Agenda Date: 10/28/20
Agenda Item: 2B

STATE OF NEW JERSEY

Board of Public Utilities
44 South Clinton Avenue, 9th Floor
Post Office Box 350
Trenton, New Jersey 08625-0350
www.nj.gov/bpu/

ENERGY

IN THE MATTER OF THE VERIFIED PETITION OF JERSEY CENTRAL POWER AND LIGHT COMPANY FOR REVIEW AND APPROVAL OF INCREASES IN AND OTHER ADJUSTMENTS TO ITS RATES AND CHARGES FOR ELECTRIC SERVICE, AND FOR APPROVAL OF OTHER PROPOSED TARIFF REVISIONS IN CONNECTION THEREWITH ("2020 BASE RATE FILING")	)	DECISION AND ORDER ADOPTING INITIAL DECISION AND STIPULATION OF SETTLEMENT DOCKET NO. ER20020146 OAL DOCKET NO. PUC 04343-2020N

Parties of Record:

Stefanie A. Brand, Esq., Director, New Jersey Division of Rate Counsel
Gregory Eisenstark, Esq., Cozen O'Connor, on behalf of Jersey Central Power and Light Company
Steven Goldenberg, Esq., Giordano Halleran and Cielsa on behalf of the New Jersey Large Energy Users Coalition
Donald R. Wagner, Esq., Stevens and Lee on behalf of Walmart Inc.
Kenneth J. Hanko, Esq., Picatinny Arsenal on behalf of Department of Defense / Federal Executive Agencies
Murray E. Bevan, Esq., Bevan, Mosca and Giuditta, P.C. on behalf of Commercial Metals Company

BY THE BOARD:

On February 18, 2020, pursuant to N.J.S.A. 48:2-18, N.J.S.A. 48:2-21, N.J.S.A. 48:2-21.1 and N.J.A.C. 14:1-5.12, Jersey Central Power and Light Company ("JCP&L" or "Company"), a public utility of the State of New Jersey subject to the jurisdiction of the New Jersey Board of Public Utilities ("Board" or "BPU"), filed a petition for approval of an increase in its operating revenues of approximately $186.9 million, to be effective for electric service provided on or after March 19, 2020. The Company also sought Board approval to implement new depreciation rates as well as approval of a return on equity of 10.15%.

According to the petition, the Company's current electric distribution rates are not just and reasonable because they do not produce an adequate return on the Company's invested capital, and do not provide sufficient revenues to recover the Company's investment in rate base and its operating expenses.

The Company also sought the following: 1) revisions to certain terms and conditions of its existing tariff; 2) certain revisions to its LED Street Lighting tariff; and 3) approval to roll in all of the capital investments under the Company's Reliability Plus program.[1]

By Order dated March 9, 2020, the Board suspended the proposed rate increase until July 19, 2020. On July 15, 2020, the Board further suspended the implementation of rates until November 19, 2020.

On March 11, 2020, this matter was transmitted to the Office of Administrative Law ("OAL") as a contested case and was assigned to Administrative Law Judge Irene Jones for consideration and hearing. A telephonic pre-hearing conference was held by ALJ Jones on July 17, 2020. On August 11, 2020, a Pre-Hearing Order and Procedural Schedule were issued. Additionally, in the Pre-Hearing Order, ALJ Jones granted intervener status to the New Jersey Large Energy Users Coalition ("NJLEUC"), Walmart Inc., Department of Defense / Federal Executive Agencies ("DOD/FEA"), and Commercial Metals Company ("CMC"). On or about March 30, 2020, Public Service Electric and Gas Company ("PSE&G") filed a motion to participate; however, due to an administrative error, the PSE&G motion was not transmitted to the OAL until September 3, 2020.

On June 2, 2020, JCP&L updated its petition to include nine (9) months of actual data and three (3) months of estimated data. The requested rate increase was modified to $181.98 million. On July 31, 2020, JCP&L updated its petition to include 12 months of actual data. As a result, the requested rate increase was modified to approximately $185.34 million.

After publication of notice in newspapers of general circulation in the Company's service territory, public hearings were held on September 10, 2020 at 1:30 pm and 5:30 pm, with ALJ Jones presiding.[2] Members of the public, business groups, and local officials attended and commented at the public hearings. Additionally, the Board received written comments. The comments made at the public hearings and the written comments included both support for, and opposition to, JCP&L and its petition.

STIPULATION

After comprehensive discovery and settlement discussions, the Company, the New Jersey Division of Rate Counsel ("Rate Counsel"), Board Staff ("Staff"), DOD/FEA, NJLEUC, Walmart Inc., and CMC (collectively, "Parties") reached a stipulation of settlement ("Stipulation"), the key elements of which are as follows:[3]

Rate Base and Revenue Requirements

9. Rate Increase: The Parties agree that an annual base distribution revenues increase for the Company of $94 million is just and reasonable and an appropriate resolution of this matter. Given the current COVID-19 pandemic and the financial uncertainty it has caused for many of JCP&L's customers, the Parties have worked cooperatively

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[1] In re the Verified Petition of Jersey Central Power and Light Company for Approval of an Infrastructure Investment Program (JCP&L Reliability Plus), BPU Docket No. EO18070728 (Order dated May 8, 2019).
[2] Due to the COVID-19 pandemic, public hearings were held virtually.
[3] Although summarized in this Order, the detailed terms of the Stipulation control, subject to the findings and conclusions of the Order. Paragraphs are numbered to coincide with the Stipulation.

to find a resolution of this matter that mitigates the near-term impacts of a rate increase.

10. The Parties request that the Board issue a written Order approving the Stipulation so that the revised base rates set forth in the Stipulation shall become effective for service rendered on and after November 1, 2021. The Parties further agree that the amortization of the cost of removal regulatory liability (as discussed in Paragraph 13 of the Stipulation) and certain other accounting changes (as set forth on Attachment 1 to the Stipulation) shall become effective as of January 1, 2021. The Parties further agree that the other non-rate tariff changes, as set forth on Attachment 2 to the Stipulation and in regard to LED lighting tariff changes, shall be effective as of December 1, 2020.[4] The annual base distribution revenue increase is based on a rate base of $2,623,043,896. The Parties agree that this rate base amount does not reflect any particular ratemaking adjustment proposed by any Party for incorporation into the overall revenue requirement. The Parties further agree that the revenue increase is based on a post-tax rate of return of 7.40%, with a capital structure consisting of 51.44% common equity with a cost rate of 9.60%, and 48.56% long term debt with a cost rate of 5.083%.

11. The Company shall file with the Board tariff sheets reflecting the tariff changes that will become effective on December 1, 2020, consistent with the Stipulation, as a compliance filing. The Parties agree and recommend that the Board should authorize the Company to implement, for service rendered on and after November 1, 2021, tariffs based upon the Company's proof of revenues that supports the total annual revenue increase of $94 million, and sets forth the allocation of the $94 million increase among the Company's customer classes, a copy of which is attached as Attachment 3 of the Stipulation: Summary of Interclass Allocation and Summary of Proof of Revenues and Rate Design. The Company shall file with the Board tariff sheets reflecting the rate changes that will become effective on November 1, 2021, consistent with the Stipulation by October 1, 2021. The tariff sheets included in these compliance filings will be in clean and marked forms and be consistent with Attachments 2 and 3 of the Stipulation.

12. The Parties acknowledge that the stipulated revenue increase reflects consideration of a consolidated income tax adjustment.

13. The Parties further agree that, effective as of January 1, 2021, JCP&L shall be permitted to amortize and apply the $86,195,994 cost of removal regulatory liability[5] to income. More specifically, the balance of the cost of removal regulatory liability as of December 31, 2020 will be amortized in an accelerated manner between January 1, 2021 and October 31, 2021 to offset the base rate increase that otherwise would have occurred in this period, and shall be amortized to income, for the benefit of the Company and its customers. The monthly amortization amounts for the cost of removal regulatory liability are included in an attachment to this Stipulation entitled "Monthly Amortization Amounts for Cost of Removal Regulatory Liability". (Attachment 4 of the Stipulation).

[4] If the ALJ and the Board have not approved this Stipulation before December 1, 2020, the tariff changes set forth on Attachment 2 of the Stipulation shall become effective as of January 1, 2021.
[5] $86,195,994 is the amount of the regulatory liability as of December 31, 2020.

14. The Parties agree that the entire actual net gain from the sale of JCP&L's interest in the Yards Creek generating station[6], currently estimated to be $109.1 million, shall be applied to reduce the Company's existing deferred storm cost balance. Rate Counsel and Staff shall review the final accounting and the calculation of the actual net proceeds from the Yards Creek sale in the Company's next Non-Utility Generation Charge filing.

15. The Parties further agree that the $12 million deferred tax regulatory liability associated with the sale of JCP&L's interest in the Three Mile Island Unit 2 ("TMI-2") nuclear facility[7] shall be applied to reduce the Company's existing deferred storm cost balance.

16. In light of the COVID-19 pandemic and the resulting economic hardships among many utility customers, the Parties have agreed to offset deferred storm balances and immediate JCP&L customer rate increases with the actual net gain from the sale of the Yards Creek generating station and the deferred tax regulatory liability associated with the sale of TMI-2. The Parties acknowledge that customers will benefit by lower rates now and in the future from these reductions.

17. The Parties also agree that the amortization of the Company's deferred storm cost balance shall be increased to $29 million annually.

18. The Parties agree that the Company will recover $4,750,000 as a regulatory asset that resulted from a Board Order approving a Settlement reached in *Investigation into Compliance with the Board Order in Docket No. EM00110870 by FirstEnergy Corp. and Jersey Central Power and Light Company*, in BPU Docket No. EO17080870, over a ten-year period with no interest.

19. Pension and OPEB Expense: The Parties agree that, for ratemaking purposes, JCP&L has removed the effect of the mark-to-market adjustment for actuarial gains or losses from GAAP pension/OPEB expense and replaced it with actuarial gains or losses calculated under the delayed recognition methodology. This methodology is consistent with the manner in which JCP&L calculated pension/OPEB costs in its 2016 base rate case[8].

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[6] In re the Verified Petition of Jersey Central Power and Light Company Seeking (a) Approval of the Sale of its Ownership Interest in the Yards Creek Generating Station Pursuant to N.J.S.A. 48:3-7, (b) Waiver of the Advertising Requirement of N.J.A.C. 14:1-5.6(b), (c) a Specific Determination Allowing the Yards Creek Generating Station to Be an Eligible Facility Pursuant to Section 32 of the Public Utility Holding Company Act of 1935 under the Public Utility Holding Company Act of 2005, (d) to the extent necessary, a Determination of Compliance with, or the Non-applicability or Waiver of, the Auction Standards under the Board's 1998 Order Adopting Auction Standards under N.J.S.A. 48:3-59 b, and (e) Other Related Relief, BPU Docket No. EM20050343.
[7] In re the Verified Petition of Jersey Central Power and Light Company Seeking Approval of the Transfer and Sale of the Company's 25% Interest in the Three Mile Island Unit 2 Nuclear Generating Facility, and the Transfer of its Associated Nuclear Decommissioning Trust, Pursuant to N.J.S.A. 48:3-7, and a Waiver of the Advertising Requirements of N.J.A.C. 14:1-5.6(B), BPU Docket No. EM19111460.
[8] In re the Verified Petition of Jersey Central Power and Light Company for Review and Approval of Increases In and Other Adjustments To, Its Rates and Charges for Electric Service, and for Approval of Other Proposed Tariff Revisions in Connection Therewith ("2016 Base Rate Filing"), BPU Docket No.

<u>Depreciation</u>

20. The Parties agree to the Company's proposal to implement an accrual methodology for Cost of Removal for accounting and ratemaking purposes. This methodology will collect through the Company's depreciation rates an amount based on the Company's most recent five (5)-year average of incurred Cost of Removal.

21. The Parties further agree that, for accounting purposes, JCP&L will continue to depreciate assets using the average service life methodology based upon its depreciation rates as established in the Company's service life study and annual depreciation report approved by the BPU in its 2012 Base Rate Case[9] in BPU Docket No. ER12111052. However, the Company will implement the general plant rates as presented in the results of the service life study and annual depreciation report conducted and filed in this 2020 Base Rate Filing (i.e., BPU Docket No. ER20020146). *See* Attachment 5 of the Stipulation.

<u>Infrastructure Investment Program ("Reliability Plus")</u>

22. The Parties agree that $95.1 million of Reliability Plus ("RP") capital investment for projects through December 31, 2020 shall be included in rate base effective December 31, 2020.

23. Upon approval of the Stipulation in a final Board Order, the Parties agree that the prudence review regarding the RP capital investments that are in service through June 30, 2020 (end of test year) is complete, and the requirement under the Board's Infrastructure Investment and Recovery rules (see N.J.A.C. 14:3-2A.6(f)) to "file its next base rate case not later than five (5) years after the Board's approval of the Infrastructure Investment Program" has been satisfied.

24. The Parties agree that the Company does not need to make the following filings listed in the Board-approved Stipulation in Docket No. EO18070728: (1) Initial Filing (October 15, 2020); and (2) Update for Actuals (January 15, 2021). Instead, the Company will submit a written report by January 15, 2021, for RP projects placed in service from July 1, 2020 through December 31, 2020, with the following information for each of the RP projects: (i) the IIP category/project; (ii) the overall budgeted cost; (iii) expenditures through December 31, 2020; (iv) appropriate metric; and (v) components "in service" through December 31, 2020. Rate Counsel and Staff shall complete a prudence review of the specific capital expenditures identified in this report no later than 60 days after the Company submits the January 15, 2021 written report. The Company shall respond to discovery propounded by Rate Counsel and Staff in a timely manner. This review shall be concluded with the matter being submitted no later than April 2021 to the Board for consideration at a BPU agenda

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ER16040383 and OAL Docket No. PUC 10560-2016N (Order dated December 12, 2016).

[9] In <u>re the Verified Petition of Jersey Central Power and Light Company for Review and Approval of Increases in and Other Adjustments to its Rates and Charges for Electric Service, and For Approval of Other Proposed Tariff Revisions in Connection Therewith; and for Approval of an Accelerated Reliability Enhancement Program ("2012 Base Rate Filing")</u>, BPU Docket No. ER12111052 and OAL Docket No. PUC 16310-12 (Order dated March 18, 2015).

meeting, following comments and reply comments submitted to the BPU or, in the event of a dispute, a stipulation executed among the Company, Staff and Rate Counsel.

25. The Parties agree that the Stipulation resolves all issues in this proceeding, except for the prudence review of the RP capital expenditures from July 1, 2020 through December 31, 2020 discussed above.

26. The Parties agree that JCP&L's Rider RP will be set to $0 on January 1, 2021 or, otherwise, the effective date approved by the BPU. The Company will file tariffs with the BPU five (5) days prior to the effective date for a compliance review by Staff.

<u>Rate Design and Residential Bill Impacts</u>

27. The Parties agree to the following base rate revenue allocation:

	TOTAL	RS	RT	GS	GST	GP	GT	LTG
RATE CHANGE REQUESTED								
REVENUE CHANGE	$94,000,000	$53,435,210	$1,005,233	$29,543,292	$1,806,579	$3,788,642	$2,861,464	$1,559,581

28. Proof of revenues schedules based on the agreed-upon rate design and interclass allocation are attached to the Stipulation as Attachment 3 – Summary of Interclass Allocation and Summary of Proof of Revenues and Rate Design.

29. The monthly residential customer charge will increase from $2.78 to $3.25 (including SUT).

30. The bill impact for a typical residential customer with 768 kWh average monthly usage would be an increase of $4.02, or 4.0%, resulting in an average monthly bill for a typical residential customer of $104.23. The Parties note that this impact is not immediate and will not occur until November 1, 2021.

Storm Cost Deferral Mechanism

31. The Company shall be permitted to continue to defer storm costs subject to the following refinements:

    a. <u>Eligibility for Deferral</u>: To be eligible for deferral, a storm must meet the definition of a major event under the BPU regulations N.J.A.C. 14:5-1.2[10],

[10] Major Event qualification is provided pursuant to the four subparts of N.J.A.C. 14:5-1.2 definition:

1. A sustained interruption of electric service resulting from conditions beyond the control of the EDC, which may include, but is not limited to, thunderstorms, tornadoes, hurricanes, heat waves or snow and ice storms, which affect at least 10 percent of the customers in an operating area. Due to an EDC's documentable need to allocate field resources to restore service to affected areas when one operating area experiences a major event, the major event shall be deemed to extend to those other operating areas of that EDC, which are providing assistance to the affected areas. The Board retains authority to examine the characterization of a major event;
2. An unscheduled interruption of electric service resulting from an action:
    i. Taken by an EDC under the direction of an Independent System Operator;
    ii. Taken by the EDC to prevent an uncontrolled or cascading interruption of electric service; or

with the exception of subsection 4 regarding mutual aid events, which will not be eligible for deferral.

b. Major Storm Cost Threshold for Deferral: To be deferred, the total cost threshold for an eligible storm shall increase from its current level of $1 million to $3 million, which amount shall be based on the total cost of the storm (capital cost plus Operations and Maintenance expense) (the "Major Storm Cost Deferral Threshold").

c. Adjustment to Base Rates to Normalize Storm Costs: Based on the above Major Storm Cost Deferral Threshold criteria, and historical storm cost data from 2015 through June 2020, the amount of expense in base rates for storms that are not deferred shall be increased by $11 million (from $9 million in the Test Year to $20 million) (hereinafter "Non-Deferred Small Storm Expense"), which is the average annual storm expense over the historical period that would not have been deferred when applying the above Major Storm Cost Deferral Threshold criteria.

d. Cap on Non-Deferred Small Storm Expense: Each year, the Company shall bear the risk of Non-Deferred Small Storm Expense in excess of the $20 million, which is to be included in base rates (under subsection "c." above), up to $27 million (i.e., $7 million per year) ("Small Storm Cost Deferral Threshold") and, shall be permitted to defer any and all annual Non-Deferred Small Storm Expense amounts in excess of the annual Small Storm Cost Deferral Threshold for consideration in its next base rate case. The calculation of the actual annual amount of Non-Deferred Small Storm Expense to be measured against the Small Storm Cost Deferral Threshold and the amounts to be deferred in excess thereof, shall not include straight-time labor expense.

e. No Profit from Milder Weather Years: In the event the Company does not incur fully the Non-Deferred Small Storm Expense amount included in base rates (i.e., $20 million) in any given year, any amounts not expended in such year, shall be carried forward as a credit and applied against the annual amount of Non-Deferred Small Storm Expense in excess of the amount in base rates, if any, and up to the Small Storm Expense Deferral Threshold (i.e., $7 million), in any subsequent year. In the test year of the Company's next base rate case, any net credit of Non-Deferred Small Storm Expense in such test year shall be applied to reduce any then-existing deferred storm cost balance.

f. Base Rate Case Filing Requirement: In the event the Company's deferred storm cost balance exceeds $200 million, excluding amounts that have been deferred prior to the rate effective date in this 2020 Base Rate Filing proceeding ("Triggering Event"), the Company shall file a base rate case within 12 months of the occurrence of such Triggering Event; provided

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iii. Taken by the EDC to maintain the adequacy and security of the electric system, including emergency load control, emergency switching and energy conservation procedures, which affects one or more customers;

3. A sustained interruption occurring during an event, which is outside the control of the EDC and is of sufficient intensity to give rise to a state of emergency or disaster being declared by State government; or

4. When mutual aid is provided to another EDC or utility, the assisting EDC may apply to the Board for permission to exclude its sustained interruptions from its CAIDI and SAIFI calculations.

however, that such base rate case filing shall occur no sooner than 24 months following the rate effective date of the Company's then most recent base rate case ("Grace Period"). In addition, the Company shall send a notification that the Triggering Event occurred to Staff and Rate Counsel within 30 days of the Triggering Event. Notwithstanding the foregoing, at the Company's discretion, it may file a base rate case sooner than the expiration of the Grace Period.

Storm Cost Review

32. The Company shall conduct a review of its storm costs (both for major events and non-major events (i.e., small storms)) to identify opportunities to reduce cost associated with small storms, including conducting a thorough review of all of its (major event and non-major event) practices and industry best practices. Such review shall (i) be completed by January 1, 2021, (ii) include actionable recommendations, and (iii) be presented to the Board and Rate Counsel in the form of a detailed written report.

33. In addition to the analysis described in the preceding section above, the written report shall also include:

    a. detailed explanations of each of the eight (8) storms since 2016 identified by Rate Counsel where the cost incurred by the Company in each such storm was over $3 million and each such storm was not identified as a major event[11]; and
    b. a breakdown of mutual assistance costs for mutual assistance services provided to JCP&L for the eight (8) storms. The breakdown must identify whether the costs are paid to outside contractors or affiliated company of JCP&L.

34. After a detailed written report is submitted to Staff and Rate Counsel, the Company shall meet with Staff, including the BPU's Division of Reliability and Security, and Rate Counsel, to present and discuss the report.

Vegetation Management

35. The Parties agree that resolution of the petition includes an annual revenue requirement of $31 million for vegetation management.

36. JCP&L shall report annually on how the $31 million recovered in base rates was spent on vegetation management.

37. JCP&L shall not seek recovery in its next base rate case of any additional vegetation management costs that were capitalized as property, plant or equipment ("PPE") or deferred (i.e., as a regulatory asset) subsequent to the date of the Order approving this Stipulation in this 2020 Base Rate Filing proceeding, unless the BPU, in an Order subsequent to the Board's Order approving the Stipulation in this petition proceeding

[11] The eight (8) storms are identified as follows: JC-002419, JC-002485, JC-002542, JC-002811, JC-002858, JC-002997, JC-003274, and JC-003328.

but prior to the Company's next base rate case, authorizes JCP&L to capitalize or defer vegetation management expenditures.

Vegetation Management Circuit Performance Program ("VMCP Program")

38. Tree-Related SAIDI Circuit Reliability Tracking and Reporting: The Company will measure the tree-related reliability performance of its circuits using System Average Interruption Duration Index ("SAIDI") by separately tracking tree-related outages on its circuits during blue-sky, minor weather days, and major events.

    a. The Company will provide the tree-related SAIDI performance reporting results in a report to the Board on a semi-annual basis starting March 1, 2021 for each of the Company's 1,187 circuits. Initially, for the 2020 reporting year, the report will compare (i) the tree-related SAIDI performance results for its circuits to (ii) the Company's four (4)-year (2016-2019) average circuit tree-related SAIDI. In subsequent reporting years, the Company will report on the tree-related SAIDI performance results for its circuits on a four (4)-year rolling average basis.
    b. The 221 circuits that have received Zone 2 overhang removal as part of the JCP&L RP program will be tracked separately to determine the tree-related SAIDI performance benefits of the Zone 2 overhang removal for those circuits and the results will be included in the semi-annual report. The tree-related SAIDI performance of the 221 JCP&L RP program circuits will be monitored for one (1) trimming cycle (i.e., four [4] years) and will be reported in the Annual System Performance Report. Subsequently, these 221 circuits will be added to the Company's overall circuit population for purposes of tracking, reporting and attention, as required and necessary, under the VMCP Program.

39. VMCP Program Enhanced On-Cycle Work: Under the Company's VMCP Program, for circuits to be trimmed in a given year (*i.e.*, on cycle), if an on-cycle circuit's tree-related SAIDI reliability performance is in the bottom 12% for any two (2) of the last four (4) consecutive years when compared to the four (4)-year rolling average tree-related SAIDI performance (starting initially in 2021 with the 2016-2019 rolling average):

    a. VMCP Program Circuit Review, Assessment and Planning: The circuit will be reviewed to assess whether overhanging limbs, on-corridor trees, or off-corridor trees are the driver(s) for the circuit's tree-related SAIDI performance. Tree-related SAIDI performance of Zone 1 and Zone 2 will be analyzed to determine trees downstream of protective devices that have operated that may be trimmed or removed to address tree-related outages. This analysis will be used to determine whether overhanging limbs, on-corridor trees or off-corridor trees are the driver of the circuit's tree-related SAIDI performance. The circuit will also be reviewed to determine a work plan for enhanced on-cycle work to improve the circuit's tree-related SAIDI performance.
    b. Enhanced On-Cycle Work: Enhanced on-cycle work, as described in the Stipulation, will be performed on the selected circuit and the circuit's tree-related SAIDI performance will be monitored on a quarterly basis until the

circuit's tree-related SAIDI performance has improved for two (2) consecutive quarters. JCP&L will endeavor to improve the circuit's tree-related SAIDI performance through enhanced on-cycle trimming and off-right-of-way tree removal and shall undertake field analysis to determine to what extent ash tree failure is a driver of tree-related SAIDI performance and to what extent ash tree removal will be incorporated as part of the circuit's tree-related SAIDI improvement plan.

c. Off Right-of-Way Tree Mitigation: The VMCP Program will also include off-right-of-way tree mitigation as part of the enhanced on-cycle work, starting within six (6) months of the approval of the Stipulation, targeting off right-of-way danger trees. Company representatives will work with property owners in an effort to obtain permission to perform vegetation management, including tree pruning, removal, etc.

40. VMCP Program Description Report: Details of the VMCP Program will be described in a written report provided to the Board and Rate Counsel. The VMCP Program shall include, and the report shall describe, (i) the foregoing assessment, planning and enhanced on-cycle work elements as set forth in the Stipulation, and (ii) the VMCP Program reporting requirements.

a. VMCP Program reporting on a semi-annual basis shall include, at a minimum, data as set forth in Attachment 6 of the Stipulation; and
b. VMCP Program reporting shall include semi-annual meetings with Rate Counsel and Staff scheduled by the Company to discuss the reports.

