations pursuant to N.J.S.A. 48:3-98 1(a)(1) and as approved by the BPU Order.

The JCP&L EE&C Charge is applicable to Service Classifications RS (Residential Service), RT (Residential Time-of-Day), RGT (Residential Geothermal & Heat Pump), GS (General Service Secondary), GST (General Service Secondary Time-of-Day), GP (General Service Primary), GT (General Service Transmission), OL (Outdoor Lighting), SVL (Sodium Vapor Street Lighting), MVL (Mercury Vapor Street Lighting), ISL (Incandescent Street Lighting) and LED (LED Street Lighting) and for all usage (KWH and KW) of any Full Service Customer or Delivery Service Customer, as follows:

<u>Service Classification</u>	<u>EE&amp;C Charge (Including SUT)</u>	
RS	\$0.001389	per KWH
RT/RGT	\$0.001389	per KWH
GS	\$0.000818	per KWH
GST	\$0.23	per KW
GP	\$0.23	per KW
GT	\$0.23	per KW
Lighting (OL, SVL, MVL, SVL and LED)	\$0.000818	per KWH

The Company will submit to the BPU by March 31 of each year starting March 31, 2022 an application to recover the revenue requirements for the forthcoming Program Year starting July 1<sup>st</sup> of each year and ending June 30<sup>th</sup> of the following year. The revenue requirements will include a return of and on EE&C program investments and a reconciliation of actual revenues with actual costs including carrying costs through the end of February of each year. Carrying cost is calculated on a monthly basis at an interest rate equal to the rate on two-year constant maturity Treasuries, as show in the Federal Reserve Statistical Release on or closest to January 1 of each year, plus sixty basis points, compounded annually as of January 1 of each year. All subsequent filings will adhere to the Company’s recovery periods as approved in the below referenced BPU Order.

**Issued:**

**Effective:**

**Filed pursuant to Order of Board of Public Utilities**  
**Docket** **dated**

Issued by James V. Fakult, President  
 300 Madison Avenue, Morristown, NJ 07962-1911

**Rider LRAM**  
**JCP&L Lost Revenue Adjustment Mechanism Charge**

**APPLICABILITY:** The Lost Revenue Adjustment Mechanism Charge (“Rider LRAM” or “LRAM Charge”) provides for recovery of lost distribution revenues associated with the Company’s Energy Efficiency and Peak Demand Reduction Programs subject to regulations pursuant to N.J.S.A. 48:3-98. 1(a)(1) and as approved by the BPU Order.

The JCP&L LRAM Charge is applicable to Service Classifications RS (Residential Service), RT (Residential Time-of-Day), RGT (Residential Geothermal & Heat Pump), GS (General Service Secondary), GST (General Service Secondary Time-of-Day), GP (General Service Primary), GT (General Service Transmission), OL (Outdoor Lighting), SVL (Sodium Vapor Street Lighting), MVL (Mercury Vapor Street Lighting), ISL (Incandescent Street Lighting) and LED (LED Street Lighting) and for all usage (KWH and KW) of any Full Service Customer or Delivery Service Customer, as follows:

<u>Service Classification</u>	<u>LRAM Charge (Including SUT)</u>	
RS	\$0.000244	per KWH
RT/RGT	\$0.000244	per KWH
GS	\$0.000171	per KWH
GST	\$0.02	per KW
GP	\$0.02	per KW
GT	\$0.02	per KW
Lighting (OL, SVL, MVL, SVL and LED)	\$0.000171	per KWH

The Company will submit to the BPU by March 31 of each year starting March 31, 2022 recover the revenue requirements for the forthcoming Year starting July 1<sup>st</sup> of each year and ending June 30<sup>th</sup> of the following year. The revenue requirements will include a reconciliation of actual revenues with projected revenues including carrying costs through the end of February of each year. Carrying cost is calculated on a monthly basis at an interest rate equal to the rate on two-year constant maturity Treasuries, as show in the Federal Reserve Statistical Release on or closest to January 1 of each year, plus sixty basis points, compounded annually as of January 1 of each year. All subsequent filings will adhere to the Company’s recovery periods as approved in the above referenced BPU Order and in accordance with N.J.S.A. 48:3-98. 1(a)(1).