41. The VMCP Program will be part of the Company's approved vegetation management expenses. The Company's VMCP Program will not be a pilot, unless determined ineffective by the Company with approval from Staff and Rate Counsel. The Company's VMCP Program will be part of the Company's approved annual $31 million vegetation management expenditures, which it will spend in full every year.

LED Street Lighting Retrofit Issues

42. The Parties agree that the retrofitting of existing, non-LED street lighting luminaires will be addressed as follows:

Option 1: Upon failure, which shall be determined in the Company's sole discretion, and at the Customer's direction, which direction shall be set forth in an LED Replacement Agreement, the Company will replace a non-LED streetlight luminaire with an LED streetlight luminaire.

Option 2: Where Customer requests replacement of existing non-LED streetlight luminaire with an LED streetlight luminaire, prior to its failure, the Customer is responsible for a one-time payment of the estimated average undepreciated luminaire cost (i.e., net book value) of the existing non-LED streetlight luminaire as set forth in the table below, prior to installation of the replacement LED streetlight.

Option 3: Where Customer requests replacement of existing non-LED streetlight luminaire with an LED streetlight luminaire, prior to its failure, the Customer shall enter into a Payment Agreement with the Company and shall be responsible for payment, plus interest, for the estimated average undepreciated non-LED luminaire cost (i.e., net book value) of the existing non-LED streetlight luminaire in equal payments over a 60-month period, as set forth in the table below.[12] In the event of termination of service under this Schedule, for any reason prior to the expiration of the Payment Agreement, prior to termination of service, the Customer shall pay to the Company any and all amounts due under the Payment Agreement and all costs associated with removal of the LED streetlights.

LED Streetlight – Stranded Costs

SVL

	Option #2 One-time Payment	**Option #3 Equal Payment 60-month Period**
Cobrahead	$352	$7.36
Acorn	$861	$18.01
Colonial	$493	$10.31

MVL

	Option #2 One-time Payment	**Option #3 Equal Payment 60-month Period**
Cobrahead	$201	$4.21
Acorn	$509	$10.65
Colonial	$287	$6.00

43. The Parties agree that the new LED service options, including stranded cost payments, as well as the LED tariff language changes shall take effect on December 1, 2020. The revisions to rates or charges for existing LED lighting service options will become effective on November 1, 2021. The Parties further agree that the provisions set forth in Paragraph 42 of the Stipulation shall be implemented on an interim basis, pending the resolution of the Board's current stakeholder proceeding addressing LED street lighting issues.

Other

44. The Parties agree and recommend that the ALJ and the BPU should approve, without modification, the Stipulation and authorize JCP&L to implement new base rates, based on the terms and conditions set forth in the Stipulation, effective November 1, 2021.

[12] The interest rate being the Company's current weighted average cost of capital ("WACC").

Subsequently, ALJ Jones issued an Initial Decision accepting the terms of the Stipulation.

DISCUSSION AND FINDINGS

In evaluating a proposed settlement, the Board must review the record, balance the interests of the ratepayers and the shareholders, and determine whether the settlement represents a reasonable disposition of the issues that will enable the Company to provide its New Jersey customers with safe, adequate and proper service at just and reasonable rates. In re Petition of Pub. Serv. Elec. & Gas, 304 N.J. Super. 247 (App. Div.), cert. denied, 152 N.J. 12 (1997). The Board recognizes that the parties worked diligently to negotiate a compromise to meet the needs of as many stakeholders as possible. The Board further recognizes that the Stipulation represents a balanced solution considering the many complex issues that were addressed during the proceeding.

Therefore, based on the Board's review and consideration of the record in this proceeding, the Board **HEREBY FINDS** the Initial Decision and Stipulation to be reasonable, in the public interest, and in accordance with the law. Accordingly, the Board **HEREBY ADOPTS** the attached Initial Decision and Stipulation in their entirety and **HEREBY INCORPORATES** their terms and conditions as though fully set forth herein, subject to any terms and conditions set forth in this Order.

As a result of the Stipulation, the monthly bill of a typical residential customer using 768 kWh per month will increase by $4.02, or 4.0%, effective November 1, 2021.

The rates approved by this Order will become effective for service rendered on and after November 1, 2021. The tariff language changes agreed to by the Parties that do not affect rates, will become effective for service rendered on and after December 1, 2020. The amortization of the cost of removal regulatory liability (as discussed in Paragraph 13 of the Stipulation) and certain other accounting changes (as set forth on Attachment 1 to the Stipulation) shall become effective as of January 1, 2021.

The Company is **HEREBY DIRECTED** to file tariff sheets, in clean and red-lined form, reflecting the tariff language changes that will become effective December 1, 2020 consistent with this Order by November 1, 2020. Additionally, the Company is **HEREBY DIRECTED** to conduct and file a Cost of Service Study in accordance with the revisions outlined in the Board's Order dated March 26, 2015, BPU Docket No. ER12111052, which adopted the Initial Decision with modifications and clarifications with the Company's next base rate case and all future base rate case filings.

The Company is **HEREBY DIRECTED** to file tariff sheets, in clean and red-lined form, reflecting the rate changes that will become effective on November 1, 2021 consistent with this Order by October 1, 2021. The Board **HEREBY DIRECTS** Staff to review the compliance tariff filings for consistency with this Order.

The Company's rates remain subject to audit by the Board. This Decision and Order shall not preclude the Board from taking any actions deemed to be appropriate as a result of any Board audit.

This Order shall be effective on November 7, 2020.

DATED: October 28, 2020

BOARD OF PUBLIC UTILITIES
BY:

JOSEPH L. FIORDALISO
PRESIDENT

MARY-ANNA HOLDEN
COMMISSIONER

DIANNE SOLOMON
COMMISSIONER

UPENDRA J. CHIVUKULA
COMMISSIONER

ROBERT M. GORDON
COMMISSIONER

ATTEST:

AIDA CAMACHO-WELCH
SECRETARY

IN THE MATTER OF THE VERIFIED PETITION OF JERSEY CENTRAL POWER AND LIGHT COMPANY FOR REVIEW AND APPROVAL OF INCREASES IN AND OTHER ADJUSTMENTS TO ITS RATES AND CHARGES FOR ELECTRIC SERVICE, AND FOR APPROVAL OF OTHER PROPOSED TARIFF REVISIONS IN CONNECTION THEREWITH ("2020 BASE RATE FILING")
DOCKET NO. ER20020146, OAL DOCKET NO. PUC 04343-2020N

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State of New Jersey
OFFICE OF ADMINISTRATIVE LAW

INITIAL DECISION

SETTLEMENT

OAL DKT. NO. PUC 04343-2020

AGENCY DKT. NO. ER20020146

IN THE MATTER OF THE VERIFIED PETITION OF JERSEY CENTRAL POWER AND LIGHT COMPANY FOR REVIEW AND APPROVAL OF INCRESES IN AND OTHER ADJUSTMENTS TO ITS RATES AND CHARGES FOR ELECTRIC SERVICE, AND FOR APPROVAL OF OTHER PROPOSED TARIFF REVISIONS IN CONNECTION THEREWITH ("2020 BASE RATE FILING")

Gregory Eisenstark, Esq. and Michael J. Connolly, Esq., (Cozen O'Connor, PC, attorneys) for the Petitioner, Jersey Central Power & Light Company

Lauren Lepkoski, Esq., FirstEnergy Service Company, for Petitioner, Jersey Central Power & Light Company

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John J, McNutt, Esq, and Kenneth J. Hanko, Esq., Business Law Division & IP Law Team, for intervenor Department of Defense/Federal Executive Agencies

Record Closed: October 16, 2020 Decided: October 22, 2020

Before **IRENE JONES, ALJ (**Ret. on recall**)**

STATEMENT OF THE CASE

On February 18, 2020 Petitioner, Jersey Central Power & Light Company ("Petitioner" or "Company") filed a Verified Petition with the State Board of Public Utilities seeking to increase its base rates by approximately $186.9 million or 7.8%. Additionally, the Company sought approval of other changes to its rates and tariffs as set forth in the petition. On October 29, 2019, the Company updated its filing on 12 + 0 basis and projected a revenue deficiency of $20.3 million or 9.5% on a total revenue basis.

On March 11,.2020 the Board transmitted the matter to the Office of Administrative Law for hearing as contested case pursuant to N.J.S.A. 52:14B-1 to 15 and N.J.S.A. 52:14F-1 to 13. A prehearing conference was held on July 17, 2020 wherein a procedural schedule was established. Present at the prehearing conference was the Company, the Board Staff, the Division of Rate Counsel, Walmart, New Jersey Large Energy Users Coalition, Commercial Metals Company, The Department of Defense, Federal Executive Agencies. Motions to intervene were filed and granted to Walmart, New Jersey Large Energy Users Coalition, Commercial Metals Company and The Department of Defense/Federal Executive Agencies. After publication of the notice of the proposed increase in a newspaper of general circulation in the petitioner's service territory, virtual public hearings were held on September 10, 2020.

Prior to the start of the evidentiary hearings, the parties exchanged extensive discovery and engaged in numerous discovery and settlement conferences. On October 16, 2020, the parties filed a Stipulation of Settlement with the undersigned. The Stipulation of Settlement provides for $94 Million increase in base rates, among other changes as set forth in the agreement.

I have reviewed the record and the terms of the Stipulation of Settlement and I **FIND**:

1. The parties have voluntarily agreed to the settlement as evidenced by their signatures or the signatures of their representatives.
2. The settlement fully disposes of all issued in controversy and is consistent with the law.

Therefore, it is **ORDERED** that the parties comply with the settlement terms and that these proceedings be and are hereby **CONCLUDED**.

I hereby **FILE** my initial decision with the **BOARD OF PUBLIC UTILITIES** for consideration.

This recommended decision may be adopted, modified or rejected by the **BOARD OF PUBLIC UTILITIES**, which by law is authorized to make a final decision in this matter. If the Board of Public Utilities does not adopt, modify or reject this decision within forty-five (45) days and unless such time limit is otherwise extended, this recommended decision shall become a final decision in accordance with N.J.S.A. 52:14B-10.

October 22, 2020	
Date	**IRENE JONES**, ALJ (Ret. on recall
Date Received at Agency:	October 22, 2020
Date Mailed to Parties:	October 22, 2020

mm

COZEN O'CONNOR
A Pennsylvania Professional Corporation

October 16, 2020

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VIA E-MAIL AND U.S. MAIL

Honorable Irene Jones, ALJ
Office of Administrative Law
33 Washington Street
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Re: In the Matter of the Verified Petition of Jersey Central Power & Light Company for Review and Approval of Increases in and Other Adjustments to Its Rates and Charges For Electric Service, and For Approval of Other Proposed Tariff Revisions in Connection Therewith ("2020 Base Rate Filing")
OAL Docket No. PUC 04343-2020N
BPU Docket No. ER20020146

Dear Judge Jones:

Enclosed for filing in the above-referenced matter, please find a fully-executed Stipulation of Settlement ("Stipulation") for Your Honor's consideration. The Stipulation would fully-resolve this matter, except to the very limited extent described in paragraph 25 thereof.

It is anticipated that the Board of Public Utilities ("Board") could consider this matter at its October 28, 2020 Agenda meeting. As a result of internal deadlines at the Board, we understand that Your Honor's Initial Decision would need to reach the Board early next week for this matter to be considered at the October 28 Agenda meeting. Therefore, the Company respectfully requests that Your Honor issue the Initial Decision expeditiously in order that this deadline might be met.

Respectfully submitted,

COZEN O'CONNOR

By: Gregory Eisenstark

GE:lg

cc: Service List (*via electronic mail only*)

LEGAL\48975716\3

In the Matter of the Verified Petition of Jersey Central Power & Light Company For Review and Approval of Increases in, and Other Adjustments to, Its Rates and Charges For Electric Service, and For Approval of Other Proposed Tariff Revisions in Connection Therewith ("2020 Base Rate Filing") BPU Dkt. No.: ER20020146

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In the Matter of the Verified Petition of Jersey Central Power & Light Company For Review and Approval of Increases in, and Other Adjustments to, Its Rates and Charges For Electric Service, and For Approval of Other Proposed Tariff Revisions in Connection Therewith
("2020 Base Rate Filing")
BPU Dkt. No.: ER20020146

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In the Matter of the Verified Petition of Jersey Central Power & Light Company For Review and Approval of Increases in, and Other Adjustments to, Its Rates and Charges For Electric Service, and For Approval of Other Proposed Tariff Revisions in Connection Therewith ("2020 Base Rate Filing") BPU Dkt. No.: ER20020146

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In the Matter of the Verified Petition of Jersey Central Power & Light Company For Review and Approval of Increases in, and Other Adjustments to, Its Rates and Charges For Electric Service, and For Approval of Other Proposed Tariff Revisions in Connection Therewith
("2020 Base Rate Filing")
BPU Dkt. No.: ER20020146

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STATE OF NEW JERSEY
BOARD OF PUBLIC UTILITIES
OFFICE OF ADMINISTRATIVE LAW

In the Matter of the Verified Petition of Jersey Central Power & Light Company for Review and Approval of Increases in and Other Adjustments to Its Rates and Charges For Electric Service, and For Approval of Other Proposed Tariff Revisions in Connection Therewith ("**2020 Base Rate Filing**")	**STIPULATION OF SETTLEMENT** BPU Docket No. ER20020146 OAL Docket No. PUC 04343-2020N

TO THE HONORABLE ADMINISTRATIVE LAW JUDGE AND THE NEW JERSEY BOARD OF PUBLIC UTILITIES:

APPEARANCES:

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John J, McNutt, Esq, and **Kenneth J. Hanko, Esq.,** Business Law Division & IP Law Team, for intervenor Department of Defense/Federal Executive Agencies

This Stipulation of Settlement ("Stipulation") is hereby made and executed as of the dates indicated below, by and among the Petitioner, Jersey Central Power & Light Company ("JCP&L" or "Company"), the Staff of the New Jersey Board of Public Utilities ("Staff"), the New Jersey Division of Rate Counsel ("Rate Counsel"), Commercial Metals Company ("CMC"), Walmart Inc. ("Walmart"), New Jersey Large Energy Users Coalition ("NJLEUC"), and United States Department of Defense/Federal Executive Agencies ("DOD/FEA") (collectively, "Parties").

The Parties do hereby join in recommending that the Administrative Law Judge ("ALJ") issue an Initial Decision approving the Stipulation, and that the New Jersey Board of Public Utilities ("Board" or "BPU") issue an Order approving the Stipulation without modification, based upon the following terms:

Background

Base Rate Case

1. On February 18, 2020, JCP&L filed a Verified Petition with the Board seeking approval of an increase in its rates and charges for electric service, and for approval of other proposed tariff revisions ("Petition" or "2020 Base Rate Filing"). The Petition, which was supported by the pre-filed direct testimony of fifteen witnesses, requested an increase in base rate revenues of $186.9 million annually, or approximately 7.8% on a revenue basis. The Petition used a test year of the twelve months ending June 30, 2020. The filing included six months of actual data (July 1, 2019 through December 31, 2019) and six months of forecasted data (January 1, 2020 through June 30, 2020), along with certain post-test year adjustments.

2. On March 11, 2020, the Board transmitted the case to the Office of Administrative Law ("OAL"), after which the Honorable Irene Jones, ALJ was assigned to the matter.

3. On March 18, 2020, Walmart filed a motion to intervene. On March 24, 2020, CMC filed a motion to intervene. On July 14, 2020, NJLEUC filed a motion to intervene. On July 15, 2020, the DOD/FEA filed a motion to intervene. Judge Jones granted each such motion to intervene. On or about March 30, 2020, Public Service Electric and Gas Company ("PSE&G") filed a motion to participate; however, due to an administrative error, the PSE&G motion was not transmitted to the OAL until September 3, 2020. No party has objected to PSE&G's participation.

4. On June 2, 2020, the Company filed its "9 + 3" update, with actual data for the nine months ending March 31, 2020 and forecasted data through June 30, 2020. Based on the "9 + 3" update, the proposed annual revenue increase was approximately $181.98 million.

5. Judge Jones presided over a pre-hearing conference on the 2020 Base Rate Filing on July 17, 2020. Judge Jones issued a pre-hearing order, which included a procedural schedule, on August 11, 2020.

6. On July 31, 2020, the Company filed its "12 + 0" update, with twelve months of actual data through June 30, 2020. Based on the "12 + 0" update, the proposed annual revenue increase was approximately $185.34 million.

7. Notice of the 2020 Base Rate Filing, including a statement of the overall effect thereof on customers of the Company, combined with notice of the dates, times and places of the public hearings scheduled thereon, was served by mail upon the municipal clerks, the clerks of the Boards of Chosen Freeholders and, where appropriate, the County Executive Officers of all counties and municipalities located in the Company's service territory, in accordance with the regulations of the Board as set forth in N.J.A.C. 14:1-5.12(b)1. Such notice was duly mailed following the scheduling of the dates, times and places of the hearings thereon. Listings of the aforementioned public officials were contained in Appendices A-1, A-2 and A-3 to the Petition.

8. Following the publication of appropriate notices in newspapers of general circulation throughout the Company's service territory, virtual public hearings on the 2020 Base Rate Filing were held on September 10, 2020 (at 1:30 p.m. and 5:30 p.m.) at which time members of the public, business groups, and local officials attended and commented on or asked questions regarding the 2020 Base Rate Filing.[1] Additionally, the Board received written comments. The comments made at the public hearings and the written comments received included support for and opposition to JCP&L and the 2020 Base Rate Filing.

Stipulation

The undersigned Parties **DO HEREBY STIPULATE AND AGREE** as follows:

Rate Base and Revenue Requirements

9. Rate Increase: The Parties agree that an annual base distribution revenues increase for the Company of $94 million is just and reasonable and an appropriate resolution of this matter. Given the current COVID-19 pandemic and the financial uncertainty it has caused for many of JCP&L's customers, the Parties have worked cooperatively to find a resolution of this matter that mitigates the near-term impacts of a rate increase.

10. The Parties request that the Board issue a written Order approving this Stipulation so that the revised base rates set forth herein shall become effective for service rendered on and after November 1, 2021. The Parties further agree that the amortization of the cost of removal regulatory liability (as discussed in Paragraph 13 of this Stipulation) and certain other accounting changes (as set forth on Attachment 1 to this Stipulation) shall become effective as of January 1, 2021. The Parties further agree that the other non-rate tariff changes, as set forth on Attachment 2 to this Stipulation and

[1] Due to the COVID-19 pandemic, public hearings were held virtually.

in regard to LED lighting tariff changes, shall be effective as of December 1, 2020.[2] The annual base distribution revenue increase is based on a rate base of $2,623,043,896. The Parties agree that this rate base amount does not reflect any particular ratemaking adjustment proposed by any Party for incorporation into the overall revenue requirement. The Parties further agree that the revenue increase is based on a post-tax rate of return of 7.40%, with a capital structure consisting of 51.44% common equity with a cost rate of 9.60%, and 48.56% long term debt with a cost rate of 5.083%.

11. The Company shall file with the Board tariff sheets reflecting the tariff changes that will become effective on December 1, 2020, consistent with this Stipulation, as a compliance filing. The Parties agree and recommend that the Board should authorize the Company to implement, for service rendered on and after November 1, 2021, tariffs based upon the Company's proof of revenues that supports the total annual revenue increase of $94 million, and sets forth the allocation of the $94 million increase among the Company's customer classes, a copy of which is attached as Attachment 3: Summary of Interclass Allocation and Summary of Proof of Revenues and Rate Design. The Company shall file with the Board tariff sheets reflecting the rate changes that will become effective on November 1, 2021, consistent with this Stipulation by October 1, 2021. The tariff sheets included in these compliance flings will be in clean and marked forms and be consistent with Attachments 2 and 3.

12. The Parties acknowledge that the stipulated revenue increase reflects consideration of a consolidated income tax adjustment.

13. The Parties further agree that, effective as of January 1, 2021, JCP&L shall be permitted to amortize and apply the $86,195,994 cost of removal regulatory liability[3] to income. More specifically, the balance of the cost of removal regulatory liability as of December 31, 2020 will be

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[2] If the ALJ and the Board have not approved this Stipulation before December 1, 2020, the tariff changes set forth on Attachment 2 shall become effective as of January 1, 2021.

[3] $86,195,994 is the amount of the regulatory liability as of December 31, 2020.

amortized in an accelerated manner between January 1, 2021 and October 31, 2021 to offset the base rate increase that otherwise would have occurred in this period, and shall be amortized to income, for the benefit of the Company and its customers. The monthly amortization amounts for the cost of removal regulatory liability are included in an attachment to this Stipulation entitled "Monthly Amortization Amounts for Cost of Removal Regulatory Liability." (Attachment 4).

14. The Parties agree that the entire actual net gain from the sale of JCP&L's interest in the Yards Creek generating station[4], currently estimated to be $109.1 million, shall be applied to reduce the Company's existing deferred storm cost balance. Rate Counsel and Staff shall review the final accounting and the calculation of the actual net proceeds from the Yards Creek sale in the Company's next Non-Utility Generation Charge filing.

15. The Parties further agree that the $12 million deferred tax regulatory liability associated with the sale of JCP&L's interest in the Three Mile Island Unit 2 ("TMI-2") nuclear facility[5] shall be applied to reduce the Company's existing deferred storm cost balance.

16. In light of the COVID-19 pandemic and the resulting economic hardships among many utility customers, the Parties have agreed to offset deferred storm balances and immediate JCP&L customer rate increases with the actual net gain from the sale of the Yards Creek generating station and the deferred tax regulatory liability associated with the sale of TMI-2. The Parties acknowledge that customers will benefit by lower rates now and in the future from these reductions.

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[4] *In the Matter of the Verified Petition of Jersey Central Power & Light Company Seeking (a) Approval of the Sale of its Ownership Interest in the Yards Creek Generating Station Pursuant to N.J.S.A. 48:3-7, (b) Waiver of the Advertising. Requirement of N.J.A.C. 14:1-5.6(b), (c) a Specific Determination Allowing the Yards Creek Generating Station to Be an Eligible Facility Pursuant to Section 32 of the Public Utility Holding Company Act of 1935 under the Public Utility Holding Company Act of 2005, (d) to the extent necessary, a Determination of Compliance with, or the Non-applicability or Waiver of, the Auction Standards under the Board's 1998 Order Adopting Auction Standards under N.J.S.A. 48:3-59 b., and (e) Other Related Relief*, BPU Docket No. EM20050343.

[5] *In the Matter of the Verified Petition of Jersey Central Power & Light Company Seeking Approval of the Transfer and Sale of the Company's 25% Interest in the Three Mile Island Unit 2 Nuclear Generating Facility, and the Transfer of its Associated Nuclear Decommissioning Trust, Pursuant to N.J.S.A. 48:3-7, and a Waiver of the Advertising Requirements of N.J.A.C. 14:1-5.6(B)*, BPU Docket No. EM19111460.

17. The Parties also agree that the amortization of the Company's deferred storm cost balance shall be increased to $29 million annually.

18. The Parties agree that the Company will recover $4,750,000 as a regulatory asset that resulted from a Board Order approving a Settlement reached in *Investigation into Compliance with the Board Order in Docket No. EM00110870 by FirstEnergy Corp. and Jersey Central Power & Light Company*, in BPU Docket No. EO17080870, over a ten-year period with no interest.

19. <u>Pension and OPEB Expense</u>: The Parties agree that, for ratemaking purposes, JCP&L has removed the effect of the mark-to-market adjustment for actuarial gains or losses from GAAP pension/OPEB expense and replaced it with actuarial gains or losses calculated under the delayed recognition methodology. This methodology is consistent with the manner in which JCP&L calculated pension/OPEB costs in its 2016 base rate case.

<u>Depreciation</u>

20. The Parties agree to the Company's proposal to implement an accrual methodology for Cost of Removal for accounting and ratemaking purposes. This methodology will collect through the Company's depreciation rates an amount based on the Company's most recent five-year average of incurred Cost of Removal.

21. The Parties further agree that, for accounting purposes, JCP&L will continue to depreciate assets using the average service life methodology based upon its depreciation rates as established in the Company's service life study and annual depreciation report approved by the BPU in its 2012 Base Rate Case in BPU Docket No. ER12111052. However, the Company will implement the general plant rates as presented in the results of the service life study and annual depreciation report conducted and filed in this 2020 Base Rate Filing (i.e., BPU Docket No. ER20020146). *See* Attachment 5.

Infrastructure Investment Program ("Reliability Plus")

22. The Parties agree that $95.1 million of Reliability Plus ("RP") capital investment for projects through December 31, 2020 shall be included in rate base effective December 31, 2020.

23. Upon approval of this Stipulation in a final Board Order, the Parties agree that the prudence review regarding the RP capital investments that are in service through June 30, 2020 (end of test year) is complete, and the requirement under the Board's Infrastructure Investment & Recovery rules (see N.J.A.C. 14:3-2A.6(f)) to "file its next base rate case not later than five years after the Board's approval of the Infrastructure Investment Program" has been satisfied.

24. The Parties agree that the Company does not need to make the following filings listed in the Board-approved Stipulation in Docket No. EO18070728: (1) Initial Filing (October 15, 2020); and (2) Update for Actuals (January 15, 2021). Instead, the Company will submit a written report by January 15, 2021, for RP projects placed in service from July 1, 2020 through December 31, 2020, with the following information for each of the RP projects: (i) the IIP category/project; (ii) the overall budgeted cost; (iii) expenditures through December 31, 2020; (iv) appropriate metric; and (v) components "in service" through December 31, 2020. Rate Counsel and Staff shall complete a prudence review of the specific capital expenditures identified in this report no later than 60 days after the Company submits the January 15, 2021 written report. The Company shall respond to discovery propounded by Rate Counsel and Staff in a timely manner. This review shall be concluded with the matter being submitted no later than April 2021 to the Board for consideration at a BPU agenda meeting, following comments and reply comments submitted to the BPU or, in the event of a dispute, a Stipulation executed among the Company, Staff and Rate Counsel.

25. The Parties agree that this Stipulation resolves all issues in this proceeding, except for the prudence review of the RP capital expenditures from July 1, 2020 through December 31, 2020 discussed above.

26. The Parties agree that JCP&L's Rider RP will be set to $0 on January 1, 2021 or, otherwise, the effective date approved by the BPU. The Company will file tariffs with the BPU five days prior to the effective date for a compliance review by Staff.

Rate Design and Residential Bill Impacts

27. The Parties agree to the following base rate revenue allocation:

	TOTAL	RS	RT	GS	GST	GP	GT	LTG
RATE CHANGE REQUESTED								
REVENUE CHANGE	$94,000,000	$53,435,210	$1,005,233	$29,543,292	$1,806,579	$3,788,642	$2,861,464	$1,559,581

28. Proof of revenues schedules based on the agreed-upon rate design and interclass allocation are attached to this Stipulation as Attachment 3 – Summary of Interclass Allocation and Summary of Proof of Revenues and Rate Design.

29. The monthly residential customer charge will increase from $2.78 to $3.25 (including SUT).

30. The bill impact for a typical residential customer with 768 kWh average monthly usage would be an increase of $4.02, or 4.0%, resulting in an average monthly bill for a typical residential customer of $104.23. The Parties note that this impact is not immediate and will not occur until November 1, 2021.

Storm Cost Deferral Mechanism

31. The Company shall be permitted to continue to defer storm costs subject to the following refinements:

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a. Eligibility for Deferral: To be eligible for deferral, a storm must meet the definition of a major event under the BPU regulations N.J.A.C. 14:5-1.2[6], with the exception of subsection 4 regarding mutual aid events, which will not be eligible for deferral.

b. Major Storm Cost Threshold for Deferral: To be deferred, the total cost threshold for an eligible storm shall increase from its current level of $1 million to $3 million, which amount shall be based on the total cost of the storm (capital cost plus Operations & Maintenance expense) (the "Major Storm Cost Deferral Threshold").

c. Adjustment to Base Rates to Normalize Storm Costs: Based on the above Major Storm Cost Deferral Threshold criteria, and historical storm cost data from 2015 through June 2020, the amount of expense in base rates for storms that are not deferred shall be increased by $11 million (from $9 million in the Test Year to $20 million) (hereinafter "Non-Deferred Small Storm Expense"), which is the average annual storm expense over the historical period that would not have been deferred when applying the above Major Storm Cost Deferral Threshold criteria.

d. Cap on Non-Deferred Small Storm Expense: Each year, the Company shall bear the risk of Non-Deferred Small Storm Expense in excess of the $20 million, which is to be included in base rates (under subsection "c." above), up to $27 million (i.e., $7 million per year)

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[6] Major Event qualification is provided pursuant to the four subparts of N.J.A.C. 14:5-1.2 definition:
1. A sustained interruption of electric service resulting from conditions beyond the control of the EDC, which may include, but is not limited to, thunderstorms, tornadoes, hurricanes, heat waves or snow and ice storms, which affect at least 10 percent of the customers in an operating area. Due to an EDC's documentable need to allocate field resources to restore service to affected areas when one operating area experiences a major event, the major event shall be deemed to extend to those other operating areas of that EDC, which are providing assistance to the affected areas. The Board retains authority to examine the characterization of a major event;
2. An unscheduled interruption of electric service resulting from an action:
   i. Taken by an EDC under the direction of an Independent System Operator;
   ii. Taken by the EDC to prevent an uncontrolled or cascading interruption of electric service; or
   iii. Taken by the EDC to maintain the adequacy and security of the electric system, including emergency load control, emergency switching and energy conservation procedures, which affects one or more customers;
3. A sustained interruption occurring during an event, which is outside the control of the EDC and is of sufficient intensity to give rise to a state of emergency or disaster being declared by State government; or
4. When mutual aid is provided to another EDC or utility, the assisting EDC may apply to the Board for permission to exclude its sustained interruptions from its CAIDI and SAIFI calculations.

("Small Storm Cost Deferral Threshold") and, shall be permitted to defer any and all annual Non-Deferred Small Storm Expense amounts in excess of the annual Small Storm Cost Deferral Threshold for consideration in its next base rate case. The calculation of the actual annual amount of Non-Deferred Small Storm Expense to be measured against the Small Storm Cost Deferral Threshold and the amounts to be deferred in excess thereof, shall not include straight-time labor expense.

e. No Profit from Milder Weather Years: In the event the Company does not incur fully the Non-Deferred Small Storm Expense amount included in base rates (i.e., $20 million) in any given year, any amounts not expended in such year, shall be carried forward as a credit and applied against the annual amount of Non-Deferred Small Storm Expense in excess of the amount in base rates, if any, and up to the Small Storm Expense Deferral Threshold (i.e., $7 million), in any subsequent year. In the test year of the Company's next base rate case, any net credit of Non-Deferred Small Storm Expense in such test year shall be applied to reduce any then-existing deferred storm cost balance.

f. Base Rate Case Filing Requirement: In the event the Company's deferred storm cost balance exceeds $200 million, excluding amounts that have been deferred prior to the rate effective date in this 2020 Base Rate Filing proceeding ("Triggering Event"), the Company shall file a base rate case within 12 months of the occurrence of such Triggering Event; provided however, that such base rate case filing shall occur no sooner than 24 months following the rate effective date of the Company's then most recent base rate case ("Grace Period"). In addition, the Company shall send a notification that the Triggering Event occurred to Staff and Rate Counsel within 30 days of the Triggering Event. Notwithstanding the foregoing, at the Company's discretion, it may file a base rate case sooner than the expiration of the Grace Period.

Storm Cost Review

32. The Company shall conduct a review of its storm costs (both for major events and non-major events (i.e., small storms)) to identify opportunities to reduce cost associated with small storms, including conducting a thorough review of all of its (major event and non-major event) practices and industry best practices. Such review shall (i) be completed by January 1, 2021, (ii) include actionable recommendations, and (iii) be presented to the Board and Rate Counsel in the form of a detailed written report.

33. In addition to the analysis described in the preceding section above, the written report shall also include:

a. detailed explanations of each of the eight storms since 2016 identified by Rate Counsel where the cost incurred by the Company in each such storm was over $3 million and each such storm was not identified as a major event[7]; and

b. a breakdown of mutual assistance costs for mutual assistance services provided to JCP&L for the eight storms. The breakdown must identify whether the costs are paid to outside contractors or affiliated company of JCP&L.

34. After a detailed written report is submitted to Staff and Rate Counsel, the Company shall meet with Staff, including the BPU's Division of Reliability and Security, and Rate Counsel, to present and discuss the report.

Vegetation Management

35. The Parties agree that resolution of this 2020 Base Rate Filing includes an annual revenue requirement of $31 million for vegetation management.

[7] The eight storms are identified as follows: JC-002419, JC-002485, JC-002542, JC-002811, JC-002858, JC-002997, JC-003274, and JC-003328.

36. JCP&L shall report annually on how the $31 million recovered in base rates was spent on vegetation management.

37. JCP&L shall not seek recovery in its next base rate case of any additional vegetation management costs that were capitalized as property, plant or equipment ("PPE") or deferred (i.e., as a regulatory asset) subsequent to the date of the Order approving this Stipulation in this 2020 Base Rate Filing proceeding, unless the BPU, in an Order subsequent to the Board's Order approving this Stipulation in this 2020 Base Rate Filing proceeding but prior to the Company's next base rate case, authorizes JCP&L to capitalize or defer vegetation management expenditures.

Vegetation Management Circuit Performance Program ("VMCP Program"):

38. Tree-Related SAIDI Circuit Reliability Tracking and Reporting: The Company will measure the tree-related reliability performance of its circuits using System Average Interruption Duration Index ("SAIDI") by separately tracking tree-related outages on its circuits during blue-sky, minor weather days, and major events.

a. The Company will provide the tree-related SAIDI performance reporting results in a report to the Board on a semi-annual basis starting March 1, 2021 for each of the Company's 1,187 circuits. Initially, for the 2020 reporting year, the report will compare (i) the tree-related SAIDI performance results for its circuits to (ii) the Company's four-year (2016-2019) average circuit tree-related SAIDI. In subsequent reporting years, the Company will report on the tree-related SAIDI performance results for its circuits on a four-year rolling average basis.

b. The 221 circuits that have received Zone 2 overhang removal as part of the JCP&L RP program will be tracked separately to determine the tree-related SAIDI performance benefits of the Zone 2 overhang removal for those circuits and the results will be included in the semi-annual report. The tree-related SAIDI performance of the 221 JCP&L RP program circuits will be monitored for one trimming cycle (*i.e.*, four years) and will be reported in the Annual System Performance Report. Subsequently, these 221 circuits will be added to the Company's overall circuit population for purposes of tracking, reporting and attention, as required and necessary, under the VMCP Program.

39. <u>VMCP Program Enhanced On-Cycle Work</u>: Under the Company's VMCP Program, for circuits to be trimmed in a given year (*i.e.*, on cycle), if an on-cycle circuit's tree-related SAIDI reliability performance is in the bottom 12% for any two (2) of the last four (4) consecutive years when compared to the four-year rolling average tree-related SAIDI performance (starting initially in 2021 with the 2016-2019 rolling average):

a. <u>VMCP Program Circuit Review, Assessment and Planning</u>: The circuit will be reviewed to assess whether overhanging limbs, on-corridor trees, or off-corridor trees are the driver(s) for the circuit's tree-related SAIDI performance. Tree-related SAIDI performance of Zone 1 and Zone 2 will be analyzed to determine trees downstream of protective devices that have operated that may be trimmed or removed to address tree-related outages. This analysis will be used to determine whether overhanging limbs, on-corridor trees or off-corridor trees are the driver of the circuit's tree-related SAIDI performance. The circuit will also be reviewed to determine a work plan for enhanced on-cycle work to improve the circuit's tree-related SAIDI performance.

b. <u>Enhanced On-Cycle Work</u>: Enhanced on-cycle work, as described herein, will be performed on the selected circuit and the circuit's tree-related SAIDI performance will be monitored on a quarterly basis until the circuit's tree-related SAIDI performance has improved for 2 consecutive quarters. JCP&L will endeavor to improve the circuit's tree-related SAIDI performance through enhanced on-cycle trimming and off-right-of-way tree removal and shall undertake field analysis to determine to what extent ash tree failure is a driver of tree-related SAIDI performance and to what extent ash tree removal will be incorporated as part of the circuit's tree-related SAIDI improvement plan.

c. Off Right-of-Way Tree Mitigation: The VMCP Program will also include off-right-of-way tree mitigation as part of the enhanced on-cycle work, starting within 6 months of the approval of this Stipulation, targeting off right-of-way danger trees. Company representatives will work with property owners in an effort to obtain permission to perform vegetation management, including tree pruning, removal, etc.

40. VMCP Program Description Report: Details of the VMCP Program will be described in a written report provided to the Board and Rate Counsel. The VMCP Program shall include, and the report shall describe, (i) the foregoing assessment, planning and enhanced on-cycle work elements as set forth above, and (ii) the VMCP Program reporting requirements.

a. VMCP Program reporting on a semi-annual basis shall include, at a minimum, data as set forth in Attachment 6 hereto; and

b. VMCP Program reporting shall include semi-annual meetings with Rate Counsel and Board Staff scheduled by the Company to discuss the reports.

41. The VMCP Program will be part of the Company's approved vegetation management expenses. The Company's VMCP Program will not be a pilot, unless determined ineffective by the Company with approval from Staff and Rate Counsel. The Company's VMCP Program will be part of the Company's approved annual $31 million vegetation management expenditures, which it will spend in full every year.

LED Street Lighting Retrofit Issues

42. The Parties agree that the retrofitting of existing, non-LED street lighting luminaires will be addressed as follows:

Option 1:

Upon failure, which shall be determined in the Company's sole discretion, and at the Customer's direction, which direction shall be set forth in an LED Replacement Agreement, the Company will replace a non-LED streetlight luminaire with an LED streetlight luminaire.

Option 2:

Where Customer requests replacement of existing non-LED streetlight luminaire with an LED streetlight luminaire, prior to its failure, the Customer is responsible for a one-time payment of the estimated average undepreciated luminaire cost (i.e., net book value) of the existing non-LED streetlight luminaire as set forth in the table below, prior to installation of the replacement LED streetlight.

Option 3:

Where Customer requests replacement of existing non-LED streetlight luminaire with an LED streetlight luminaire, prior to its failure, the Customer shall enter into a Payment Agreement with the Company and shall be responsible for payment, plus interest, for the estimated average undepreciated non-LED luminaire cost (i.e., net book value) of the existing non-LED streetlight luminaire in equal payments over a 60-month period, as set forth in the table below.[8] In the event of termination of service under this Schedule, for any reason prior to the expiration of the Payment Agreement, prior to termination of service, the Customer shall pay to the Company any and all amounts due under the Payment Agreement and all costs associated with removal of the LED streetlights.

LED Streetlight – Stranded Costs

SVL

	Option #2 One-time Payment	Option #3 Equal Payment 60-month Period
Cobrahead	$352	$7.36
Acorn	$861	$18.01
Colonial	$493	$10.31

[8] The interest rate being the Company's current weighted average cost of capital ("WACC").

MVL

	Option #2 One-time Payment	Option #3 Equal Payment 60-month Period
Cobrahead	$201	$4.21
Acorn	$509	$10.65
Colonial	$287	$6.00

43. The Parties agree that the new LED service options, including stranded cost payments, as well as the LED tariff language changes shall take effect on December 1, 2020. The revisions to rates or charges for existing LED lighting service options will become effective on November 1, 2021. The Parties further agree that the provisions set forth in Paragraph 42 herein shall be implemented on an interim basis, pending the resolution of the Board's current stakeholder proceeding addressing LED street lighting issues.

Other

44. The Parties agree and recommend that the ALJ and the BPU should approve, without modification, this Stipulation and authorize JCP&L to implement new base rates, based on the terms and conditions set forth herein, effective November 1, 2021.

45. The Parties agree that this Stipulation contains mutual balancing and interdependent clauses and is intended to be accepted and approved in its entirety. In the event any particular provision of this Stipulation is not accepted and approved in its entirety by the Board, or is modified by a court of competent jurisdiction, then any Party aggrieved thereby shall not be bound to proceed with this Stipulation and shall have the right, upon written notice to be provided to all other Parties within ten (10) days after receipt of any such adverse decision, to litigate all issues addressed herein to a conclusion. More particularly, in the event this Stipulation is not adopted in its entirety by the Board in an appropriate Order, or is modified by a court of competent jurisdiction, then any Party hereto is

free, upon the timely provision of such written notice, to pursue its then available legal remedies with respect to all issues addressed in this Stipulation, as though this Stipulation had not been signed. The Parties agree that this Stipulation shall be binding on them for all purposes herein.

46. It is specifically understood and agreed that this Stipulation represents a negotiated agreement and, except as otherwise expressly provided for herein:

a. By executing this Stipulation, no Party waives any rights it possesses under any prior Stipulation, except where the terms of this Stipulation supersede such prior Stipulation.

b. The contents of this Stipulation shall not in any way be considered, cited or used by any of the undersigned Parties as an indication of any Party's position on any related or other issue litigated in any other proceeding or forum, except to enforce the terms of this Stipulation.

47. This Stipulation may be executed in any number of counterparts, each of which shall be considered one and the same agreement, and shall become effective when one or more counterparts have been signed by each of the Parties. The Parties understand that the Board's written Order approving this Stipulation shall become effective in accordance with N.J.S.A. 48:2-40.

CONCLUSION

WHEREFORE, the Parties hereto have duly executed and do respectfully submit this Stipulation to the ALJ and the Board, and recommend that the ALJ issue an Initial Decision adopting and approving this Stipulation in its entirely and without modification, and that the Board issue a Final Decision and Order adopting and approving this Stipulation in its entirety and without modification in accordance with the terms hereof.

Jersey Central Power & Light Company

By: ______________________
Gregory Eisenstark, Esq.
Cozen O'Connor, PC

Dated: October 15, 2020

Stefanie A. Brand, Esq.
Director, **Division of Rate Counsel**

By: ______________________
Brian A. Lipman, Esq.
Deputy Rate Counsel

Dated:

Walmart Inc.

By: ______________________
Donald R. Wagner, Esq.
Attorney for Walmart Inc.

Dated:

Commercial Metals Company

By: ______________________
Murray Bevan, Esq.

Attorney for Commercial Metals Company

Dated:

Gurbir Singh Grewal
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Staff of the Board of Public Utilities

By: ______________________
Terel Klein
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Dated:

New Jersey Large Energy Users Coalition

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Steven Goldenberg, Esq.
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Dated:

Department of Defense/Federal Executive Agencies

By: ______________________
John J. McNutt, Esq.
Attorney for Department of Defense/Federal Executive Agencies.

Dated:

Jersey Central Power & Light Company

By: ______________________
Gregory Eisenstark, Esq.
Cozen O'Connor, PC

Dated: October 15, 2020

Stefanie A. Brand, Esq.
Director, **Division of Rate Counsel**

By: ______________________
Brian ~~A~~O. Lipman, Esq.
Deputy Rate Counsel

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Commercial Metals Company

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Attorney General of New Jersey
Attorney for
Staff of the Board of Public Utilities

By: ______________________
Terel Klein
Deputy Attorney General

Dated: October 15, 2020

New Jersey Large Energy Users Coalition

By: ______________________
Steven Goldenberg, Esq.
Attorney for New Jersey Large Energy Users Coalition

Dated:

Department of Defense/Federal Executive Agencies

By: ______________________
John J. McNutt, Esq.
Attorney for Department of Defense/Federal Executive Agencies.

Dated:

Jersey Central Power & Light Company

By: ______________________

Gregory Eisenstark, Esq.
Cozen O'Connor, PC

Dated: October 15, 2020

Stefanie A. Brand, Esq.
Director, **Division of Rate Counsel**

By: ______________________

Brian A. Lipman, Esq.
Deputy Rate Counsel

Dated:

Walmart Inc.

By: ______________________

Donald R. Wagner, Esq.
Attorney for Walmart Inc.

Dated:

Commercial Metals Company

By: ______________________

Murray Bevan, Esq.

Attorney for Commercial Metals Company

Dated: 10/15/20

Gurbir Singh Grewal
Attorney General of New Jersey
Attorney for
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Terel Klein
Deputy Attorney General

Dated: October 15, 2020

New Jersey Large Energy Users Coalition

By: ______________________
Steven Goldenberg, Esq.
Attorney for New Jersey Large Energy Users Coalition

Dated: October 16, 2020

Department of Defense/Federal Executive Agencies

By: ______________________
John J. McNutt, Esq.
Attorney for Department of Defense/Federal Executive Agencies.

Dated:

Jersey Central Power & Light Company

By: ______________________
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Cozen O'Connor, PC

Dated: October 15, 2020

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Attorney for
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By: ______________________
Terel Klein
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Dated: October 15, 2020

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Dated:

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John J. McNutt, Esq.
Attorney for Department of Defense/Federal Executive Agencies.

Dated: 16 OCT 2020

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Jersey Central Power & Light Company

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Gregory Eisenstark, Esq.
Cozen O'Connor, PC

Dated: October 15, 2020

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Dated:

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Attorney for Walmart Inc.

Dated: 10/15/2020

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Murray Bevan, Esq.

Attorney for Commercial Metals Company

Dated:

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Attorney for
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By: ________________________
Terel Klein
Deputy Attorney General

Dated:

New Jersey Large Energy Users Coalition

By: ____________________
Steven Goldenberg, Esq.
Attorney for New Jersey Large Energy Users Coalition

Dated:

Department of Defense/Federal Executive Agencies

By: ____________________
John J. McNutt, Esq.
Attorney for Department of Defense/Federal Executive Agencies.

Dated:

Attachment 1

Accounting Adjustment List

Adjustment Number	Adjustment	Annual Amount
7	Gain on Sale of Utility Property Amortization	(101,996)
8	Rate Case Amortization	156,039
12	Vegetation Management Amortization	2,485,080
20	ARAM Amortization	95,081

Attachment 2

General Information

G - Municipalities Served: The following list designates those municipalities in which the Company serves the public through its distribution facilities.

MONMOUTH COUNTY
(Continued)
Lake Como Boro

General Information

Central Region Business Offices:

Old Bridge	1345 Englishtown Road, Old Bridge, NJ 08857

Section 3 - Billings, Payments, Credit Deposits & Metering

3.06 Billing Adjustments: An adjustment of charges due to the Company for Services provided by the Company will be made if a meter is found to be registering as fast; more than two percent. The adjustment will be made corresponding to the percentage error as found in the meter covering the entire period which the meter registered inaccurately, provided such a period can be determined. If such period cannot be determined, a correction shall be applied to ½ of the total amount of billing affected since the most recent prior meter test. No adjustment shall be made for a period greater than the time during which the customer has received service through the meter in question. Billing adjustments will be in accordance with N.J.A.C. 14:3-4.6 and shall not be for a period of more than six years prior to the time the reason for the adjustment became known to the Company.

Section 3 - Billings, Payments, Credit Deposits & Metering

3.18 Returned Payment Charge: A charge of $15 will be assessed against a Customer's account when a check or an electronic payment or other form of funds transfer, which has been issued to the Company, is returned by the bank as uncollectible, or otherwise dishonored by the bank from which the funds were drawn.

3.19 Monthly Late Payment Charge: Upon the non-receipt of payment for services provided by the Company or an Alternative Electric Supplier by a Customer receiving Service under Service Classifications GS, GST, GP, GT, SVL, MVL, ISL, LED and Rider CEP and receiving a bill for such service rendered by the Company, as opposed to a consolidated bill rendered by an Alternative Electric Supplier, except for government entities, a Late Payment Charge at the rate of 1.5% per monthly billing period shall be applied. This charge will be applied to all amounts previously billed, including any unpaid late payment charge amounts applied to previous bills, which are not received by the Company when the next regular bill is calculated. The amount of the Late Payment Charge to be added to the unpaid balance shall be determined by multiplying the unpaid balance by the monthly Late Payment Charge rate of 1.5%. (See NJAC 14:3-7.1)

Section 12 – Net Metering Installations

12.04 Limitations and Qualifications for Remote Net Metering (BPU Docket No. QO18070697, Order dated September 17, 2018):

The Clean Energy Act, P.L. 2018, Chapter 17, Section 6 required the BPU to establish an application and approval process to facilitate Remote Net Metering in which a public entity certified to act as a host customer with a solar electric energy project may allocate credits to other public entities within the same electric public utility service territory. To qualify for Remote Net Metering a customer must be a public entity, which is a State entity, school district, county, county agency, county authority, municipality, municipal agency, municipal authority or public university that has completed the BPU-approved application process and received BPU approval for certification as a participant eligible to receive Remote Net Metering credits. A host customer is a public entity that proposes to host a solar electric generation facility on its property. The entities designated to receive credits are considered to be receiving customers that are public entities located in the same electric distribution company ("EDC") territory as the host customer. Both the host customer and the receiving customer must be a customer of record of JCP&L, and there may be no more than 10 receiving customer accounts per host.

Eligible public entities must follow the established application and approval process to certify public entities to act as a host customer for Remote Net Metering, requiring submittal of the BPU-approved form of "Public Entity Certification Agreement" used by the host customers and receiving customers which shall be fully executed and provided to the Company, reviewed by the Staff of the BPU and approved by the BPU prior to the application of any Remote Net Metering credits. The Public Entity Certification Agreement is available on the New Jersey Clean Energy Program website as well as the Company's website in the section dedicated to information regarding net metering and interconnection processes. The standard form "Public Entity Certification Agreement" must be fully executed by the host customer and each receiving customer, be accompanied by the BPU-approved standard form of Interconnection Application (Part 1) as used for all net metered projects and be delivered to both BPU Staff and the Company. The Company and BPU Staff will review the Public Entity Certification Agreement for administrative completeness. Within 10 days, the Company will provide its input to BPU Staff, whereupon BPU Staff will issue a notice of its findings to the contact person listed on the form. Following the issuance of a notice of administrative completeness, the Company will have 20 business days to review the application for eligibility and feasibility, including the proposed system size and all account information and make a recommendation to BPU Staff to approve or deny. In the case of a recommendation of denial, the Company will provide to BPU Staff a description of the deficiencies and potential means to correct the deficiencies. BPU Staff will present the fully executed "Public Entity Certification Agreement" and Part 1 of the Interconnection application to the BPU with a recommendation for approval or denial.