**Issued:**

**Effective:**

**Filed pursuant to Order of Board of Public Utilities**  
**Docket** **dated**

**Jersey Central Power & Light  
Clean Energy Energy Efficiency Program  
Proforma Income Statement & Balance Sheet  
For Program Year Ending June 30th of Each Year**

Schedule CP-9

**INCOME STATEMENT**

	<u>Program Year Ending</u>		
	<u>30-Jun-22</u>	<u>30-Jun-23</u>	<u>30-Jun-24</u>
Operating Revenues w/ SUT	\$ 19,862,438	\$ 27,119,964	\$ 40,644,780
less SUT	<u>(1,315,887)</u>	<u>(1,796,698)</u>	<u>(2,692,717)</u>
<b>Net Operating Revenues</b>	<b>\$ 18,546,551</b>	<b>\$ 25,323,266</b>	<b>\$ 37,952,063</b>
<u>Operating Expenses</u>			
Operating & Maintenance Expense	\$ 15,092,563	\$ 13,246,562	\$ 14,271,638
Amortization Expense	<u>2,206,348</u>	<u>7,614,024</u>	<u>15,020,965</u>
<b>Total Operating Expense</b>	<b><u>17,298,911</u></b>	<b><u>20,860,586</u></b>	<b><u>29,292,602</u></b>
<b>Operating Income</b>	<b>1,247,641</b>	<b>4,462,680</b>	<b>8,659,461</b>
Interest Expense	<u>480,601</u>	<u>1,594,428</u>	<u>3,012,659</u>
<b>Income before Income Taxes</b>	<b>767,039</b>	<b>2,868,252</b>	<b>5,646,802</b>
Income Tax Expense	<u>(215,615)</u>	<u>(806,265)</u>	<u>(1,587,316)</u>
<b>Net Income</b>	<b><u>551,425</u></b>	<b><u>2,061,986</u></b>	<b><u>4,059,486</u></b>

**BALANCE SHEET**

	<u>Assets</u>	<u>Program Year Ending</u>		
		<u>1-Jul-21</u>	<u>30-Jun-22</u>	<u>30-Jun-23</u>
Regulatory Asset - Capitalized Program Expenditures	\$ -	\$ 40,732,571	\$ 106,100,575	\$ 187,532,710
less Accumulated Amortization	<u>-</u>	<u>2,206,348</u>	<u>9,820,372</u>	<u>24,841,336</u>
<b>Net Regulatory Assets</b>	<b>\$ -</b>	<b>\$ 38,526,223</b>	<b>\$ 96,280,203</b>	<b>\$ 162,691,373</b>
<b>Total Assets</b>	<b><u>\$ -</u></b>	<b><u>\$ 38,526,223</u></b>	<b><u>\$ 96,280,203</u></b>	<b><u>\$ 162,691,373</u></b>
<b><u>Liabilities &amp; Capitalization</u></b>				
<u>Liabilities</u>				
Deferred Income Taxes	\$ -	\$ 10,829,721	\$ 26,854,969	\$ 45,732,545
<u>Capitalization</u>				
Debt	-	15,233,076	3,979,454	3,687,244
Common Equity	<u>-</u>	<u>12,463,426</u>	<u>65,445,780</u>	<u>113,271,584</u>
<b>Total Capitalization</b>	<b>\$ -</b>	<b>\$ 27,696,502</b>	<b>\$ 69,425,235</b>	<b>\$ 116,958,828</b>
<b>Total Liabilities &amp; Capitalization</b>	<b><u>\$ -</u></b>	<b><u>\$ 38,526,223</u></b>	<b><u>\$ 96,280,203</u></b>	<b><u>\$ 162,691,373</u></b>