Section 12 – Net Metering Installations

Host Customer Solar Electric Generator Sizing for Remote Net Metering: The size of a host customer's solar electric generation facility shall be limited to the installed capacity that can produce electricity on an annual basis in an amount not to exceed the total average usage of the host customer's electric accounts with the Company. The host customer is not required to use more than one account for purposes of sizing the solar electric generation facility. However, the solar facility must be located on property containing at least one Company electric meter for the host customer. The host customer is required to identify which account(s) to use to calculate the total average usage for the previous 12 months of consumption in kWhs. The total quantity of annual, historic consumed kWh will be divided by (i) the number of accounts, if more than one account is used, and (ii) 1,200 annual kWh per kilowatt ("kWdc") to arrive at the maximum capacity for the solar electric generation facility in kWs.

Billing and Credits for Remote Net Metering: No more than 10 receiving accounts may be party to a Public Entity Certification Agreement and not less than 10% of the solar electric generating facility output may be allocated to an individual receiving account. The terms and conditions of the Public Entity Certification Agreement, including all designated receiving accounts and their associated percentage of output allocations, shall be fixed throughout the annualized period with the exception of a once per annum opportunity to reallocate upon BPU Staff's approval of a revision to a Public Entity Certification Agreement, which is re-executed with all parties' approval, including the Company. The host customer shall agree to the installation of a revenue grade production meter at its expense as specified by the Company, to record the solar generation at the host site. On a monthly basis, the Company shall use the metered kWh data produced by the solar electric generation facility on the host customer property to calculate the credits due to receiving customers. The monthly output will be allocated to receiving customers according to the percentage allotments indicated on the Public Entity Certification Agreement. The value of a Remote Net Metering credit will reflect a rough approximation of the generation, transmission and distribution value of a kWh produced by the solar electric generation facility. Each credited kWh for a receiving customer shall offset the variable kWh charges of a receiving customer(s) except for the SBC charge. No fixed, demand ($/kW), customer or SBC charges shall be offset by a remote net metering credit. On a monthly basis, the Company will credit an apportioned amount of kWh output from the solar facility in the form of kWh to be deducted from the kWh consumed by the receiving customers according to the percentage allotments indicated on the Public Entity Certification Agreement. The apportioned amount of solar electricity generated in kWh, the gross amount of electricity consumed and the net amount of kWh after credit allocation will be identified on the monthly electric bills of the designated receiving customer account. The receiving customers will be charged the SBC amounts attributable to the apportioned credit kWh. The application of an annualized period as currently used in the net metering rules at N.J.A.C. 14:8-4.2 shall apply to remote net metering. Any excess generation for an individual receiving customer account after a monthly credit allocation shall be carried over to the next month within the annualized period. If an individual receiving customer account holds credits at the end of an annualized period, the account shall be trued up consistent with current net metering practice, with excess kWh compensated at the average annual LMP in the Company's transmission zone.

Remote Net Metering customers shall be responsible for all interconnection costs as described in Section 12.01

Section 12 – Net Metering Installations

12.08 Program Availability: The Company may be authorized by the BPU to cease offering net metering whenever the total rated generating capacity owned and operated by Customer-generators on a Statewide basis equals 5.8 percent of total annual kilowatt-hour sales in the State.

Section 13 – Community Solar Energy Pilot Program

13.01 General:

The Community Solar Energy Pilot Program is open to customers of all rate classes who subscribe to community solar projects that are approved by the BPU. Community solar projects and customer subscribers to those approved projects must meet the following minimum requirements, and the full requirements defined in N.J.A.C. 14:8-9.1, *et seq.*, in accordance with N.J.S.A. 48:3-87.11. The program provides for the participation of customers of the Company in all rate classes as subscribers to BPU-approved community solar projects that are located within the service territory of the Company, but may be remotely located from the subscriber's electric service address, and receive a credit on their utility bills in accordance with their participation share. Existing solar projects may not apply to requalify as a Community Solar Energy Pilot Program project. The Pilot Program shall run for a period of no more than 36 months, divided into Program Year 1 (PY1), Program Year 2 (PY2), and Program Year 3 (PY3). PY1 shall begin February 19, 2019, and last until December 31, 2019. Subsequent program years shall begin on January 1 and last for the full calendar year. For each of the three program years, BPU staff shall initiate an annual application process. The annual capacity limit in the Company's service territory each year shall be calculated by the BPU by multiplying the Company's percentage of in-State retail electric sales by the total statewide capacity approved for that year. In PY1, this represented approximately 20.625 MW based upon the Company's 27.5% share of the 75 MW available statewide capacity. Any unallocated capacity at the end of a program year may be reallocated to subsequent program years. At least 40 percent of the annual capacity limit shall be allocated to low and moderate income community (LMI) solar projects. The application and criteria for selection of community solar projects is managed by the BPU. Only projects that are selected by the BPU will be eligible to participate in the Pilot Program. The capacity limit for individual community solar pilot projects is set at a maximum of five MWs per project, measured as the sum of the nameplate capacity in DC rating of all PV panels comprising the community solar facility. The minimum number of participating subscribers for each community solar project shall be set at 10 subscribers and the maximum number of participating subscribers for each community solar project shall be set at 250 subscribers per one MW installed capacity (prorated to project capacity). Each community solar project must be equipped with at least one utility grade meter to facilitate the recording of solar generation underlying the bill credit process.

13.02 Selected Definitions (N.J.A.C. 14:8-9.2):

"Community solar pilot project," "community solar project," or "project" refers to a community solar project approved by the BPU for participation in the Pilot Program, including, but not limited to, the community solar facility, project participants, and subscribers.

"Community solar subscriber organization" or "subscriber organization" means the entity, duly registered with the BPU that works to acquire original subscribers for the community solar project and/or acquires replacement subscribers over the lifetime of the community solar project and/or manages subscriptions for a community solar project. The community solar subscriber organization may or may not be, in whole, in part, or not at all, organized by the community solar developer, community solar owner, or community solar operator.

"Community solar subscriber" or "subscriber" refers to any person or entity who participates in a community solar project by means of the purchase or payment for a portion of the capacity and/or energy produced by a community solar facility. One electric meter denotes one subscriber.

"Community solar subscription" or "subscription" refers to an agreement to participate in a community solar project, by which the subscriber receives a bill credit for a portion of the community solar capacity and/or energy produced by a community solar facility. A subscription may be measured as capacity in kW and/or energy in kWh, ownership of a panel or panels in a community solar facility, ownership of a share of a community solar project, or a fixed and/or variable monthly payment to the project operator.

Section 13 – Community Solar Energy Pilot Program

13.03 Subscription Requirements:

Community solar pilot project subscriptions shall not exceed 100 percent of the subscriber's historic annual usage, calculated over the past 12 months, available at the time of the application. In cases where a 12-month history is not available, the community solar subscriber organization shall estimate, in a commercially reasonable manner, a subscriber's load based on available history. No single subscriber shall subscribe to more than 40 percent of a community solar project's total annual net energy. Subscriptions are portable, provided that the subscriber remains within the original Company service territory as the community solar pilot project to which they are subscribed. Appropriate notice of the change in residence and/or location must be provided to the Company, no later than 30 days after the effective date of the change in residence and/or location. In cases of relocation, subscribers are entitled to one revision per move to their subscription size to account for a change in average consumption. Subscriptions may be sold or transferred back to the project owner or community solar subscriber organization by subscribers as specified in their subscription agreements. Subscribers may not sell or transfer a subscription to another party other than the project owner or community solar subscriber organization. A subscriber may not participate in more than one community solar project. It is the responsibility of the subscriber organization to verify that their subscribers are not already subscribed to another community solar project. The Company shall establish, in coordination with BPU staff, a standardized process by which community solar subscriber organizations can submit on a monthly basis the list of subscribers for a community solar project, and their respective participation shares. The Company shall apply the community solar bill credit to subscribers' utility bills in proportion to each subscriber's participation share, in conformance with the bill credit calculation method described below.

13.04 Community Solar Bill Credits

Participating subscriber customers will receive a dollar-based bill credit for their subscribed percentage of the monthly kilowatt-hour output of the community solar project in proportion to the subscriber's share of the community solar project as indicated on the most recent list received from the subscriber organization. The monthly dollar credit on the subscriber's bill will be the equivalent of their subscription percentage of the community solar project monthly kilowatt-hour generation amount applied to all kilowatt-hour charges on the subscriber's bill, excluding all fixed and non-by-passable charges and SUT. The non-bypassable charges are the fixed monthly customer charge, all kW demand charges (if applicable), the SBC charge, the NGC charge and the ZEC charge. The value of the bill credit shall be set at the weighted class average retail rate for their respective service classification. The bill credit for CIEP eligible customers will be set at the average hourly energy price. Customers served by a third-party supplier will have their credit based upon the BGS rate. The subscriber's bill credit will be used to offset the subscriber's total bill up to the amount of actual metered consumption. The calculation of the value of the bill credit shall remain as described above and shall remain in effect for the life of the project, defined as no more than 20 years from the date of commercial operation of the project or the period until the project is decommissioned, whichever comes first, in addition to any modifications subsequently ordered by the BPU. The community solar bill credit will be specifically identified as the community solar bill credit in a separate line on the subscribers' utility bills.

Section 13 – Community Solar Energy Pilot Program

13.04 Community Solar Bill Credits (Continued)

An annualized period shall be established for each subscriber. The annualized period shall begin on the day a subscriber first earns a community solar bill credit based on the delivery of energy, and continues for a period of 12 months, until the subscription ends, or until the subscriber's Company account is closed, whichever occurs earlier. The Company may sync up the monthly billing period of subscribers and projects, by modifying, with due notice given, the monthly billing period for subscribers upon their first month of participation in the community solar project. Excess credits above the level of the metered monthly consumption shall carry over from monthly billing period to monthly billing period, with the balance of credits accumulating until the earlier of either the end of the annualized period, the closure of the subscriber's Company account, or the end of the subscriber's community solar subscription. At the end of the annualized period and/or when a subscriber's Company account is closed and/or at the end of the subscriber's community solar subscription, any excess net bill credits greater than the sum of all appropriate billable charges shall be compensated at the Company's average LMP of the JCP&L transmission zone. The excess compensation must be returned to the subscriber by bill credit, wire transfer, or check. If a subscriber receives net excess credits for each of the three previous consecutive years, the subscriber organization must resize the subscriber's subscription size to ensure it does not exceed 100 percent of historic annual usage, calculated over the past 12 months, available at the time of the reassessment.

Any generation delivered to the grid that has not been allocated to a subscriber may be "banked" by the project operator in a dedicated project Company account for an annualized period of up to 12 months. The banked credits may be distributed by the project operator to any new or existing subscriber during that 12-month period, in conformance with subscription requirements set forth in N.J.A.C. 14:8-9.6. At the end of the up to 12-month period, any remaining generation credits shall be compensated at the Company's average LMP of the JCP&L transmission zone. Subscribers must have an active electric account within the Company's service territory of the community solar project to which they are subscribed. Upon Company request, if required by the Company, subscribers must agree to a remote read smart meter upon EDC request, purchased and installed at EDC cost.

The Company will utilize a standardized process for sharing subscriber information between subscriber organizations and the Company by which subscriber organizations can submit the lists of subscribers. Subscriber organizations shall send to the Company a list of subscribers to the project with all appropriate subscriber information, no later than 60 days prior to the first monthly billing period for the community solar project. Additionally, subscriber organizations shall send an updated list to the Company once per month.

Appendix A - Unit Costs of Underground Construction
Single Family Developments

Appendix A - Residential Electric Underground Extensions
The Applicant shall pay the Company the amount determined from the following table:

A. Base Charges	Average Front Footage Per Lot			
1. Single Family	<= 125 Ft	126-225 Ft	226-325 Ft	>= 326Ft
Nonrefundable charge per building lot				
• With Applicant providing all trenching and road crossing conduits	$ 361.00	$ 428.00	$ 495.00	$ 881.00
Refundable deposit based on equivalent overhead construction	$ 828.00	$1,656.00	$2,484.00	$4,140.00

2. Lots requiring 1Φ primary extension
   - Without primary enclosure $1,532.00
   - With primary enclosure $4,236.44

3. Duplex-family buildings, mobile homes, multiple occupancy buildings, three-phase high capacity extensions, lots requiring primary extensions thereon, excess transformer capacity above 8.5 KVA, etc. — Charge to be based on differential cost according to unit costs specified in Exhibits I through III

B. Additional Charges

1. Street Lights - SVL
   - 16 foot fiberglass pole with standard colonial post top luminaire ....$ 365.00
   - 16 foot fiberglass pole with ornate colonial post top luminaire $1,026.00
   - 30 foot fiberglass pole with cobra head luminaire on 6 foot bracket.........................$1,126.00
   - 12 foot 9 inch ornate fiberglass pole with ornate colonial post top luminaire $2,567.00
   - 12 foot 9 inch ornate fiberglass pole with acorn style post top luminaire $3,234.00

   - LED
   - 16 foot Fiberglass pole with colonial post top luminaire……………………………….$ 577.00
   - 30 foot fiberglass pole with Cobra Head……………………………………………….$1,164.00
   - 12 foot 9 inch ornate fiberglass pole with acorn style post top luminaire…………….$2,118.00

2. Multi-Phase Construction $1.28 per added phase per foot

3. Pavement cutting and restoration, rock removal, blasting, difficult digging, and special backfill — At actual low bid cost with option of Applicant to contract for as limited by NJAC

Note: All charges are subject to taxes as provided in Section 3.14.

Appendix A - Exhibit I - Unit Costs of Underground Construction
Single-Phase 15 kV

Item	Unit	Total Cost
1. Primary cable 1/0 aluminum	per foot	3.86
2. Secondary cable 3/0 aluminum	per foot	2.48
350 MCM aluminum	per foot	5.02
500 MCM aluminum	per foot	8.09
750 MCM aluminum	per foot	11.04
3. Service - 200 amp and below	per foot	2.48
50 feet complete	each	614.14
4. Primary termination - branch	each	1,372.50
5. Primary junction enclosure - branch	each	2,703.80
6. Secondary enclosure	each	646.61
7. Conduit - 3 inch PVC	per foot	3.94
Conduit - 4 inch PVC	per foot	4.75
8. Street light cable - # 12 cu. duplex	per foot	2.93
9. Transformers - including fiberglass pad		
25 kVa – single-phase	each	2,616.27
50 kVa – single-phase	each	2,921.40
75 kVa – single-phase	each	3,305.99
100 kVa – single-phase	each	3,680.90
167 kVa – single-phase	each	4,386.08
25 kVa – single-phase Dual Voltage	each	3,035.23
50 kVa – single-phase Dual Voltage	each	3,299.85
75 kVa – single-phase Dual Voltage	each	4,093.62
10. Street light poles		
16 foot post top fiberglass pole	each	576.58
30 foot fiberglass pole	each	1,163.74
12 foot 9 inch ornate fiberglass pole	each	2,117.95
11. Street light luminaire – cobra head SVL	each	539.26
12. Post top luminaire – SVL		
50, 70, 100 & 150 watt colonial style	each	365.76
70 & 100 watt ornate colonial style	each	1,026.42
70 & 100 watt ornate acorn style	each	1,693.36
13. Primary splice – # 2 aluminum	each	188.84

Note: All charges are subject to taxes as provided in Section 3.14.

Appendix A - Exhibit II - Unit Costs of Underground Construction
Three-Phase 15 kV

	Item	Unit	Total Cost
1.	Primary cable – three-phase main feeder	per foot	$ 24.93
2.	Secondary cable - 4-wire 350 MCM aluminum	per foot	8.60
3.	Service cable - 4-wire 350 MCM aluminum	per foot	8.92
4.	Primary termination - main		
	# 2 aluminum three-phase	each	3,365.54
	1000 MCM aluminum three-phase	each	4,961.19
5.	Primary junction - main	each	4,660.04
6.	Primary switch - main		
	PMH-9	each	34,679.04
	PMH-10	each	30,136.80
	PMH-11	each	31,658.44
	PMH-12	each	38,639.32
7.	Conduit - 5 inch PVC	per foot	5.98
	- 6 inch PVC	per foot	7.40
8.	Transformers - including concrete pad		
	75 kVa three-phase	each	6,297.08
	150 kVa three-phase	each	6,980.84
	300 kVa three-phase	each	8,835.18
	500 kVa three-phase	each	10,988.05
9.	Primary splice – 15 kV three-phase cable	each	433.75

Note: All charges are subject to taxes as provided in Section 3.14.

Appendix A - Exhibit III - Unit Costs of Overhead Construction
Single and Three-Phase 15 kV

	Item	Unit	Total Cost
1.	Pole line (including 40 foot poles, anchors & guys)	per foot	$ 6.56*
2.	Primary wire		
	Single-phase – branch	per foot	2.58
	Three-phase – main	per foot	12.08
3.	Primary wire - neutral	per foot	2.42
4.	Secondary cable		
	Three-wire	per foot	5.16
	Four-wire	per foot	8.45
5.	Service		
	Single-phase	each	244.60
	Single–phase - 200 amp and below	per foot	2.49
	Three-phase – up to 200 amp	per foot	4.02
	Three-phase – over 200 amp	per foot	6.67
6.	Transformers		
	25 kVa – single-phase	each	1,453.17
	50 kVa – single-phase	each	1,763.05
	75 kVa – single-phase	each	2,273.13
	100 kVa – single-phase	each	2,635.99
	167 kVa – single-phase	each	3,073.14
	3- 25 kVa – three-phase	each	3,818.97
	3- 50 kVa – three-phase	each	4,748.61
	3- 75 kVa – three-phase	each	6,404.91
	3-100 kVa – three-phase	each	7,481.49
	3-167 kVa – three-phase	each	8,792.94
7.	Street light luminaire – cobra head SVL	each	577.38

Pole line cost to be used = $6.56 / 2 = $3.28

Note: All charges are subject to taxes as provided in Section 3.14.

Appendix A - Exhibit III - Unit Costs of Overhead Construction
Single and Three-Phase 15 kV

8. Street light luminaire – LED – Contributions

Monthly Contribution Fixture charge of $2.65

Item		Unit	Total Cost
30 W	Cobra Head	each	358.38
50 W	Cobra Head	each	354.88
90 W	Cobra Head	each	403.55
130 W	Cobra Head	each	492.97
260 W	Cobra Head	each	694.22
50 W	Acorn	each	1,295.80
90 W	Acorn	each	1,243.30
50 W	Colonial	each	619.38
90 W	Colonial	each	793.88

Monthly Contribution Fixture charge of $4.24

Item		Unit	Total Cost
30 W	Cobra Head	each	209.20
50 W	Cobra Head	each	205.70
90 W	Cobra Head	each	254.37
130 W	Cobra Head	each	343.79
260 W	Cobra Head	each	545.04
50 W	Acorn	each	1,146.62
90 W	Acorn	each	1,094.12
50 W	Colonial	each	470.20
90 W	Colonial	each	644.70

Note: All charges are subject to taxes as provided in Section 3.14.

General Information

G - Municipalities Served: The following list designates those municipalities in which the Company serves the public through its distribution facilities.

MONMOUTH COUNTY
(Continued)
Lake Como Boro
~~South Belmar Boro~~

General Information

Central Region Business Offices:
Old Bridge ~~999~~1345 Englishtown Road, Old Bridge, NJ 08857

Section 3 - Billings, Payments, Credit Deposits & Metering

~~**3.06 Billing Adjustments:**~~ An adjustment of charges due to the Company for Services provided by the Company will be made ~~when a meter fails to register within the limits of accuracy prescribed by the BPU in accordance with NJAC 14:3-4.6, or for any other legitimate reason, in which case such adjustment~~if a meter is found to be registering as fast; more than two percent. The adjustment will be made corresponding to the percentage error as found in the meter covering the entire period which the meter registered inaccurately, provided such a period can be determined. If such period cannot be determined, a correction shall be applied to ½ of the total amount of billing affected since the most recent prior meter test. No adjustment shall be made for a period greater than the time during which the customer has received service through the meter in question. Billing adjustments will be in accordance with N.J.A.C. 14:3-4.6 and shall not be for a period of more than six years prior to the time the reason for the adjustment became known to the Company.~~ (See NJAC 14:3-4.6)~~

Section 3 - Billings, Payments, Credit Deposits & Metering

3.18 Returned Payment Charge: A charge of $~~12~~15 will be assessed against a Customer's account when a check or an electronic payment or other form of funds transfer, which has been issued to the Company, is returned by the bank as uncollectible, or otherwise dishonored by the bank from which the funds were drawn.

3.19 Monthly Late Payment Charge: Upon the non-receipt of payment for services provided by the Company or an Alternative Electric Supplier by a Customer receiving Service under Service Classifications GS, GST, GP, GT, SVL, MVL, ISL, LED and Rider CEP and receiving a bill for such service rendered by the Company, as opposed to a consolidated bill rendered by an Alternative Electric Supplier, except for ~~State, County, and Municipal Government accounts~~government entities, a Late Payment Charge at the rate of 1.5% per monthly billing period shall be applied. This charge will be applied to all amounts previously billed, including any unpaid late payment charge amounts applied to previous bills, which are not received by the Company when the next regular bill is calculated. The amount of the Late Payment Charge to be added to the unpaid balance shall be determined by multiplying the unpaid balance by the monthly Late Payment Charge rate of 1.5%. (See NJAC 14:3-7.1)

Section 12 – Net Metering Installations

12.04 Limitations and Qualifications for Remote Net Metering (BPU Docket No. QO18070697, Order dated September 17, 2018):

The Clean Energy Act, P.L. 2018, Chapter 17, Section 6 required the BPU to establish an application and approval process to facilitate Remote Net Metering in which a public entity certified to act as a host customer with a solar electric energy project may allocate credits to other public entities within the same electric public utility service territory. To qualify for Remote Net Metering a customer must be a public entity, which is a State entity, school district, county, county agency, county authority, municipality, municipal agency, municipal authority or public university that has completed the BPU-approved application process and received BPU approval for certification as a participant eligible to receive Remote Net Metering credits. A host customer is a public entity that proposes to host a solar electric generation facility on its property. The entities designated to receive credits are considered to be receiving customers that are public entities located in the same electric distribution company ("EDC") territory as the host customer. Both the host customer and the receiving customer must be a customer of record of JCP&L, and there may be no more than 10 receiving customer accounts per host.

Eligible public entities must follow the established application and approval process to certify public entities to act as a host customer for Remote Net Metering, requiring submittal of the BPU-approved form of "Public Entity Certification Agreement" used by the host customers and receiving customers which shall be fully executed and provided to the Company, reviewed by the Staff of the BPU and approved by the BPU prior to the application of any Remote Net Metering credits. The Public Entity Certification Agreement is available on the New Jersey Clean Energy Program website as well as the Company's website in the section dedicated to information regarding net metering and interconnection processes. The standard form "Public Entity Certification Agreement" must be fully executed by the host customer and each receiving customer, be accompanied by the BPU-approved standard form of Interconnection Application (Part 1) as used for all net metered projects and be delivered to both BPU Staff and the Company. The Company and BPU Staff will review the Public Entity Certification Agreement for administrative completeness. Within 10 days, the Company will provide its input to BPU Staff, whereupon BPU Staff will issue a notice of its findings to the contact person listed on the form. Following the issuance of a notice of administrative completeness, the Company will have 20 business days to review the application for eligibility and feasibility, including the proposed system size and all account information and make a recommendation to BPU Staff to approve or deny. In the case of a recommendation of denial, the Company will provide to BPU Staff a description of the deficiencies and potential means to correct the deficiencies. BPU Staff will present the fully executed "Public Entity Certification Agreement" and Part 1 of the Interconnection application to the BPU with a recommendation for approval or denial.

Section 12 – Net Metering Installations

Host Customer Solar Electric Generator Sizing for Remote Net Metering: The size of a host customer's solar electric generation facility shall be limited to the installed capacity that can produce electricity on an annual basis in an amount not to exceed the total average usage of the host customer's electric accounts with the Company. The host customer is not required to use more than one account for purposes of sizing the solar electric generation facility. However, the solar facility must be located on property containing at least one Company electric meter for the host customer. The host customer is required to identify which account(s) to use to calculate the total average usage for the previous 12 months of consumption in kWhs. The total quantity of annual, historic consumed kWh will be divided by (i) the number of accounts, if more than one account is used, and (ii) 1,200 annual kWh per kilowatt ("kWdc") to arrive at the maximum capacity for the solar electric generation facility in kWs.

Billing and Credits for Remote Net Metering: No more than 10 receiving accounts may be party to a Public Entity Certification Agreement and not less than 10% of the solar electric generating facility output may be allocated to an individual receiving account. The terms and conditions of the Public Entity Certification Agreement, including all designated receiving accounts and their associated percentage of output allocations, shall be fixed throughout the annualized period with the exception of a once per annum opportunity to reallocate upon BPU Staff's approval of a revision to a Public Entity Certification Agreement, which is re-executed with all parties' approval, including the Company. The host customer shall agree to the installation of a revenue grade production meter at its expense as specified by the Company, to record the solar generation at the host site. On a monthly basis, the Company shall use the metered kWh data produced by the solar electric generation facility on the host customer property to calculate the credits due to receiving customers. The monthly output will be allocated to receiving customers according to the percentage allotments indicated on the Public Entity Certification Agreement. The value of a Remote Net Metering credit will reflect a rough approximation of the generation, transmission and distribution value of a kWh produced by the solar electric generation facility. Each credited kWh for a receiving customer shall offset the variable kWh charges of a receiving customer(s) except for the SBC charge. No fixed, demand ($/kW), customer or SBC charges shall be offset by a remote net metering credit. On a monthly basis, the Company will credit an apportioned amount of kWh output from the solar facility in the form of kWh to be deducted from the kWh consumed by the receiving customers according to the percentage allotments indicated on the Public Entity Certification Agreement. The apportioned amount of solar electricity generated in kWh, the gross amount of electricity consumed and the net amount of kWh after credit allocation will be identified on the monthly electric bills of the designated receiving customer account. The receiving customers will be charged the SBC amounts attributable to the apportioned credit kWh. The application of an annualized period as currently used in the net metering rules at N.J.A.C. 14:8-4.2 shall apply to remote net metering. Any excess generation for an individual receiving customer account after a monthly credit allocation shall be carried over to the next month within the annualized period. If an individual receiving customer account holds credits at the end of an annualized period, the account shall be trued up consistent with current net metering practice, with excess kWh compensated at the average annual LMP in the Company's transmission zone.

Remote Net Metering customers shall be responsible for all interconnection costs as described in Section 12.01

Section 12 – Net Metering Installations

12.08 Program Availability: The Company may be authorized by the BPU to cease offering net metering whenever the total rated generating capacity owned and operated by Customer-generators on a Statewide basis equals ~~2.9~~5.8 percent of total annual kilowatt-hour sales in the State.

Section 13 – Community Solar Energy Pilot Program

13.01 General:

The Community Solar Energy Pilot Program is open to customers of all rate classes who subscribe to community solar projects that are approved by the BPU. Community solar projects and customer subscribers to those approved projects must meet the following minimum requirements, and the full requirements defined in N.J.A.C. 14:8-9.1, *et seq.*, in accordance with N.J.S.A. 48:3-87.11. The program provides for the participation of customers of the Company in all rate classes as subscribers to BPU-approved community solar projects that are located within the service territory of the Company, but may be remotely located from the subscriber's electric service address, and receive a credit on their utility bills in accordance with their participation share. Existing solar projects may not apply to requalify as a Community Solar Energy Pilot Program project. The Pilot Program shall run for a period of no more than 36 months, divided into Program Year 1 (PY1), Program Year 2 (PY2), and Program Year 3 (PY3). PY1 shall begin February 19, 2019, and last until December 31, 2019. Subsequent program years shall begin on January 1 and last for the full calendar year. For each of the three program years, BPU staff shall initiate an annual application process. The annual capacity limit in the Company's service territory each year shall be calculated by the BPU by multiplying the Company's percentage of in-State retail electric sales by the total statewide capacity approved for that year. In PY1, this represented approximately 20.625 MW based upon the Company's 27.5% share of the 75 MW available statewide capacity. Any unallocated capacity at the end of a program year may be reallocated to subsequent program years. At least 40 percent of the annual capacity limit shall be allocated to low and moderate income community (LMI) solar projects. The application and criteria for selection of community solar projects is managed by the BPU. Only projects that are selected by the BPU will be eligible to participate in the Pilot Program. The capacity limit for individual community solar pilot projects is set at a maximum of five MWs per project, measured as the sum of the nameplate capacity in DC rating of all PV panels comprising the community solar facility. The minimum number of participating subscribers for each community solar project shall be set at 10 subscribers and the maximum number of participating subscribers for each community solar project shall be set at 250 subscribers per one MW installed capacity (prorated to project capacity). Each community solar project must be equipped with at least one utility grade meter to facilitate the recording of solar generation underlying the bill credit process.

13.02 Selected Definitions (N.J.A.C. 14:8-9.2):

"Community solar pilot project," "community solar project," or "project" refers to a community solar project approved by the BPU for participation in the Pilot Program, including, but not limited to, the community solar facility, project participants, and subscribers.

"Community solar subscriber organization" or "subscriber organization" means the entity, duly registered with the BPU that works to acquire original subscribers for the community solar project and/or acquires replacement subscribers over the lifetime of the community solar project and/or manages subscriptions for a community solar project. The community solar subscriber organization may or may not be, in whole, in part, or not at all, organized by the community solar developer, community solar owner, or community solar operator.

"Community solar subscriber" or "subscriber" refers to any person or entity who participates in a community solar project by means of the purchase or payment for a portion of the capacity and/or energy produced by a community solar facility. One electric meter denotes one subscriber.

"Community solar subscription" or "subscription" refers to an agreement to participate in a community solar project, by which the subscriber receives a bill credit for a portion of the community solar capacity and/or energy produced by a community solar facility. A subscription may be measured as capacity in kW and/or energy in kWh, ownership of a panel or panels in a community solar facility, ownership of a share of a community solar project, or a fixed and/or variable monthly payment to the project operator.

Section 13 – Community Solar Energy Pilot Program

13.03 Subscription Requirements:

Community solar pilot project subscriptions shall not exceed 100 percent of the subscriber's historic annual usage, calculated over the past 12 months, available at the time of the application. In cases where a 12-month history is not available, the community solar subscriber organization shall estimate, in a commercially reasonable manner, a subscriber's load based on available history. No single subscriber shall subscribe to more than 40 percent of a community solar project's total annual net energy. Subscriptions are portable, provided that the subscriber remains within the original Company service territory as the community solar pilot project to which they are subscribed. Appropriate notice of the change in residence and/or location must be provided to the Company, no later than 30 days after the effective date of the change in residence and/or location. In cases of relocation, subscribers are entitled to one revision per move to their subscription size to account for a change in average consumption. Subscriptions may be sold or transferred back to the project owner or community solar subscriber organization by subscribers as specified in their subscription agreements. Subscribers may not sell or transfer a subscription to another party other than the project owner or community solar subscriber organization. A subscriber may not participate in more than one community solar project. It is the responsibility of the subscriber organization to verify that their subscribers are not already subscribed to another community solar project. The Company shall establish, in coordination with BPU staff, a standardized process by which community solar subscriber organizations can submit on a monthly basis the list of subscribers for a community solar project, and their respective participation shares. The Company shall apply the community solar bill credit to subscribers' utility bills in proportion to each subscriber's participation share, in conformance with the bill credit calculation method described below.

13.04 Community Solar Bill Credits

Participating subscriber customers will receive a dollar-based bill credit for their subscribed percentage of the monthly kilowatt-hour output of the community solar project in proportion to the subscriber's share of the community solar project as indicated on the most recent list received from the subscriber organization. The monthly dollar credit on the subscriber's bill will be the equivalent of their subscription percentage of the community solar project monthly kilowatt-hour generation amount applied to all kilowatt-hour charges on the subscriber's bill, excluding all fixed and non-by-passable charges and SUT. The non-bypassable charges are the fixed monthly customer charge, all kW demand charges (if applicable), the SBC charge, the NGC charge and the ZEC charge. The value of the bill credit shall be set at the weighted class average retail rate for their respective service classification. The bill credit for CIEP eligible customers will be set at the average hourly energy price. Customers served by a third-party supplier will have their credit based upon the BGS rate. The subscriber's bill credit will be used to offset the subscriber's total bill up to the amount of actual metered consumption. The calculation of the value of the bill credit shall remain as described above and shall remain in effect for the life of the project, defined as no more than 20 years from the date of commercial operation of the project or the period until the project is decommissioned, whichever comes first, in addition to any modifications subsequently ordered by the BPU. The community solar bill credit will be specifically identified as the community solar bill credit in a separate line on the subscribers' utility bills.

Section 13 – Community Solar Energy Pilot Program

13.04 Community Solar Bill Credits (Continued)

An annualized period shall be established for each subscriber. The annualized period shall begin on the day a subscriber first earns a community solar bill credit based on the delivery of energy, and continues for a period of 12 months, until the subscription ends, or until the subscriber's Company account is closed, whichever occurs earlier. The Company may sync up the monthly billing period of subscribers and projects, by modifying, with due notice given, the monthly billing period for subscribers upon their first month of participation in the community solar project. Excess credits above the level of the metered monthly consumption shall carry over from monthly billing period to monthly billing period, with the balance of credits accumulating until the earlier of either the end of the annualized period, the closure of the subscriber's Company account, or the end of the subscriber's community solar subscription. At the end of the annualized period and/or when a subscriber's Company account is closed and/or at the end of the subscriber's community solar subscription, any excess net bill credits greater than the sum of all appropriate billable charges shall be compensated at the Company's average LMP of the JCP&L transmission zone. The excess compensation must be returned to the subscriber by bill credit, wire transfer, or check. If a subscriber receives net excess credits for each of the three previous consecutive years, the subscriber organization must resize the subscriber's subscription size to ensure it does not exceed 100 percent of historic annual usage, calculated over the past 12 months, available at the time of the reassessment.

Any generation delivered to the grid that has not been allocated to a subscriber may be "banked" by the project operator in a dedicated project Company account for an annualized period of up to 12 months. The banked credits may be distributed by the project operator to any new or existing subscriber during that 12-month period, in conformance with subscription requirements set forth in N.J.A.C. 14:8-9.6. At the end of the up to 12-month period, any remaining generation credits shall be compensated at the Company's average LMP of the JCP&L transmission zone. Subscribers must have an active electric account within the Company's service territory of the community solar project to which they are subscribed. Upon Company request, if required by the Company, subscribers must agree to a remote read smart meter upon EDC request, purchased and installed at EDC cost.

The Company will utilize a standardized process for sharing subscriber information between subscriber organizations and the Company by which subscriber organizations can submit the lists of subscribers. Subscriber organizations shall send to the Company a list of subscribers to the project with all appropriate subscriber information, no later than 60 days prior to the first monthly billing period for the community solar project. Additionally, subscriber organizations shall send an updated list to the Company once per month.

Appendix A - Unit Costs of Underground Construction
Single Family Developments

Appendix A - Residential Electric Underground Extensions
The Applicant shall pay the Company the amount determined from the following table:

A. Base Charges

4. Single Family	Average Front Footage Per Lot <= 125 Ft	126-225 Ft	226-325 Ft	>= 326Ft
Nonrefundable charge per building lot				
• With Applicant providing all trenching and road crossing conduits	$ ~~317~~361.00	$ ~~370~~428.00	$ ~~424~~495.00	$ ~~743~~881.00
Refundable deposit based on equivalent overhead construction	$ ~~648~~828.00	$1,~~296~~656.00	$~~1,944~~2,484.00	$~~3,240~~4,140.00

5. Lots requiring 1Φ primary extension
   - Without primary enclosure $1,~~412~~532.00
   - With primary enclosure $~~3,553.00~~4,236.44

6. Duplex-family buildings, mobile homes, multiple occupancy buildings, three-phase high capacity extensions, lots requiring primary extensions thereon, excess transformer capacity above 8.5 KVA, etc. — Charge to be based on differential cost according to unit costs specified in Exhibits I through III

B. Additional Charges

4. Street Lights - SVL
   - 16 foot fiberglass pole with standard colonial post top luminaire ....$ ~~196~~365.00
   - 16 foot fiberglass pole with ornate colonial post top luminaire ....$1,~~036~~026.00
   - 30 foot fiberglass pole with cobra head luminaire on 6 foot bracket.........................$ ~~919~~1,126.00
   - 12 foot 9 inch ornate fiberglass pole with ornate colonial post top luminaire ....$2,~~216~~567.00
   - 12 foot 9 inch ornate fiberglass pole with acorn style post top luminaire ....$ ~~2,579~~3,234.00

   \- LED
   - 16 foot Fiberglass pole with colonial post top luminaire…………………………………$ 577.00
   - 30 foot fiberglass pole with Cobra Head…………………………………………………$1,164.00
   - 12 foot 9 inch ornate fiberglass pole with acorn style post top luminaire……………$2,118.00

5. Multi-Phase Construction $1.~~13~~28 per added phase per foot

6. Pavement cutting and restoration, rock removal, blasting, difficult digging, and special backfill — At actual low bid cost with option of Applicant to contract for as limited by NJAC

~~4. Alternate Service Location Charge <= 125 Ft 126-150 Ft > 150 Ft~~
~~With Applicant trenching $ 781.00 $ 966.00 not applicable~~
~~(Applicant provides 4" PVC conduits)~~

Note: All charges are subject to taxes as provided in Section 3.14.

Appendix A - Exhibit I - Unit Costs of Underground Construction
Single-Phase 15 kV

Item	Unit	Total Cost
~~1. Trenching – sole use~~	~~per foot~~	~~$ 18.10*~~
21. Primary cable 1/0 aluminum	per foot	3.~~09~~86
32. Secondary cable 3/0 aluminum	per foot	2.~~26~~48
350 MCM aluminum	per foot	~~4.28~~5.02
500 MCM aluminum	per foot	~~6.32~~8.09
750 MCM aluminum	per foot	~~9.53~~11.04
43. Service - 200 amp and below	per foot	2.~~26~~48
50 feet complete	each	~~593.35~~614.14
54. Primary termination - branch	each	1,~~186.67~~372.50
65. Primary junction enclosure - branch	each	2,~~141.74~~703.80
76. Secondary enclosure	each	~~461.91~~646.61
87. Conduit - 3 inch PVC	per foot	~~2.71~~3.94
Conduit ~~–~~- 4 inch PVC	per foot	~~3.78~~4.75
98. Street light cable - # 12 cu. duplex	per foot	2.~~27~~93
1~~0~~9. Transformers - including fiberglass pad		
25 kVa – single-phase	each	2,~~372~~616.27
50 kVa – single-phase	each	2,~~712.84~~921.40
75 kVa – single-phase	each	3,~~134.72~~305.99
100 kVa – single-phase	each	3,~~507.62~~680.90
167 kVa – single-phase	each	4,~~212.86~~386.08
25 kVa – single-phase Dual Voltage	each	~~2,657.30~~3,035.23
50 kVa – single-phase Dual Voltage	each	3,~~100.08~~299.85
75 kVa – single-phase Dual Voltage	each	4,~~027.74~~093.62
1~~1~~10. Street light poles		
16 foot post top fiberglass pole	each	~~414.78~~576.58
30 foot fiberglass pole	each	~~933.78~~1,163.74
12 foot 9 inch ornate fiberglass pole	each	~~1,594.42~~2,117.95
1~~2~~11. Street light luminaire – cobra head SVL	each	~~475.66~~ 539.26
1~~3~~ 12. Post top luminaire – SVL		
50, 70, 100 & 150 watt colonial style	each	~~270.92~~365.76
70 & 100 watt ornate colonial style	each	1,~~111.68~~026.42
70 & 100 watt ornate acorn style	each	1,~~475.19~~693.36
1~~4~~13. Primary splice – # 2 aluminum	each	~~133.85~~ 188.84

* ~~Joint trench calculation: 0.5 x 18.10 = $9.05~~

Note: All charges are subject to taxes as provided in Section 3.14.

Appendix A - Exhibit II - Unit Costs of Underground Construction
Three-Phase 15 kV

	Item	Unit	Total Cost
1.	Primary cable – three-phase main feeder	per foot	$ ~~20.63~~24.93
2.	Secondary cable - 4-wire 350 MCM aluminum	per foot	~~7.21~~8.60
3.	Service cable - 4-wire 350 MCM aluminum	per foot	~~7.62~~8.92
4.	Primary termination - main		
	# 2 aluminum three-phase	each	~~2,711.97~~3,365.54
	1000 MCM aluminum three-phase	each	~~3,979.00~~4,961.19
5.	Primary junction - main	each	~~3,866.48~~4,660.04
6.	Primary switch - main		
	PMH-9	each	~~24,893.62~~34,679.04
	PMH-10	each	~~23,973.64~~30,136.80
	PMH-11	each	~~25,170.07~~31,658.44
	PMH-12	each	~~29,774.23~~38,639.32
7.	Conduit - 5 inch PVC	per foot	5.~~01~~98
	- 6 inch PVC	per foot	~~5.77~~7.40
8.	Transformers - including concrete pad		
	75 kVa three-phase	each	~~5,371.11~~6,297.08
	150 kVa three-phase	each	6,~~860.58~~980.84
	300 kVa three-phase	each	8,~~264.49~~835.18
	500 kVa three-phase	each	10,~~688.83~~988.05
9.	Primary splice – 15 kV three-phase cable	each	~~340.30~~433.75

Note: All charges are subject to taxes as provided in Section 3.14.

Appendix A - Exhibit III - Unit Costs of Overhead Construction
Single and Three-Phase 15 kV

Item	Unit	Total Cost
1. Pole line (including 40 foot poles, anchors & guys)	per foot	$ ~~5.34~~6.56*
3. Primary wire		
Single-phase – branch	per foot	~~1.96~~2.58
Three-phase – main	per foot	~~9.82~~12.08
3. Primary wire - neutral	per foot	~~1.85~~2.42
4. Secondary cable		
Three-wire	per foot	~~4.07~~5.16
Four-wire	per foot	~~6.60~~8.45
5. Service		
Single-phase	each	~~196.00~~244.60
Single–phase - 200 amp and below	per foot	2.~~00~~49
Three-phase – up to 200 amp	per foot	~~3.09~~4.02
Three-phase – over 200 amp	per foot	~~5.20~~6.67
6. Transformers		
25 kVa – single-phase	each	1,~~358.02~~453.17
50 kVa – single-phase	each	1,~~715.76~~763.05
75 kVa – single-phase	each	2,~~471.51~~273.13
100 kVa – single-phase	each	2,~~693.43~~635.99
167 kVa – single-phase	each	3,~~625.21~~073.14
3- 25 kVa – three-phase	each	3,~~657.43~~818.97
3- 50 kVa – three-phase	each	4,~~730.65~~748.61
3- 75 kVa – three-phase	each	6,~~994.46~~404.91
3-100 kVa – three-phase	each	7,~~660.22~~481.49
3-167 kVa – three-phase	each	~~10,455.56~~8,792.94
7. Street light luminaire – cobra head SVL	each	~~490.13~~577.38

* Pole line cost to be used = $~~5.34~~6.56 / 2 = $~~2.67~~3.28

Note: All charges are subject to taxes as provided in Section 3.14.

Appendix A - Exhibit III - Unit Costs of Overhead Construction
Single and Three-Phase 15 kV

Item	Unit	Total Cost
8. Street light luminaire – LED – Contributions		
Monthly Contribution Fixture charge of $2.65		
30 W Cobra Head	each	358.38
50 W Cobra Head	each	354.88
90 W Cobra Head	each	403.55
130 W Cobra Head	each	492.97
260 W Cobra Head	each	694.22
50 W Acorn	each	1,295.80
90 W Acorn	each	1,243.30
50 W Colonial	each	619.38
90 W Colonial	each	793.88
Monthly Contribution Fixture charge of $4.24		
30 W Cobra Head	each	209.20
50 W Cobra Head	each	205.70
90 W Cobra Head	each	254.37
130 W Cobra Head	each	343.79
260 W Cobra Head	each	545.04
50 W Acorn	each	1,146.62
90 W Acorn	each	1,094.12
50 W Colonial	each	470.20
90 W Colonial	each	644.70

Note: All charges are subject to taxes as provided in Section 3.14.

Service Classification RS

Residential Service

3) Non-utility Generation Charge (Rider NGC)

See Rider NGC for **rate** per KWH for all KWH including Off-Peak/Controlled Water Heating

4) Societal Benefits Charge (Rider SBC):

See Rider SBC for rate per KWH for all KWH including Off-Peak/Controlled Water Heating

* Similar changes to Service Classification RT, RGT, GS, GST, GP, GT, OL, SVL, MVL, ISL and LED

Service Classification LED

LED Street Lighting Service

APPLICABLE TO USE OF SERVICE FOR: Service Classification LED is available for installation of 12 or more LED (light emitting diode) fixtures per request for series and multiple circuit street lighting Service operating on a standard illumination schedule of 4200 hours per year supplied from overhead or underground facilities along public streets and roadways, or for the extension of existing street lighting service on municipal or governmental properties (and parking areas at the option of the Company) where required by City, Town, County, State or other Municipal or Public Agency or by an incorporated association of local residents

CHARACTER OF SERVICE: LED lighting service is for limited period (dusk to dawn). Standard Service shall be supplied from existing lines, using the Company's standard fixtures and other appurtenances on existing wood distribution poles unrestricted as to their use by Company for purposes other than street lighting, on which existing wood distribution poles the required secondary voltage is present. The rating of the fixture in lumens is for identification and is intended to approximate the manufacturer's standard rating.

RATE PER BILLING MONTH (All charges include Sales and Use Tax as provided in Rider SUT):
(A) FIXTURE CHARGE:

COMPANY FIXTURES: Company Fixtures refer to fixtures installed by the Company in accordance with Standard Service and its specifications at its expense. Company Fixtures shall be owned, operated, maintained and serviced by the Company.

COMPANY FIXTURE

Lamp Wattage	Type	Lumens	Billing Month KWH*	Company Fixture
30	Cobra Head	2400	11	**$ 6.47**
50	Cobra Head	4000	18	**$ 6.37**
90	Cobra Head	7000	32	**$ 7.04**
130	Cobra Head	11500	46	**$ 8.38**
260	Cobra Head	24000	91	**$ 10.83**
50	Acorn	2500	18	**$ 15.25**
90	Acorn	5000	32	**$ 15.94**
50	Colonial	2500	18	**$ 8.72**
90	Colonial	5000	32	**$ 12.37**

CONTRIBUTION FIXTURES: Contribution Fixtures refer to fixtures installed by the Company in accordance with Standard Service and its specifications for which installation the customer has paid the Contributed Installation Cost. The Company provides two contribution levels for the Contributed Installation Cost, at the Customer's option, that have different corresponding monthly charges. Contribution Fixtures shall be owned, operated, maintained and serviced by the Company. Contribution Fixture service does not include or provide for the replacement of the fixture at failure or end of life. A contribution payment to JCP&L shall not give the customer any interest in the facilities, the ownership being vested exclusively in JCP&L.

Contributed Installation Cost: The Contributed Installation Cost, per fixture, shall be equal to the cost shown on Tariff Part II, Appendix A – Exhibit III, for Street Light Luminaire, which costs are subject to gross-up for applicable income taxes.

Service Classification LED

LED Street Lighting Service

CONTRIBUTION FIXTURE (a)

Fixture Wattage	Type	Lumens	Billing Month KWH*	Fixture Charge	Contribution Fixture (a)
30	Cobra Head	2400	11	$ 2.65	$ 358.38
50	Cobra Head	4000	18	$ 2.65	$ 354.88
90	Cobra Head	7000	32	$ 2.65	$ 403.55
130	Cobra Head	11500	46	$ 2.65	$ 492.97
260	Cobra Head	24000	91	$ 2.65	$ 694.22
50	Acorn	2500	18	$ 2.65	$1,295.80
90	Acorn	5000	32	$ 2.65	$1,243.30
50	Colonial	2500	18	$ 2.65	$ 619.38
90	Colonial	5000	32	$ 2.65	$ 793.88

CONTRIBUTION FIXTURE (b)

Fixture Wattage	Type	Lumens	Billing Month KWH*	Fixture Charge	Contribution Fixture (b)
30	Cobra Head	2400	11	$ 4.24	$ 209.20
50	Cobra Head	4000	18	$ 4.24	$ 205.70
90	Cobra Head	7000	32	$ 4.24	$ 254.37
130	Cobra Head	11500	46	$ 4.24	$ 343.79
260	Cobra Head	24000	91	$ 4.24	$ 545.04
50	Acorn	2500	18	$ 4.24	$1,146.62
90	Acorn	5000	32	$ 4.24	$1,094.12
50	Colonial	2500	18	$ 4.24	$ 470.20
90	Colonial	5000	32	$ 4.24	$ 644.70

* Based on standard illumination schedule of 4200 hours per year. Billing Month KWH is calculated to the nearest whole KWH based on the wattage of the fixture, times the fixture's annual burning hours per year, divided by 12 months per year, divided by 1000 watts per KWH.

(B) KWH CHARGES: The following charges apply to all Billing Month KWH and to all billing months (January through December). All charges are applicable to Full Service Customers. All charges, excluding Basic Generation Service (default service), are applicable to Delivery Service Customers.

BASIC GENERATION SERVICE (default service):

1) **BGS Energy and Reconciliation Charges as provided in Rider BGS-RSCP (Basic Generation Service – Residential Small Commercial Pricing)** (formerly Rider BGS-FP)
2) **Transmission Charge: $0.000000** per KWH

DELIVERY SERVICE (Distribution Charge includes Corporation Business Tax as provided in Rider CBT):

1) **Distribution Charge: $0.046032** per KWH
2) **Non-utility Generation Charge (Rider NGC): See Rider NGC for rate** per KWH
3) **Societal Benefits Charge (Rider SBC): See Rider SBC for rate** per KWH
4) **RGGI Recovery Charge (Rider RRC): See Rider RRC for rate** per KWH
5) **Zero Emission Certificate Recovery Charge (Rider ZEC): See Rider ZEC for rate** per KWH
6) **Tax Act Adjustment (Rider TAA): See Rider TAA for rate** per KWH
7) **JCP&L Reliability Plus Charge (Rider RP): See Rider RP for rate** per Fixture

Service Classification LED

LED Street Lighting Service

TERM OF CONTRACT: Fifteen years for each fixture installation and thereafter on a monthly basis. Where special circumstances apply or special or unusual facilities are supplied, contracts of more than fifteen years may be required. Service which is terminated before the end of the contract term shall be billed the total of 1) the fixture's monthly Fixture Charge plus 2) the per KWH Distribution Charge applicable to the fixture's Billing Month KWH, times the remaining months of the contract term.

TERMS OF PAYMENT: Bills are due when rendered by the Company and become overdue when payment is not received by the Company on or before the due date specified on the bill. Overdue bills thereafter become subject to a late payment charge as described in Section 3.19, Part II.

MISCELLANEOUS:
Non-Standard Installations: Where the installation of additional facilities, including, but not limited to: poles, wire, transformers, and brackets, is required to provide service to a fixture, Customers shall be responsible for payment of a non-refundable Contribution in Aid of Construction determined under Appendix A charges (see Tariff Part II) when applicable, or otherwise under billing work order costs estimates, which costs are subject to gross-up for applicable income taxes.

(a) Changes in Fixture Wattage, Type or Location: Customers will be required to pay the cost for relocation, changes in fixture wattage, fixture type, color (Kelvin temperature) and conversion from an LED light source to another when the age of the fixture is less than 15 years. These costs will include removal cost less salvage and installation cost of the fixture. Except for relocations, the cost will also include the remaining net book value of the existing fixture and, in the case of Contribution Fixtures, payment of the Contributed Installation Cost.

i) Installation of a new fixture at the same location of the removal of an existing fixture within 12 months will be considered a replacement of the existing fixture and will be subject to charges including the removal cost less salvage for the fixture removed, the installation cost of the new fixture and, if applicable, any Contribution Installation Cost.

ii) LED conversions of sodium vapor, mercury vapor or incandescent fixtures shall be scheduled at the Company's reasonable discretion. JCP&L reserves the right to limit the number of fixtures conversions in any year to no more than 5% of the total fixtures served at the end of the previous year.

(b) Traffic Control: The Municipality will be responsible for providing and paying the costs of police assistance when deemed necessary by local authorities. The Company will provide basic traffic control (flaggers) at no cost to the Municipality. When traffic control (flagging) labor hours exceed construction labor hours (considered non-basic traffic control) the Municipality will be responsible for paying the differential in costs between basic and non-basic traffic control. The Municipality will also be responsible for all fees associated with required permitting.

(c) Seasonal Service: Such Service will be rendered when the cost of disconnection and reconnection is paid by the customer. During such months of disconnection, the Billing Month KWH for the fixture will be zero. Only the monthly Fixture Charge and a seasonal Distribution Charge will be billed (i.e., Basic Generation Service and other Delivery Service charges will not be billed) during such months of disconnection. The seasonal Distribution Charge will be equal to the Billing Month KWH for the light on a standard illumination schedule, times the per KWH Distribution Charge.

(d) General: The Company reserves the right to modify from time to time its specifications relating to street lighting equipment and its installation in order to meet changing conditions. Installations subject to vandalism may be removed at the option of the Company, unless such maintenance costs are provided by the customer.

Service Classification LED

LED Street Lighting Service

MISCELLANEOUS: (Continued)

Retrofitting of existing, non-LED street lighting: Where requested, the following shall be implemented on an interim basis, pending the resolution of the Board's current stakeholder proceeding addressing LED street lighting issues:

Option 1:

Upon failure, which shall be determined in the Company's sole discretion, and at the Customer's direction, which direction shall be set forth in an LED Replacement Agreement, the Company will replace a non-LED streetlight luminaire with an LED streetlight luminaire.

Option 2:

Where Customer requests replacement of existing non-LED streetlight luminaire with an LED streetlight luminaire, prior to its failure, the Customer is responsible for a one-time payment of the estimated average undepreciated luminaire cost (i.e., net book value) of the existing non-LED streetlight luminaire as set forth in the table below, prior to installation of the replacement LED streetlight.

Option 3:

Where Customer requests replacement of existing non-LED streetlight luminaire with an LED streetlight luminaire, prior to its failure, the Customer shall enter into a Payment Agreement with the Company and shall be responsible for payment for the estimated average undepreciated non-LED luminaire cost (i.e., net book value) of the existing non-LED streetlight luminaire in equal payments over a 60-month period, as set forth in the table below. In the event of termination of service under this Schedule, for any reason prior to the expiration of the Payment Agreement, prior to termination of service, the Customer shall pay to the Company any and all amounts due under the Payment Agreement and all costs associated with removal of the LED streetlights.

LED Streetlight – Stranded Costs

SVL

	Option #2 One-time Payment	**Option #3 Equal Payment 60-month Period**
Cobra Head	$352	$7.36
Acorn	$861	$18.01
Colonial	$493	$10.31

MVL

	Option #2 One-time Payment	**Option #3 Equal Payment 60-month Period**
Cobra Head	$201	$4.21
Acorn	$509	$10.65
Colonial	$287	$6.00

ADDITIONAL MODIFYING RIDER: This Service Classification may also be modified for other Rider(s) subject to each Rider's applicability, as specified.

STANDARD TERMS AND CONDITIONS: This Service Classification is subject to the Standard Terms and Conditions of this Tariff for Service.

Service Classification RS

Residential Service

3) Non-utility Generation Charge (Rider NGC~~): (~~)
~~See Rider~~ NGC for ~~any applicable St. Lawrence Hydroelectric Power credit)~~
~~$0.000114~~rate per KWH for all KWH including Off-Peak/Controlled Water Heating

4) Societal Benefits Charge (Rider SBC):
~~$0.007178~~See Rider SBC for rate per KWH for all KWH including Off-Peak/Controlled Water Heating

* Similar changes to Service Classification RT, RGT, GS, GST, GP, GT, OL, SVL, MVL, ISL and LED

Service Classification LED

LED Street Lighting Service

APPLICABLE TO USE OF SERVICE FOR: Service Classification LED is available for installation of 12 or more LED (light emitting diode) fixtures per request for series and multiple circuit street lighting Service operating on a standard illumination schedule of 4200 hours per year supplied from overhead or underground facilities ~~on streets and roads~~ along public streets and roadways, or for the extension of existing street lighting service on municipal or governmental properties (and parking areas at the option of the Company) where required by City, Town, County, State or other Municipal or Public Agency or by an incorporated association of local residents~~.~~

~~LED conversions of sodium vapor, mercury vapor or incandescent street lights shall be scheduled at the Company's reasonable discretion.~~

CHARACTER OF SERVICE: LED lighting service is for limited period (dusk to dawn~~) at~~). Standard Service shall be supplied from existing lines, using the Company's standard fixtures and other appurtenances on existing wood distribution poles unrestricted as to their use by Company for purposes other than street lighting, on which existing wood distribution poles the required secondary voltage~~.~~ is present. The rating of the fixture in lumens is for identification and is intended to approximate the manufacturer's standard rating.

RATE PER BILLING MONTH (All charges include Sales and Use Tax as provided in Rider SUT):
(A) FIXTURE CHARGE:

COMPANY FIXTURES: Company Fixtures refer to fixtures installed by the Company in accordance with Standard Service and its specifications at its expense. Company Fixtures shall be owned, operated, maintained and serviced by the Company.

COMPANY FIXTURE

Lamp Wattage	Type	Lumens	Billing Month KWH*	Company Fixture
30	Cobra Head	2400	11	**$ 6.47**
50	Cobra Head	4000	18	**$ 6.37**
90	Cobra Head	7000	32	**$ 7.04**
130	Cobra Head	11500	46	**$ 8.38**
260	Cobra Head	24000	91	**$ 10.83**
50	Acorn	2500	18	**$ 15.25**
90	Acorn	5000	32	**$ 15.94**
50	Colonial	2500	18	**$ 8.72**
90	Colonial	5000	32	**$ 12.37**

CONTRIBUTION FIXTURES: Contribution Fixtures refer to fixtures installed by the Company in accordance with Standard Service and its specifications for which installation the customer has paid the Contributed Installation Cost. The Company provides two contribution levels for the Contributed Installation Cost, at the Customer's option, that have different corresponding monthly charges. Contribution Fixtures shall be owned, operated, maintained and serviced by the Company. Contribution Fixture service does not include or provide for the replacement of the fixture at failure or end of life. A contribution payment to JCP&L shall not give the customer any interest in the facilities, the ownership being vested exclusively in JCP&L.

Contributed Installation Cost: The Contributed Installation Cost, per fixture, shall be equal to the cost shown on Tariff Part II, Appendix A – Exhibit III, for Street Light Luminaire, which costs are subject to gross-up for applicable income taxes.

Service Classification LED

LED Street Lighting Service

CONTRIBUTION FIXTURE (a)

Fixture Wattage	Type	Lumens	Billing Month KWH*	Fixture Charge	Contribution Fixture (a)
30	Cobra Head	2400	11	$ 2.65	$ 358.38
50	Cobra Head	4000	18	$ 2.65	$ 354.88
90	Cobra Head	7000	32	$ 2.65	$ 403.55
130	Cobra Head	11500	46	$ 2.65	$ 492.97
260	Cobra Head	24000	91	$ 2.65	$ 694.22
50	Acorn	2500	18	$ 2.65	$1,295.80
90	Acorn	5000	32	$ 2.65	$1,243.30
50	Colonial	2500	18	$ 2.65	$ 619.38
90	Colonial	5000	32	$ 2.65	$ 793.88

CONTRIBUTION FIXTURE (b)

Fixture Wattage	Type	Lumens	Billing Month KWH*	Fixture Charge	Contribution Fixture (b)
30	Cobra Head	2400	11	$ 4.24	$ 209.20
50	Cobra Head	4000	18	$ 4.24	$ 205.70
90	Cobra Head	7000	32	$ 4.24	$ 254.37
130	Cobra Head	11500	46	$ 4.24	$ 343.79
260	Cobra Head	24000	91	$ 4.24	$ 545.04
50	Acorn	2500	18	$ 4.24	$1,146.62
90	Acorn	5000	32	$ 4.24	$1,094.12
50	Colonial	2500	18	$ 4.24	$ 470.20
90	Colonial	5000	32	$ 4.24	$ 644.70

* Based on standard illumination schedule of 4200 hours per year. Billing Month KWH is calculated to the nearest whole KWH based on the ~~lamp~~ wattage of the ~~light~~fixture, times the ~~light's~~fixture's annual burning hours per year, divided by 12 months per year, divided by 1000 watts per KWH.

(B) KWH CHARGES: The following charges apply to all Billing Month KWH and to all billing months (January through December). All charges are applicable to Full Service Customers. All charges, excluding Basic Generation Service (default service), are applicable to Delivery Service Customers.

BASIC GENERATION SERVICE (default service):

3) **BGS Energy and Reconciliation Charges as provided in Rider BGS-RSCP (Basic Generation Service – Residential Small Commercial Pricing)** (formerly Rider BGS-FP)
4) **Transmission Charge: $0.000000** per KWH

DELIVERY SERVICE (Distribution Charge includes Corporation Business Tax as provided in Rider CBT):

8) **Distribution Charge: $0.046032** per KWH
9) **Non-utility Generation Charge (Rider NGC): ~~$0.000114~~See Rider NGC for rate** per KWH
10) **Societal Benefits Charge (Rider SBC): ~~$0.007178~~See Rider SBC for rate** per KWH
11) **RGGI Recovery Charge (Rider RRC): See Rider RRC for rate** per KWH
12) **Zero Emission Certificate Recovery Charge (Rider ZEC): See Rider ZEC for rate** per KWH
13) **Tax Act Adjustment (Rider TAA): See Rider TAA for rate** per KWH
14) **JCP&L Reliability Plus Charge (Rider RP): See Rider RP for rate** per Fixture

Service Classification LED

LED Street Lighting Service

TERM OF CONTRACT: ~~Ten~~Fifteen years for each ~~Company~~ fixture installation and thereafter on a monthly basis. Where special circumstances apply or special or unusual facilities are supplied, contracts of more than ~~ten~~fifteen years may be required. Service which is terminated before the end of the contract term shall be billed the total of 1) the ~~light's~~fixture's monthly Fixture Charge plus 2) the per KWH Distribution Charge applicable to the ~~light's~~fixture's Billing Month KWH, times the remaining months of the contract term. ~~Restoration of Service to lamps before the end of the contract term shall be made at the expense of the customer.~~

TERMS OF PAYMENT: Bills are due when rendered by the Company and become overdue when payment is not received by the Company on or before the due date specified on the bill. Overdue bills thereafter become subject to a late payment charge as described in Section 3.19, Part II.

MISCELLANEOUS:

~~**(a) Company Fixtures:** Company Fixtures refer to all street lighting equipment~~**Non-Standard Installations:** Where the installation of additional facilities, including, but not limited to: poles, wire, transformers, and brackets ~~and luminaires installed by the Company at its expense in accordance with its standard specifications, and all other equipment necessary in rendering the~~ , is required ~~Service installed on wood distribution poles or Street Light Poles. Company Fixtures~~to provide service to a fixture, Customers shall be ~~owned, operated, maintained and serviced by the Company.~~

~~**(b) Street Light Poles:** Street Light Poles are defined as poles installed~~responsible for ~~street lighting purposes which are not "standard wood distribution-type poles." These street light poles are typically used for underground distribution applications, and would include aluminum, laminated wood and fiberglass poles. Street Light Poles are installed only upon~~ payment of a non-refundable Contribution ~~determined under Appendix A (See Tariff Part II) charges when applicable, or otherwise under fixed-price billing work order costs. Street Light Poles which have previously been installed at the Company's cost shall be billed at the monthly Street Light Pole Charge set forth below, or the customer may make a payment equivalent to the current installed cost of a similar pole. Street light poles may be provided on private property roadways and associated parking areas, such as apartment building and townhouse complexes. Wood distribution-type poles typically required for street light installations served from overhead distribution facilities shall be considered as distribution poles rather than street light poles. When such poles include the mounting~~in Aid of ~~street lighting fixtures provided under this Service Classification, they shall be considered as "fixture-poles" and will be installed, with their associated street lighting wire, without charge to the customer. "Span-poles," which are installed to carry wire to "fixture-poles," shall be installed with their associated wire only upon payment of a non-refundable contribution~~Construction determined under Appendix A charges (see Tariff Part II) when applicable, or otherwise under billing work order ~~cost estimates. Both fixture-poles and span-poles are installed only along public roadways, or for the extension of existing street lighting service on municipal or governmental properties~~costs estimates, which costs are subject to gross-up for applicable income taxes.

~~**(c) Street Light Pole Charge:** Where the Company has installed, at its cost, a pole other than a wood distribution pole for a lamp fixture, a per Billing Month Pole Charge of **$7.94** shall be added to the Fixture Charge specified. Such charge shall not be applicable to a Street Light Pole which has had its installation cost paid for by the customer.~~

(a) Changes in Fixture Wattage, Type or Location: Customers will be required to pay the cost for relocation, changes in fixture wattage, fixture type, color (Kelvin temperature) and conversion from an LED light source to another when the age of the fixture is less than 15 years. These costs will include removal cost less salvage and installation cost of the fixture. Except for relocations, the cost will also include the remaining net book value of the existing fixture and, in the case of Contribution Fixtures, payment of the Contributed Installation Cost.

iii) Installation of a new fixture at the same location of the removal of an existing fixture within 12 months will be considered a replacement of the existing fixture and will be subject to charges including the removal cost less salvage for the fixture removed, the installation cost of the new fixture and, if applicable, any Contribution Installation Cost.

iv) LED conversions of sodium vapor, mercury vapor or incandescent fixtures shall be scheduled at the Company's reasonable discretion. JCP&L reserves the right to limit the number of fixtures conversions in any year to no more than 5% of the total fixtures served at the end of the previous year.

(b) Traffic Control: The Municipality will be responsible for providing and paying the costs of police assistance when deemed necessary by local authorities. The Company will provide basic traffic control (flaggers) at no cost to the Municipality. When traffic control (flagging) labor hours exceed construction labor hours (considered non-basic traffic control) the Municipality will be responsible for paying the differential in costs between basic and non-basic traffic control. The Municipality will also be responsible for all fees associated with required permitting.

(c) Seasonal Service: Such Service will be rendered when the cost of disconnection and reconnection is paid by the customer. During such months of disconnection, the Billing Month KWH for the fixture will be zero. Only the monthly Fixture Charge and a seasonal Distribution Charge will be billed (i.e., Basic Generation Service and other Delivery Service charges will not be billed) during such months of disconnection. The seasonal Distribution Charge will be equal to the Billing Month KWH for the light on a standard illumination schedule, times the per KWH Distribution Charge.

(d) General: The Company reserves the right to modify from time to time its specifications relating to street lighting equipment and its installation in order to meet changing conditions. Installations subject to vandalism may be removed at the option of the Company, unless such maintenance costs are provided by the customer.

Service Classification LED

LED Street Lighting Service

MISCELLANEOUS: (Continued)

Retrofitting of existing, non-LED street lighting: Where requested, the following shall be implemented on an interim basis, pending the resolution of the Board's current stakeholder proceeding addressing LED street lighting issues:

Option 1:

Upon failure, which shall be determined in the Company's sole discretion, and at the Customer's direction, which direction shall be set forth in an LED Replacement Agreement, the Company will replace a non-LED streetlight luminaire with an LED streetlight luminaire.

Option 2:

Where Customer requests replacement of existing non-LED streetlight luminaire with an LED streetlight luminaire, prior to its failure, the Customer is responsible for a one-time payment of the estimated average undepreciated luminaire cost (i.e., net book value) of the existing non-LED streetlight luminaire as set forth in the table below, prior to installation of the replacement LED streetlight.

Option 3:

Where Customer requests replacement of existing non-LED streetlight luminaire with an LED streetlight luminaire, prior to its failure, the Customer shall enter into a Payment Agreement with the Company and shall be responsible for payment for the estimated average undepreciated non-LED luminaire cost (i.e., net book value) of the existing non-LED streetlight luminaire in equal payments over a 60-month period, as set forth in the table below. In the event of termination of service under this Schedule, for any reason prior to the expiration of the Payment Agreement, prior to termination of service, the Customer shall pay to the Company any and all amounts due under the Payment Agreement and all costs associated with removal of the LED streetlights.

LED Streetlight – Stranded Costs

SVL

	Option #2 One-time Payment	**Option #3 Equal Payment 60-month Period**
Cobra Head	$352	$7.36
Acorn	$861	$18.01
Colonial	$493	$10.31

MVL

	Option #2 One-time Payment	**Option #3 Equal Payment 60-month Period**
Cobra Head	$201	$4.21
Acorn	$509	$10.65
Colonial	$287	$6.00

ADDITIONAL MODIFYING RIDER: This Service Classification may also be modified for other Rider(s) subject to each Rider's applicability, as specified.

STANDARD TERMS AND CONDITIONS: This Service Classification is subject to the Standard Terms and Conditions of this Tariff for Service.

Attachment 3

Confidential For Settlement Purposes Only

Exhibit JC-12
Schedule YP - 1 (12+0)

Jersey Central Power & Light Company
Summary of Distribution Revenue Requirement Changes and Classified Revenue Requirements

	TOTAL	RS	RT	GS	GST	GP	GT	LTG
RATE CHANGE REQUESTED								
REVENUE CHANGE	**$94,000,000**	**$53,435,210**	**$1,005,233**	**$29,543,292**	**$1,806,579**	**$3,788,642**	**$2,861,464**	**$1,559,581**
% REVENUE INCREASE / (DECREASE)	17.4%	18.5%	16.5%	17.0%	17.4%	15.7%	15.7%	8.7%
REQUESTED RATE OF RETURN								
PROPOSED UNITIZED RATE OF RETURN								
CUSTOMER								
DISTRIBUTION TARIFF REVENUE	**$57,777,934**	**$37,735,435**	**$1,178,574**	**$10,198,471**	**$169,437**	**$2,367,805**	**$6,128,212**	**$0**
DEMAND								
DISTRIBUTION TARIFF REVENUE	**$471,797,663**	**$253,350,409**	**$4,718,862**	**$155,735,705**	**$9,373,563**	**$18,574,505**	**$11,102,133**	**$18,942,486**
ENERGY								
DISTRIBUTION TARIFF REVENUE	**$104,817,002**	**$51,694,293**	**$1,189,218**	**$37,789,560**	**$2,652,762**	**$7,040,955**	**$3,909,961**	**$540,252**
TOTAL								
DISTRIBUTION TARIFF REVENUE	**$634,392,599**	**$342,780,137**	**$7,086,655**	**$203,723,737**	**$12,195,762**	**$27,983,265**	**$21,140,306**	**$19,482,738**

Confidential For Settlement Purposes Only

Exhibit JC-12
Schedule YP - 2 (12+0)

Jersey Central Power & Light Company
Summary
Proof of Cost of Service Distribution Tariff Revenue to Proposed Distribution Rates

Rate Class		COSS Distribution Tariff Revenue (1) (a)	Proposed Distribution Revenue Charges: Customer (b)	kWh Dist. (c)	Demand (d)	Total (f)=(b)+(c)+(d)+(e)	Revenue Delta (g)=(f)-(a)	Per kWh Delta
RS	Distribution							
	Customer	$37,735,435	$36,251,498	$1,481,935	$0	$37,733,433		
	Demand	$253,350,409	$0	$253,350,409	$0	$253,350,409		
	Energy	$51,694,293	$0	$51,694,293	$0	$51,694,293		
	Total	$342,780,137	$36,251,498	$306,526,637	$0	$342,778,135	-$2,002	-0.0000002
RT & RGT	Distribution							
	Customer	$1,178,574	$1,178,908	-$315	$0	$1,178,593		
	Demand	$4,718,862	$0	$4,718,862	$0	$4,718,862		
	Energy	$1,189,218	$0	$1,189,218	$0	$1,189,218		
	Total	$7,086,655	$1,178,908	$5,907,765	$0	$7,086,673	$18	0.0000001
GS	Distribution							
	Customer	$10,198,471	$12,234,717	-$2,036,246	$0	$10,198,471		
	Demand	$155,735,705	$0	$46,209,706	$109,525,999	$155,735,705		
	Energy	$37,789,560	$0	$37,790,582	$0	$37,790,582		
	Total	$203,723,737	$12,234,717	$81,964,042	$109,525,999	$203,724,758	$1,021	0.0000002
GST	Distribution							
	Customer	$169,437	$111,352	$58,085	$0	$169,437		
	Demand	$9,373,563	$0	-$321,460	$9,695,023	$9,373,563		
	Energy	$2,652,762	$0	$2,652,631	$0	$2,652,631		
	Total	$12,195,762	$111,352	$2,389,256	$9,695,023	$12,195,631	-$131	-0.0000003
GP	Distribution							
	Customer	$2,367,805	$289,247	$2,078,558	$0	$2,367,805		
	Demand	$18,574,505	$0	-$3,436,851	$22,011,356	$18,574,505		
	Energy	$7,040,955	$0	$7,041,294	$0	$7,041,294		
	Total	$27,983,265	$289,247	$5,683,001	$22,011,356	$27,983,604	$339	0.0000002
GT	Distribution							
	Customer	$6,128,212	$499,839	$5,628,373	$0	$6,128,212		
	Demand	$11,102,133	$0	-$5,456,471	$16,558,604	$11,102,133		
	Energy	$3,909,961	$0	$3,910,284	$0	$3,910,284		
	Total	$21,140,306	$499,839	$4,082,186	$16,558,604	$21,140,629	$323	0.0000002
Lighting	Distribution		Fixtures	Misc.	kWh			
	Total	$19,482,738	$13,609,819	$403,177	$5,469,712	$19,482,708	-$30	-0.0000003
Total	Customer	$57,777,934	$50,565,561	$7,210,390	$0	$57,775,951		
	Demand	$452,855,177	$0	$295,064,195	$157,790,982	$452,855,177		
	Energy	$104,276,749	$0	$104,278,302	$0	$104,278,302		
	Lighting Total	$19,482,738	$13,609,819	$403,177	$5,469,712	$19,482,708		
	Total	$634,392,599	$64,175,380	$406,956,064	$163,260,694	$634,392,138	-$461	0.0000000

(1) Source: Exhibit JC-11, Schedule SRZ - 2 (12+0)

Jersey Central Power & Light Company

Summary Proof of Revenues

Based on 2019/2020 12+0 Weather Normalized Billing Determinants (Excludes SUT)

Revenue at Proposed Rates Effective TBD

Rate Class	NGC	Distr.	Transmission	SBC	ZEC	RRC	TAA	BGS	Total
RS	$696,652	$342,778,135	$113,442,839	$61,091,751	$37,154,782	$0	-$2,703,010	$683,975,721	$1,236,436,870
RT/RGT	$15,008	$7,086,673	$2,443,764	$1,316,026	$800,381	$0	-$57,628	$15,691,883	$27,296,107
GS	$695,134	$203,724,758	$79,342,716	$42,727,999	$25,986,315	$0	-$1,669,621	$489,810,231	$840,617,532
GST	$53,073	$12,195,631	$6,057,780	$3,262,263	$1,984,043	$0	-$99,202	$30,783,659	$54,237,247
GP	$168,625	$27,983,604	$13,187,487	$10,873,022	$6,612,755	$0	-$238,059	$90,143,260	$148,730,694
GT	$170,048	$21,140,629	$11,401,496	$12,547,200	$7,630,956	$0	-$165,973	$97,092,698	$149,817,054
Lighting	$12,465	$19,482,708	$0	$766,178	$465,974	$0	-$171,245	$6,183,012	$26,739,092
Total	$1,811,005	$634,392,138	$225,876,082	$132,584,439	$80,635,206	$0	-$5,104,738	$1,413,680,464	$2,483,874,596

Change in Revenue from Current Rates to Proposed Rates Effective TBD

Rate Class	NGC	Distr.	Transmission	SBC	ZEC	RRC	TAA	BGS	Total
RS	$0	$53,433,208	$0	$0	$0	$0	$0	$0	$53,433,208
RT/RGT	$0	$1,005,251	$0	$0	$0	$0	$0	$0	$1,005,251
GS	$0	$29,544,313	$0	$0	$0	$0	$0	$0	$29,544,313
GST	$0	$1,806,448	$0	$0	$0	$0	$0	$0	$1,806,448
GP	$0	$3,788,981	$0	$0	$0	$0	$0	$0	$3,788,981
GT	$0	$2,861,787	$0	$0	$0	$0	$0	$0	$2,861,787
Lighting	$0	$1,559,551	$0	$0	$0	$0	$0	$0	$1,559,551
Total	$0	$93,999,539	$0	$0	$0	$0	$0	$0	$93,999,539

Percentage Change in Revenue from Current Rates to Proposed Rates Effective TBD

Rate Class	NGC	Distr.	Transmission	SBC	ZEC	RRC	SRC	BGS	Total
RS	0.0%	4.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	4.5%
RT/RGT	0.0%	3.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.8%
GS	0.0%	3.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.6%
GST	0.0%	3.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.4%
GP	0.0%	2.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.6%
GT	0.0%	1.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.9%
Lighting	0.0%	6.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	6.2%
Total	0.0%	3.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.9%

Confidential For Settlement Purposes Only

Jersey Central Power & Light Company

Based on 2019/2020 12+0 Weather Normalized Billing Determinants (Excludes SUT)

Residential Service (RS)

Including SUT
Staff Requested=> $3.25

Description of Charge	Weather Normalized 2019/2020 12+0 Units (a)	Current Rates {1} (b)	Revenue Based on Current Rates (c) = (a) x (b)	Description of Charge	Weather Normalized 2019/2020 12+0 Units (d)	Proposed Rates {2} (e)	Revenue Based on Proposed Rates (f) = (d) x (e)	Change in Revenue (g) = (f) - (c)	Percentage Change in Revenue (h) = (g) / (c)
Customer Charges				Customer Charges					
1 Standard Customer Charge	11,849,398	$2.61	$30,926,929	1 Standard Customer Charge	11,849,398	$3.05	$36,140,664	$5,213,735	16.9%
2 Supplemental OPWH {3}	29,540	$1.36	$40,174	2 Supplemental OPWH {3}	29,540	$1.59	$46,969	$6,795	16.9%
3 Supplemental CTWH {3}	40,167	$1.36	$54,627	3 Supplemental CTWH {3}	40,167	$1.59	$63,865	$9,238	16.9%
4 Total Customer Charges	11,849,398		$31,021,730	4 Total Customer Charges	11,849,398		$36,251,498	$5,229,768	16.9%
NGC per kWh Charges				NGC per kWh Charges					
5 Summer kWh 0 - 600	1,987,017,749	$0.000075	$149,026	5 Summer kWh 0 - 600	1,987,017,749	$0.000075	$149,026	$0	0.0%
6 Summer kWh > 600	1,850,276,342	$0.000075	$138,771	6 Summer kWh > 600	1,850,276,342	$0.000075	$138,771	$0	0.0%
7 Winter All kWh	5,443,868,080	$0.000075	$408,290	7 Winter All kWh	5,443,868,080	$0.000075	$408,290	$0	0.0%
8 Summer OPWH kWh	922,015	$0.000075	$69	8 Summer OPWH kWh	922,015	$0.000075	$69	$0	0.0%
9 Winter OPWH kWh	2,136,023	$0.000075	$160	9 Winter OPWH kWh	2,136,023	$0.000075	$160	$0	0.0%
10 Summer CTWH kWh	1,276,421	$0.000075	$96	10 Summer CTWH kWh	1,276,421	$0.000075	$96	$0	0.0%
11 Winter CTWH kWh	3,198,932	$0.000075	$240	11 Winter CTWH kWh	3,198,932	$0.000075	$240	$0	0.0%
12 Total NGC Charges	9,288,695,562		$696,652	12 Total NGC Charges	9,288,695,562		$696,652	$0	0.0%
SBC per kWh Charges				SBC per kWh Charges					
13 All kWh	9,288,695,562	$0.006577	$61,091,751	13 All kWh	9,288,695,562	$0.006577	$61,091,751	$0	0.0%
Distribution per kWh Charges				Distribution per kWh Charges					
14 Summer kWh 1 to 600	1,987,017,749	$0.014169	$28,154,054	14 Summer kWh 1 to 600	1,987,017,749	$0.016813	$33,407,729	$5,253,675	18.7%
15 Summer kWh > 600	1,850,276,342	$0.056031	$103,672,834	15 Summer kWh > 600	1,850,276,342	$0.066487	$123,019,323	$19,346,489	18.7%
16 Winter kWh - All Non WH kWh	5,443,868,080	$0.023211	$126,357,622	16 Winter kWh - All Non WH kWh	5,443,868,080	$0.027542	$149,935,015	$23,577,393	18.7%
17 Summer OPWH kWh	922,015	$0.015491	$14,283	17 Summer OPWH kWh	922,015	$0.018382	$16,948	$2,665	18.7%
18 Winter OPWH kWh	2,136,023	$0.015491	$33,089	18 Winter OPWH kWh	2,136,023	$0.018382	$39,264	$6,175	18.7%
19 Summer CTWH kWh	1,276,421	$0.020404	$26,044	19 Summer CTWH kWh	1,276,421	$0.024212	$30,905	$4,861	18.7%
20 Winter CTWH kWh	3,198,932	$0.020404	$65,271	20 Winter CTWH kWh	3,198,932	$0.024212	$77,453	$12,182	18.7%
21 Total Distribution kWh Charges	9,288,695,562		$258,323,197	21 Total Distribution kWh Charges	9,288,695,562		$306,526,637	$48,203,440	18.7%
BGS per kWh Charges				BGS per kWh Charges					
22 Summer - 0 to 600 kWh	1,987,017,749	$0.067166	$133,460,034	22 Summer - 0 to 600 kWh	1,987,017,749	$0.067166	$133,460,034	$0	0.0%
23 Summer - Over 600 kWh	1,850,276,342	$0.075818	$140,284,252	23 Summer - Over 600 kWh	1,850,276,342	$0.075818	$140,284,252	$0	0.0%
24 Winter-Non-Water Heating kWh	5,443,868,080	$0.075247	$409,634,741	24 Winter-Non-Water Heating kWh	5,443,868,080	$0.075247	$409,634,741	$0	0.0%
25 Summer-OPWH & CTWH kWh	2,198,436	$0.080727	$177,473	25 Summer-OPWH & CTWH kWh	2,198,436	$0.080727	$177,473	$0	0.0%
26 Winter-OPWH & CTWH kWh	5,334,955	$0.078580	$419,221	26 Winter-OPWH & CTWH kWh	5,334,955	$0.078580	$419,221	$0	0.0%
27 Total BGS Charges	9,288,695,562		$683,975,721	27 Total BGS Charges	9,288,695,562		$683,975,721	$0	0.0%
Transmission per kWh Charges				Transmission per kWh Charges					
28 All Non-Water Heating kWh	9,281,162,171	$0.012213	$113,350,834	28 All Non-Water Heating kWh	9,281,162,171	$0.012213	$113,350,834	$0	0.0%
29 OPWH & CTWH kWh	7,533,391	$0.012213	$92,005	29 OPWH & CTWH kWh	7,533,391	$0.012213	$92,005	$0	0.0%
30 Total Transmission Charges	9,288,695,562		$113,442,839	30 Total Transmission Charges	9,288,695,562		$113,442,839	$0	0.0%
ZEC Recovery Charges				ZEC Recovery Charges					
31 All kWh	9,288,695,562	$0.004000	$37,154,782	31 All kWh	9,288,695,562	$0.004000	$37,154,782	$0	0.0%
RGGI Recovery Charge				RGGI Recovery Charge					
32 All kWh	9,288,695,562	$0.000000	$0	32 All kWh	9,288,695,562	$0.000000	$0	$0	#DIV/0!
Tax Act djustment				Tax Act djustment					
33 All kWh	9,288,695,562	-$0.000291	-$2,703,010	33 All kWh	9,288,695,562	-$0.000291	-$2,703,010	$0	0.0%
34 Total Charges	9,288,695,562		$1,183,003,662	34 Total Charges	9,288,695,562		$1,236,436,870	$53,433,208	4.5%

{1} Rates effective 2/1/2020
{2} Proposed rates effective TBD
{3} Units are included with line 1 and therefore are not added into the total on line 4.

Confidential For Settlement Purposes Only

Jersey Central Power & Light Company

Based on 2019/2020 12+0 Weather Normalized Billing Determinants (Excludes SUT)

Residential Time-of-Day Service (RT)

Description of Charge	Weather Normalized 2019/2020 12+0 Units (a)	Current Rates {1} (b)	Revenue Based on Current Rates (c) = (a) x (b)	Description of Charge	Weather Normalized 2019/2020 12+0 Units (d)	Proposed Rates {2} (e)	Revenue Based on Proposed Rates (f) = (d) x (e)	Change in Revenue (g) = (f) - (c)	Percentage Change in Revenue (h) = (g) / (c)
Customer Charges				Customer Charges					
1 Standard Customer Charge	172,165	$4.87	$838,445	1 Standard Customer Charge	172,165	$6.61	$1,138,013	$299,568	35.7%
2 Solar Water Heating Credit {3}	1,689	-$1.22	-$2,061	2 Solar Water Heating Credit {3}	1,689	-$1.66	-$2,804	-$743	36.1%
3 Total Customer Charges	172,165		$836,384	3 Total Customer Charges	172,165		$1,135,209	$298,825	35.7%
NGC per kWh Charges				NGC per kWh Charges					
4 On-Peak kWh - Summer	24,262,478	$0.000075	$1,820	4 On-Peak kWh - Summer	24,262,478	$0.000075	$1,820	$0	0.0%
5 On-Peak kWh - Winter	44,887,107	$0.000075	$3,367	5 On-Peak kWh - Winter	44,887,107	$0.000075	$3,367	$0	0.0%
6 Off-Peak kWh - Summer	34,911,750	$0.000075	$2,618	6 Off-Peak kWh - Summer	34,911,750	$0.000075	$2,618	$0	0.0%
7 Off-Peak kWh - Winter	81,211,334	$0.000075	$6,091	7 Off-Peak kWh - Winter	81,211,334	$0.000075	$6,091	$0	0.0%
8 Total NGC Charges	185,272,669		$13,896	8 Total NGC Charges	185,272,669		$13,896	$0	0.0%
SBC per kWh Charges				SBC per kWh Charges					
9 All kWh	185,272,669	$0.006577	$1,218,538	9 All kWh	185,272,669	$0.006577	$1,218,538	$0	0.0%
Distribution per kWh Charges				Distribution per kWh Charges					
10 On-Peak kWh - Summer	24,262,478	$0.043421	$1,053,501	10 On-Peak kWh - Summer	24,262,478	$0.049096	$1,191,191	$137,690	13.1%
11 On-Peak kWh - Winter	44,887,107	$0.031895	$1,431,674	11 On-Peak kWh - Winter	44,887,107	$0.036063	$1,618,764	$187,090	13.1%
12 Off-Peak kWh - Summer	34,911,750	$0.020283	$708,115	12 Off-Peak kWh - Summer	34,911,750	$0.022934	$800,666	$92,551	13.1%
13 Off-Peak kWh - Winter	81,211,334	$0.020283	$1,647,209	13 Off-Peak kWh - Winter	81,211,334	$0.022934	$1,862,501	$215,292	13.1%
14 Total Distribution kWh Charges	185,272,669		$4,840,499	14 Total Distribution kWh Charges	185,272,669		$5,473,122	$632,623	13.1%
BGS per kWh Charges				BGS per kWh Charges					
15 Summer - On Peak kWh	24,262,478	$0.128422	$3,115,836	15 Summer - On Peak kWh	24,262,478	$0.128422	$3,115,836	$0	0.0%
16 Winter - On Peak kWh	44,887,107	$0.128422	$5,764,492	16 Winter - On Peak kWh	44,887,107	$0.128422	$5,764,492	$0	0.0%
17 Summer - Off Peak KWh	34,911,750	$0.046808	$1,634,149	17 Summer - Off Peak KWh	34,911,750	$0.046808	$1,634,149	$0	0.0%
18 Winter - Off Peak kWh	81,211,334	$0.050363	$4,090,046	18 Winter - Off Peak kWh	81,211,334	$0.050363	$4,090,046	$0	0.0%
19 Total BGS Charges	185,272,669		$14,604,523	19 Total BGS Charges	185,272,669		$14,604,523	$0	0.0%
Transmission per kWh Charges				Transmission per kWh Charges					
20 All kWh	185,272,669	$0.012213	$2,262,735	20 All kWh	185,272,669	$0.012213	$2,262,735	$0	0.0%
ZEC Recovery Charges				ZEC Recovery Charges					
21 All kWh	185,272,669	$0.004000	$741,091	21 All kWh	185,272,669	$0.004000	$741,091	$0	0.0%
RGGI Recovery Charges				RGGI Recovery Charges					
22 All kWh	185,272,669	$0.000000	$0	22 All kWh	185,272,669	$0.000000	$0	$0	#DIV/0!
Tax Act djustment				Tax Act djustment					
23 All kWh	185,272,669	-$0.000288	-$53,359	23 All kWh	185,272,669	-$0.000288	-$53,359	$0	0.0%
24 Total Charges	185,272,669		$24,464,307	24 Total Charges	185,272,669		$25,395,755	$931,448	3.8%
25 Average $/kWh			$0.132045	25 Average $/kWh			$0.137072	$0.005027	3.8%

{1} Rates effective 2/1/2020
{2} Proposed rates effective TBD
{3} Units are included with line 1 and therefore are not added into the total on line 3.

Confidential For Settlement Purposes Only

Jersey Central Power & Light Company

Based on 2019/2020 12+0 Weather Normalized Billing Determinants (Excludes SUT)

Residential Geothermal & Heat Pump Service (RGT)

Description of Charge	Weather Normalized 2019/2020 12+0 Units (a)	Current Rates {1} (b)	Revenue Based on Current Rates (c) = (a) x (b)	Description of Charge	Weather Normalized 2019/2020 12+0 Units (d)	Proposed Rates {2} (e)	Revenue Based on Proposed Rates (f) = (d) x (e)	Change in Revenue (g) = (f) - (c)	Percentage Change in Revenue (h) = (g) / (c)
Customer Charges				Customer Charges					
1 Standard Customer Charge	6,611	$4.87	$32,196	1 Standard Customer Charge	6,611	$6.61	$43,699	$11,503	35.7%
NGC per kWh Charges				NGC per kWh Charges					
2 On-Peak Summer kWh	1,768,646	$0.000075	$133	2 On-Peak Summer kWh	1,768,646	$0.000075	$133	$0	0.0%
3 Off-Peak Summer kWh	2,543,769	$0.000075	$191	3 Off-Peak Summer kWh	2,543,769	$0.000075	$191	$0	0.0%
4 All Winter kWh	10,510,183	$0.000075	$788	4 All Winter kWh	10,510,183	$0.000075	$788	$0	0.0%
5 Total NGC Charge	14,822,598		$1,112	5 Total NGC Charge	14,822,598		$1,112	$0	0.0%
SBC per kWh Charges				SBC per kWh Charges					
6 All kWh	14,822,598	$0.006577	$97,488	6 All kWh	14,822,598	$0.006577	$97,488	$0	0.0%
Distribution per kWh Charges				Distribution per kWh Charges					
7 On-Peak Summer kWh	1,768,646	$0.043421	$76,796	7 On-Peak Summer kWh	1,768,646	$0.049096	$86,833	$10,037	13.1%
8 Off-Peak Summer kWh	2,543,769	$0.020283	$51,595	8 Off-Peak Summer kWh	2,543,769	$0.022934	$58,339	$6,744	13.1%
9 All Winter kWh	10,510,183	$0.023211	$243,952	9 All Winter kWh	10,510,183	$0.027542	$289,471	$45,519	18.7%
10 Total Distribution kWh Charges	14,822,598		$372,343	10 Total Distribution kWh Charges	14,822,598		$434,643	$62,300	16.7%
BGS per kWh Charges				BGS per kWh Charges					
11 Summer - On-Peak kWh	1,785,620	$0.128422	$229,313	11 Summer - On-Peak kWh	1,785,620	$0.128422	$229,313	$0	0.0%
12 Summer - Off-Peak kWh	2,570,467	$0.046808	$120,318	12 Summer - Off-Peak kWh	2,570,467	$0.046808	$120,318	$0	0.0%
13 Winter - All kWh	9,804,093	$0.075247	$737,729	13 Winter - All kWh	9,804,093	$0.075247	$737,729	$0	0.0%
14 Total BGS Charges	14,160,180		$1,087,360	14 Total BGS Charges	14,160,180		$1,087,360	$0	0.0%
Transmission per kWh Charges				Transmission per kWh Charges					
15 Summer - All kWh	4,312,415	$0.012213	$52,668	15 Summer - All kWh	4,312,415	$0.012213	$52,668	$0	0.0%
16 Winter - All kWh	10,510,183	$0.012213	$128,361	16 Winter - All kWh	10,510,183	$0.012213	$128,361	$0	0.0%
17 Total Transmission Charges	14,822,598		$181,029	17 Total Transmission Charges	14,822,598		$181,029	$0	0.0%
ZEC Recovery Charges				ZEC Recovery Charges					
18 All kWh	14,822,598	$0.004000	$59,290	18 All kWh	14,822,598	$0.004000	$59,290	$0	0.0%
RGGI Recovery Charge				RGGI Recovery Charge					
19 All kWh	14,822,598	$0.000000	$0	19 All kWh	14,822,598	$0.000000	$0	$0	#DIV/0!
Tax Act djustment				Tax Act djustment					
20 All kWh	14,822,598	-$0.000288	-$4,269	20 All kWh	14,822,598	-$0.000288	-$4,269	$0	0.0%
21 Total Charges			$1,826,549	21 Total Charges			$1,900,352	$73,803	4.0%

{1} Rates effective 2/1/2020
{2} Proposed rates effective TBD

Confidential For Settlement Purposes Only

Jersey Central Power & Light Company
Based on 2019/2020 12+0 Weather Normalized Billing Determinants (Excludes SUT)
General Service Secondary (GS)

Description of Charge	Weather Normalized 2019/2020 12+0 Units (a)	Current Rates {1} (b)	Revenue Based on Current Rates (c) = (a) x (b)	Description of Charge	Weather Normalized 2019/2020 12+0 Units (d)	Proposed Rates {2} (e)	Revenue Based on Proposed Rates (f) = (d) x (e)	Change in Revenue (g) = (f) - (c)	Percentage Change in Revenue (h) = (g) / (c)
Customer Charges				Customer Charges					
1 Single Phase Customer Charge	893,485	$2.91	$2,600,041	1 Single Phase Customer Charge	893,485	$3.84	$3,430,982	$830,941	32.0%
2 Three Phase Customer Charge	608,254	$10.44	$6,350,172	2 Three Phase Customer Charge	608,254	$13.78	$8,381,740	$2,031,568	32.0%
3 Supplemental OPWH {3}	292	$1.36	$397	3 Supplemental OPWH {3}	292	$1.59	$464	$67	16.9%
4 Supplemental CTWH {3}	585	$1.36	$796	4 Supplemental CTWH {3}	585	$1.59	$930	$134	16.8%
5 Supplemental Day/Night {3}	19,175	$2.38	$45,637	5 Supplemental Day/Night {3}	19,175	$3.14	$60,210	$14,573	31.9%
6 Supplemental Traffic Signal {3}	25,167	$10.85	$273,062	6 Supplemental Traffic Signal {3}	25,167	$14.32	$360,391	$87,329	32.0%
7 Total Customer Charges	1,501,739		$9,270,105	7 Total Customer Charges	1,501,739		$12,234,717	$2,964,612	32.0%
NGC per kWh Charges				NGC per kWh Charges					
8 First 1,000 kWh Summer	311,705,719	$0.000107	$33,353	8 First 1,000 kWh Summer	311,705,719	$0.000107	$33,353	$0	0.0%
9 First 1,000 kWh Winter	612,382,332	$0.000107	$65,525	9 First 1,000 kWh Winter	612,382,332	$0.000107	$65,525	$0	0.0%
10 Over 1,000 kWh Summer	2,026,700,905	$0.000107	$216,857	10 Over 1,000 kWh Summer	2,026,700,905	$0.000107	$216,857	$0	0.0%
11 Over 1,000 kWh Winter	3,538,476,818	$0.000107	$378,617	11 Over 1,000 kWh Winter	3,538,476,818	$0.000107	$378,617	$0	0.0%
12 OPWH-kWh Summer	9,912	$0.000107	$1	12 OPWH-kWh Summer	9,912	$0.000107	$1	$0	0.0%
13 OPWH-kWh Winter	25,308	$0.000107	$3	13 OPWH-kWh Winter	25,308	$0.000107	$3	$0	0.0%
14 CTWH-kWh Summer	38,382	$0.000107	$4	14 CTWH-kWh Summer	38,382	$0.000107	$4	$0	0.0%
15 CTWH-kWh Winter	104,999	$0.000107	$11	15 CTWH-kWh Winter	104,999	$0.000107	$11	$0	0.0%
16 Traffic Signal kWh Summer	2,198,236	$0.000107	$235	16 Traffic Signal kWh Summer	2,198,236	$0.000107	$235	$0	0.0%
17 Traffic Signal kWh Winter	4,936,177	$0.000107	$528	17 Traffic Signal kWh Winter	4,936,177	$0.000107	$528	$0	0.0%
18 Total NGC Charges	6,496,578,788		$695,134	18 Total NGC Charges	6,496,578,788		$695,134	$0	0.0%
SBC per kWh Charges				SBC per kWh Charges					
19 All kWh	6,496,578,788	$0.006577	$42,727,999	19 All kWh	6,496,578,788	$0.006577	$42,727,999	$0	0.0%
Distribution per kWh Charges				Distribution per kWh Charges					
20 First 1,000 kWh Summer	311,705,719	$0.055615	$17,335,514	20 First 1,000 kWh Summer	311,705,719	$0.062235	$19,399,005	$2,063,491	11.9%
21 First 1,000 kWh Winter	612,382,332	$0.051459	$31,512,582	21 First 1,000 kWh Winter	612,382,332	$0.057585	$35,264,037	$3,751,455	11.9%
22 Over 1,000 kWh Summer	2,026,700,905	$0.004448	$9,014,766	22 Over 1,000 kWh Summer	2,026,700,905	$0.004977	$10,086,890	$1,072,124	11.9%
23 Over 1,000 kWh Winter	3,538,476,818	$0.004448	$15,739,145	23 Over 1,000 kWh Winter	3,538,476,818	$0.004977	$17,610,999	$1,871,854	11.9%
24 OPWH-kWh Summer	9,912	$0.015491	$154	24 OPWH-kWh Summer	9,912	$0.018382	$182	$28	18.7%
25 OPWH-kWh Winter	25,308	$0.015491	$392	25 OPWH-kWh Winter	25,308	$0.018382	$465	$73	18.7%
26 CTWH-kWh Summer	38,382	$0.020404	$783	26 CTWH-kWh Summer	38,382	$0.024212	$929	$146	18.7%
27 CTWH-kWh Winter	104,999	$0.020404	$2,142	27 CTWH-kWh Winter	104,999	$0.024212	$2,542	$400	18.7%
28 Traffic Signal kWh Summer	2,198,236	$0.011655	$25,620	28 Traffic Signal kWh Summer	2,198,236	$0.013042	$28,669	$3,049	11.9%
29 Traffic Signal kWh Winter	4,936,177	$0.011655	$57,531	29 Traffic Signal kWh Winter	4,936,177	$0.013042	$64,378	$6,847	11.9%
30 Religious Hse of Wrshp Credit {4}	11,891,836	-$0.028353	-$337,169	30 Religious Hse of Wrshp Credit {4}	11,891,836	-$0.031728	-$377,304	-$40,135	11.9%
31 CBT Exemption {5}			-$100,700	31 CBT Exemption {5}			-$116,750	-$16,050	N/A
32 Total Distr. kWh Charges	6,496,578,788		$73,250,760	32 Total Distr. kWh Charges	6,496,578,788		$81,964,042	$8,713,282	11.9%
Distribution Demand Charges				Distribution Demand Charges					
33 Full Rate - Summer	5,283,011	$6.22	$32,860,330	33 Full Rate - Summer	5,283,011	$7.43	$39,252,773	$6,392,443	19.5%
34 Full Rate - Winter	8,100,586	$5.79	$46,902,390	34 Full Rate - Winter	8,100,586	$6.92	$56,056,052	$9,153,662	19.5%
35 Minimum Charge	4,217,163	$2.82	$11,892,399	35 Minimum Charge	4,217,163	$3.37	$14,211,839	$2,319,440	19.5%
36 Standby Demand	1,560	$2.86	$4,461	36 Standby Demand	1,560	$3.42	$5,335	$874	19.6%
37 Total Distr. kW Charges	17,602,320		$91,659,580	37 Total Distr. kW Charges	17,602,320		$109,525,999	$17,866,419	19.5%
BGS per kWh Charges				BGS per kWh Charges					
38 Summer-Non-Water Heating kWh	2,340,604,860	$0.075395	$176,469,903	38 Summer-Non-Water Heating kWh	2,340,604,860	$0.075395	$176,469,903	$0	0.0%
39 Winter-Non-Water Heating kWh	4,155,795,327	$0.075395	$313,326,189	39 Winter-Non-Water Heating kWh	4,155,795,327	$0.075395	$313,326,189	$0	0.0%
40 Summer-OPWH & CTWH kWh	48,294	$0.080727	$3,899	40 Summer-OPWH & CTWH kWh	48,294	$0.080727	$3,899	$0	0.0%
41 Winter-OPWH & CTWH kWh	130,307	$0.078580	$10,240	41 Winter-OPWH & CTWH kWh	130,307	$0.078580	$10,240	$0	0.0%
42 Total BGS Charges	6,496,578,788		$489,810,231	42 Total BGS Charges	6,496,578,788		$489,810,231	$0	0.0%
Transmission per kWh Charges				Transmission per kWh Charges					
43 All Non-Water Heating kWh	6,496,400,187	$0.012213	$79,340,535	43 All Non-Water Heating kWh	6,496,400,187	$0.012213	$79,340,535	$0	0.0%
44 OPWH & CTWH kWh	178,601	$0.012213	$2,181	44 OPWH & CTWH kWh	178,601	$0.012213	$2,181	$0	0.0%
45 Total Transmission Charges	6,496,578,788		$79,342,716	45 Total Transmission Charges	6,496,578,788		$79,342,716	$0	0.0%
ZEC Recovery Charges				ZEC Recovery Charges					
46 All kWh	6,496,578,788	$0.004000	$25,986,315	46 All kWh	6,496,578,788	$0.004000	$25,986,315	$0	0.0%
RGGI Recovery Charges				RGGI Recovery Charges					
47 All kWh	6,496,578,788	$0.000000	$0	47 All kWh	6,496,578,788	$0.000000	$0	$0	#DIV/0!
Tax Act djustment				Tax Act djustment					
48 All kWh	6,496,578,788	-$0.000257	-$1,669,621	48 All kWh	6,496,578,788	-$0.000257	-$1,669,621	$0	0.0%
49 Total Charges	6,496,578,788		$811,073,219	49 Total Charges	6,496,578,788		$840,617,532	$29,544,313	3.6%

{1} Rates effective 2/1/2020
{2} Proposed rates effective TBD
{3} Units are included in lines 1 and 2 and therefore are not added into the total on line 7.
{4} Units are included with lines 20 through 23 and therefore are not added into the total on line 32.
{5} Total distribution reduction attributable to CBT Exempt accounts.

Confidential For Settlement Purposes Only

Jersey Central Power & Light Company

Based on 2019/2020 12+0 Weather Normalized Billing Determinants (Excludes SUT)

General Service Secondary Time-of-Day (GST)

Description of Charge	Weather Normalized 2019/2020 12+0 Units (a)	Current Rates {1} (b)	Revenue Based on Current Rates (c) = (a) x (b)	Description of Charge	Weather Normalized 2019/2020 12+0 Units (d)	Proposed Rates {2} (e)	Revenue Based on Proposed Rates (f) = (d) x (e)	Change in Revenue (g) = (f) - (c)	Percentage Change in Revenue (h) = (g) / (c)
Customer Charges				Customer Charges					
1 Single Phase Customer Charge	-1	$28.00	-$38	1 Single Phase Customer Charge	-1	$33.36	-$45	-$7	0.0%
2 Three Phase Customer Charge	2,340	$39.96	$93,518	2 Three Phase Customer Charge	2,340	$47.60	$111,397	$17,879	19.1%
3 Total Customer Charges	2,339		$93,480	3 Total Customer Charges	2,339		$111,352	$17,872	19.1%
NGC per kWh Charges				NGC per kWh Charges					
4 Summer On-Peak kWh	79,328,944	$0.000107	$8,488	4 Summer On-Peak kWh	79,328,944	$0.000107	$8,488	$0	0.0%
5 Winter On-Peak kWh	135,190,034	$0.000107	$14,465	5 Winter On-Peak kWh	135,190,034	$0.000107	$14,465	$0	0.0%
6 Summer Off-Peak kWh	97,718,188	$0.000107	$10,456	6 Summer Off-Peak kWh	97,718,188	$0.000107	$10,456	$0	0.0%
7 Winter Off-Peak kWh	183,773,628	$0.000107	$19,664	7 Winter Off-Peak kWh	183,773,628	$0.000107	$19,664	$0	0.0%
8 Total NGC Charges	496,010,794		$53,073	8 Total NGC Charges	496,010,794		$53,073	$0	0.0%
SBC per kWh Charges				SBC per kWh Charges					
9 All kWh	496,010,794	$0.006577	$3,262,263	9 All kWh	496,010,794	$0.006577	$3,262,263	$0	0.0%
Distribution per kWh Charges				Distribution per kWh Charges					
10 Summer On-Peak kWh	79,328,944	$0.004371	$346,747	10 Summer On-Peak kWh	79,328,944	$0.004835	$383,555	$36,808	10.6%
11 Winter On-Peak kWh	135,190,034	$0.004371	$590,916	11 Winter On-Peak kWh	135,190,034	$0.004835	$653,644	$62,728	10.6%
12 Summer Off-Peak kWh	97,718,188	$0.004371	$427,126	12 Summer Off-Peak kWh	97,718,188	$0.004835	$472,467	$45,341	10.6%
13 Winter Off-Peak kWh	183,773,628	$0.004371	$803,275	13 Winter Off-Peak kWh	183,773,628	$0.004835	$888,545	$85,270	10.6%
14 CBT Exemption {3}			-$7,683	14 CBT Exemption {3}			-$8,955	-$1,272	N/A
15 Total Distr. kWh Charges	496,010,794		$2,160,381	15 Total Distr. kWh Charges	496,010,794		$2,389,256	$228,875	10.6%
Distribution Demand Charges				Distribution Demand Charges					
16 Full Rate - Summer	442,783	$6.58	$2,913,511	16 Full Rate - Summer	442,783	$7.84	$3,471,418	$557,907	19.1%
17 Full Rate - Winter	769,524	$6.15	$4,732,574	17 Full Rate - Winter	769,524	$7.33	$5,640,612	$908,038	19.2%
18 Minimum Charge	170,466	$2.87	$489,237	18 Minimum Charge	170,466	$3.42	$582,993	$93,756	19.2%
19 Standby Demand	0	$2.86	$0	19 Standby Demand	0	$3.42	$0	$0	0.0%
20 Total Distr. kW Charges	1,382,773		$8,135,322	20 Total Distr. kW Charges	1,382,773		$9,695,023	$1,559,701	19.2%
BGS per kWh Charges {4}				BGS per kWh Charges {4}					
21 Summer On-Peak kWh	79,328,944	$0.081246	$6,445,159	21 Summer On-Peak kWh	79,328,944	$0.081246	$6,445,159	$0	0.0%
22 Winter On-Peak kWh	135,190,034	$0.082067	$11,094,640	22 Winter On-Peak kWh	135,190,034	$0.082067	$11,094,640	$0	0.0%
23 Summer Off-Peak kWh	97,718,188	$0.044299	$4,328,818	23 Summer Off-Peak kWh	97,718,188	$0.044299	$4,328,818	$0	0.0%
24 Winter Off-Peak kWh	183,773,628	$0.048511	$8,915,042	24 Winter Off-Peak kWh	183,773,628	$0.048511	$8,915,042	$0	0.0%
25 Total BGS Charges	496,010,794		$30,783,659	25 Total BGS Charges	496,010,794		$30,783,659	$0	0.0%
Transmission per kWh Charges				Transmission per kWh Charges					
26 All kWh	496,010,794	$0.012213	$6,057,780	26 All kWh	496,010,794	$0.012213	$6,057,780	$0	0.0%
ZEC Recovery Charges				ZEC Recovery Charges					
27 All kWh	496,010,794	$0.004000	$1,984,043	27 All kWh	496,010,794	$0.004000	$1,984,043	$0	0.0%
RGGI Recovery Charges				RGGI Recovery Charges					
28 All kWh	496,010,794	$0.000000	$0	28 All kWh	496,010,794	$0.000000	$0	$0	#DIV/0!
Tax Act djustment				Tax Act djustment					
29 All kWh	496,010,794	-$0.000200	-$99,202	29 All kWh	496,010,794	-$0.000200	-$99,202	$0	0.0%
30 Total Charges	496,010,794		$52,430,799	30 Total Charges	496,010,794		$54,237,247	$1,806,448	3.4%

{1} Rates effective 2/1/2020
{2} Proposed rates effective TBD
{3} Total distribution reduction attributable to CBT Exempt accounts.
{4} Based on Average BGS cost for RSCP and CIEP eligible accounts from 1/1/2019 to 12/31/2019

Confidential For Settlement Purposes Only

Jersey Central Power & Light Company

Based on 2019/2020 12+0 Weather Normalized Billing Determinants (Excludes SUT)

General Service Primary (GP)

Description of Charge	Weather Normalized 2019/2020 12+0 Units (a)	Current Rates {1} (b)	Revenue Based on Current Rates (c) = (a) x (b)	Description of Charge	Weather Normalized 2019/2020 12+0 Units (d)	Proposed Rates {2} (e)	Revenue Based on Proposed Rates (f) = (d) x (e)	Change in Revenue (g) = (f) - (c)	Percentage Change in Revenue (h) = (g) / (c)
Customer Charges				Customer Charges					
1 Customer Charge	4,999	$49.29	$246,405	1 Customer Charge	4,999	$57.86	$289,247	$42,842	17.4%
NGC per kWh Charges				NGC per kWh Charges					
2 Summer On-Peak kWh	244,237,956	$0.000102	$24,912	2 Summer On-Peak kWh	244,237,956	$0.000102	$24,912	$0	0.0%
3 Winter On-Peak kWh	415,969,832	$0.000102	$42,429	3 Winter On-Peak kWh	415,969,832	$0.000102	$42,429	$0	0.0%
4 Summer Off-Peak kWh	357,044,684	$0.000102	$36,419	4 Summer Off-Peak kWh	357,044,684	$0.000102	$36,419	$0	0.0%
5 Winter Off-Peak kWh	635,936,263	$0.000102	$64,865	5 Winter Off-Peak kWh	635,936,263	$0.000102	$64,865	$0	0.0%
6 Total NGC Charges	1,653,188,735		$168,625	6 Total NGC Charges	1,653,188,735		$168,625	$0	0.0%
SBC per kWh Charges				SBC per kWh Charges					
7 All kWh	1,653,188,735	$0.006577	$10,873,022	7 All kWh	1,653,188,735	$0.006577	$10,873,022	$0	0.0%
Distribution per kWh Charges				Distribution per kWh Charges					
8 Summer On-Peak kWh	244,237,956	$0.003149	$769,105	8 Summer On-Peak kWh	244,237,956	$0.003443	$840,911	$71,806	9.3%
9 Winter On-Peak kWh	415,969,832	$0.003149	$1,309,889	9 Winter On-Peak kWh	415,969,832	$0.003443	$1,432,184	$122,295	9.3%
10 Summer Off-Peak kWh	357,044,684	$0.003149	$1,124,334	10 Summer Off-Peak kWh	357,044,684	$0.003443	$1,229,305	$104,971	9.3%
11 Winter Off-Peak kWh	635,936,263	$0.003149	$2,002,563	11 Winter Off-Peak kWh	635,936,263	$0.003443	$2,189,529	$186,966	9.3%
12 CBT Exemption {3}			-$7,961	12 CBT Exemption {3}			-$8,928	-$967	N/A
13 Total Distr. kWh Charges	1,653,188,735		$5,197,930	13 Total Distr. kWh Charges	1,653,188,735		$5,683,001	$485,071	9.3%
Distribution Demand Charges				Distribution Demand Charges					
14 Full Rate - Summer	1,292,940	$5.14	$6,645,709	14 Full Rate - Summer	1,292,940	$6.03	$7,796,425	$1,150,716	17.3%
15 Full Rate - Winter	2,352,253	$4.77	$11,220,248	15 Full Rate - Winter	2,352,253	$5.60	$13,172,618	$1,952,370	17.4%
16 Minimum Charge	171,446	$1.74	$298,315	16 Minimum Charge	171,446	$2.04	$349,749	$51,434	17.2%
17 Standby Demand	0	$1.78	$0	17 Standby Demand	0	$2.09	$0	$0	0.0%
18 kVar Demand	1,775,806	$0.33	$586,016	18 kVar Demand	1,775,806	$0.39	$692,564	$106,548	18.2%
19 Total Distr. kW Charges	5,592,444		$18,750,288	19 Total Distr. kW Charges	5,592,444		$22,011,356	$3,261,068	17.4%
BGS per kWh Charges {4}				BGS per kWh Charges {4}					
20 Summer kWh	601,282,640	$0.030084	$18,088,987	20 Summer kWh	601,282,640	$0.030084	$18,088,987	$0	0.0%
21 Winter kWh	1,051,906,095	$0.033667	$35,414,523	21 Winter kWh	1,051,906,095	$0.033667	$35,414,523	$0	0.0%
22 DSSAC - All kWh	1,653,188,735	$0.000150	$247,978	22 DSSAC - All kWh	1,653,188,735	$0.000150	$247,978	$0	0.0%
23 Capacity Obligation - kW days	147,928,017	$0.246010	$36,391,772	23 Capacity Obligation - kW days	147,928,017	$0.246010	$36,391,772	$0	0.0%
24 Total BGS Charges	1,653,188,735		$90,143,260	24 Total BGS Charges	1,653,188,735		$90,143,260	$0	0.0%
Transmission per kWh Charges				Transmission per kWh Charges					
25 All kWh	1,653,188,735	$0.007977	$13,187,487	25 All kWh	1,653,188,735	$0.007977	$13,187,487	$0	0.0%
ZEC Recovery Charges				ZEC Recovery Charges					
26 All kWh	1,653,188,735	$0.004000	$6,612,755	26 All kWh	1,653,188,735	$0.004000	$6,612,755	$0	0.0%
RGGI Recovery Charges				RGGI Recovery Charges					
27 All kWh	1,653,188,735	$0.000000	$0	27 All kWh	1,653,188,735	$0.000000	$0	$0	#DIV/0!
Tax Act djustment				Tax Act djustment					
28 All kWh	1,653,188,735	-$0.000144	-$238,059	28 All kWh	1,653,188,735	-$0.000144	-$238,059	$0	0.0%
29 Total Charges	1,653,188,735		$144,941,713	29 Total Charges	1,653,188,735		$148,730,694	$3,788,981	2.6%

{1} Rates effective 2/1/2020
{2} Proposed rates effective TBD
{3} Total distribution reduction attributable to CBT Exempt accounts.
{4} Based on BGS Energy and Capacity Cost from 1/1/2019 to 12/31/2019

Confidential For Settlement Purposes Only

Jersey Central Power & Light Company

Based on 2019/2020 12+0 Weather Normalized Billing Determinants (Excludes SUT)

General Service Transmission (GT) - ALL

Description of Charge	Weather Normalized 2019/2020 12+0 Units (a)	Current Rates {1} (b)	Revenue Based on Current Rates (c) = (a) x (b)	Description of Charge	Weather Normalized 2019/2020 12+0 Units (d)	Proposed Rates {2} (e)	Revenue Based on Proposed Rates (f) = (d) x (e)	Change in Revenue (g) = (f) - (c)	Percentage Change in Revenue (h) = (g) / (c)
Customer Charges				Customer Charges					
1 Customer Charges	2,011	$211.68	$425,779	1 Customer Charges	2,011	$248.50	$499,839	$74,060	17.4%
NGC per kWh Charges				NGC per kWh Charges					
2 Summer kWh (w/o 230 kV)	478,473,419	$0.000100	$47,847	2 Summer kWh (w/o 230 kV)	478,473,419	$0.000100	$47,847	$0	0.0%
3 Winter kWh (w/o 230 kV)	903,517,284	$0.000100	$90,352	3 Winter kWh (w/o 230 kV)	903,517,284	$0.000100	$90,352	$0	0.0%
4 230 kV Summer kWh	61,892,347	$0.000098	$6,065	4 230 kV Summer kWh	61,892,347	$0.000098	$6,065	$0	0.0%
5 230 kV Winter kWh	95,111,461	$0.000098	$9,321	5 230 kV Winter kWh	95,111,461	$0.000098	$9,321	$0	0.0%
6 GT Prov (d) Summer	70,040,489	$0.000000	$0	6 GT Prov (d) Summer	70,040,489	$0.000000	$0	$0	0.0%
7 GT Prov (d) Winter	134,066,845	$0.000000	$0	7 GT Prov (d) Winter	134,066,845	$0.000000	$0	$0	0.0%
8 DOD Summer kWh	58,632,701	$0.000100	$5,863	8 DOD Summer kWh	58,632,701	$0.000100	$5,863	$0	0.0%
9 DOD Winter kWh	106,004,573	$0.000100	$10,600	9 DOD Winter kWh	106,004,573	$0.000100	$10,600	$0	0.0%
10 Total NGC Charges	1,907,739,119		$170,048	10 Total NGC Charges	1,907,739,119		$170,048	$0	0.0%
SBC per kWh Charges				SBC per kWh Charges					
11 All kWh	1,907,739,119	$0.006577	$12,547,200	11 All kWh	1,907,739,119	$0.006577	$12,547,200	$0	0.0%
Distribution per kWh Charges				Distribution per kWh Charges					
12 Summer On-Peak kWh	264,365,755	$0.002434	$643,466	12 Summer On-Peak kWh	264,365,755	$0.002657	$702,420	$58,954	9.2%
13 Winter On-Peak kWh	478,747,626	$0.002434	$1,165,272	13 Winter On-Peak kWh	478,747,626	$0.002657	$1,272,032	$106,760	9.2%
14 Summer Off-Peak kWh	334,632,712	$0.002434	$814,496	14 Summer Off-Peak kWh	334,632,712	$0.002657	$889,119	$74,623	9.2%
15 Winter Off-Peak kWh	625,885,692	$0.002434	$1,523,406	15 Winter Off-Peak kWh	625,885,692	$0.002657	$1,662,978	$139,572	9.2%
16 230 kV Discount {3}	157,003,808	-$0.000864	-$135,651	16 230 kV Discount {3}	157,003,808	-$0.000943	-$148,055	-$12,404	9.1%
17 DOD Summer Credit {3}	58,632,701	-$0.001582	-$92,757	17 DOD Summer Credit {3}	58,632,701	-$0.001727	-$101,259	-$8,502	9.2%
18 DOD Winter Credit {3}	106,004,573	-$0.001582	-$167,699	18 DOD Winter Credit {3}	106,004,573	-$0.001727	-$183,070	-$15,371	9.2%
19 GT Prov (d) Summer	70,040,489	$0.000000	$0	19 GT Prov (d) Summer	70,040,489	$0.000000	$0	$0	0.0%
20 GT Prov (d) Winter	134,066,845	$0.000000	$0	20 GT Prov (d) Winter	134,066,845	$0.000000	$0	$0	0.0%
20 CBT Exemption {4}			-$10,587	20 CBT Exemption {4}			-$11,979	-$1,392	N/A
21 Total Distr. kWh Charges	1,907,739,119		$3,739,946	21 Total Distr. kWh Charges	1,907,739,119		$4,082,186	$342,240	9.2%
Distribution Demand Charges				Distribution Demand Charges					
22 Full Rate - Summer	1,383,234	$3.30	$4,564,673	22 Full Rate - Summer	1,383,234	$3.87	$5,353,117	$788,444	17.3%
23 Full Rate - Winter	2,653,274	$3.30	$8,755,806	23 Full Rate - Winter	2,653,274	$3.87	$10,268,172	$1,512,366	17.3%
24 Minimum Charge	715,941	$1.00	$715,941	24 Minimum Charge	715,941	$1.17	$837,650	$121,709	17.0%
25 Standby Demand	171,300	$0.85	$145,605	25 Standby Demand	171,300	$1.00	$171,300	$25,695	17.6%
26 230 kV Discount {5}	246,083	-$0.88	-$216,553	26 230 kV Discount {5}	246,083	-$1.03	-$253,465	-$36,912	17.0%
27 Minimum Charge Reduction	0	-$0.42	$0	27 Minimum Charge Reduction	0	-$0.49	$0	$0	0.0%
28 DOD Summer kW Credit {5}	127,166	-$2.19	-$278,494	28 DOD Summer kW Credit {5}	127,166	-$2.57	-$326,818	-$48,324	17.4%
29 DOD Winter kW Credit {5}	222,396	-$2.19	-$487,048	29 DOD Winter kW Credit {5}	222,396	-$2.57	-$571,558	-$84,510	17.4%
30 DOD Minimum kW Credit {5}	20,454	-$0.66	-$13,499	30 DOD Minimum kW Credit {5}	20,454	-$0.77	-$15,749	-$2,250	16.7%
31 GT Prov (d) Summer	268,229	$0.35	$93,880	31 GT Prov (d) Summer	268,229	$0.41	$109,974	$16,094	17.1%
32 GT Prov (d) Winter	529,062	$0.35	$185,172	32 GT Prov (d) Winter	529,062	$0.41	$216,916	$31,744	17.1%
33 kVar Demand	2,023,856	$0.32	$647,634	33 kVar Demand	2,023,856	$0.38	$769,065	$121,431	18.7%
34 Total Distr. kW Charges	7,744,896		$14,113,117	34 Total Distr. kW Charges	7,744,896		$16,558,604	$2,445,487	17.3%
BGS per kWh Charges {6}				BGS per kWh Charges {6}					
35 Summer kWh	669,038,956	$0.028586	$19,125,148	35 Summer kWh	669,038,956	$0.028586	$19,125,148	$0	0.0%
36 Winter kWh	1,238,700,163	$0.037774	$46,790,660	36 Winter kWh	1,238,700,163	$0.037774	$46,790,660	$0	0.0%
37 DSSAC - All kWh	1,907,739,119	$0.000150	$286,161	37 DSSAC - All kWh	1,907,739,119	$0.000150	$286,161	$0	0.0%
38 Capacity Obligation - kW days	125,566,965	$0.246010	$30,890,729	38 Capacity Obligation - kW days	125,566,965	$0.246010	$30,890,729	$0	0.0%
39 Total BGS Charges	1,907,739,119		$97,092,698	39 Total BGS Charges	1,907,739,119		$97,092,698	$0	0.0%
Transmission per kWh Charges				Transmission per kWh Charges					
40 All kWh - Excluding 230 kV kWh	1,546,627,977	$0.006995	$10,818,663	40 All kWh - Excluding 230 kV kWh	1,546,627,977	$0.006995	$10,818,663	$0	0.0%
41 230 kV kWh	361,111,142	$0.001614	$582,833	41 230 kV kWh	361,111,142	$0.001614	$582,833	$0	0.0%
	1,907,739,119		11,401,496		1,907,739,119		11,401,496	$0	0.0%
ZEC Recovery Charges				ZEC Recovery Charges					
42 All kWh	1,907,739,119	$0.004000	$7,630,956	42 All kWh	1,907,739,119	$0.004000	$7,630,956	$0	0.0%
RGGI Recovery Charges				RGGI Recovery Charges					
43 All kWh	1,907,739,119	$0.000000	$0	43 All kWh	1,907,739,119	$0.000000	$0	$0	#DIV/0!
Tax Act djustment				Tax Act djustment					
44 All kWh	1,907,739,119	-$0.000087	-$165,973	44 All kWh	1,907,739,119	-$0.000087	-$165,973	$0	0.0%
45 Total Charges	1,907,739,119		$146,955,267	45 Total Charges	1,907,739,119		$149,817,054	$2,861,787	1.9%

{1} Rates effective 2/1/2020
{2} Proposed rates effective TBD
{3} Units are included in lines 12 through 15 and are therefore excluded from the total on line 21.
{4} Total distribution reduction attributable to CBT Exempt accounts.
{5} Units are included in lines 22 to 24 and are therefore excluded from the total on line 34.
{6} Based on BGS Energy and Capacity Cost from 1/1/2019 to 12/31/2019

Confidential For Settlement Purposes Only

Jersey Central Power & Light Company

Based on 2019/2020 12+0 Weather Normalized Billing Determinants (Excludes SUT)

Lighting Summary

Description of Charge	Weather Normalized 2019/2020 12+0 Units (a)	Revenue Based on Current Rates {1} (b)	Description of Charge	Weather Normalized 2019/2020 12+0 Units (c)	Revenue Based on Proposed Rates {2} (d)	Change in Revenue (e) = (d) - (b)	Percentage Change in Revenue (f) = (e) / (b)
Distribution Charges			Distribution Charges				
1 Fixture Charges	2,564,460	$12,519,822	1 Fixture Charges	2,564,460	$13,609,819	$1,089,997	8.7%
2 Miscellaneous Charges	145,644	$371,190	2 Miscellaneous Charges	145,644	$403,177	$31,987	8.6%
3 kWh Charges	116,493,474	$5,032,145	3 kWh Charges	116,493,474	$5,469,712	$437,567	8.7%
4 Total Distribution Charges	116,493,474	$17,923,157	4 Total Distribution Charges	116,493,474	$19,482,708	$1,559,551	8.7%
5 NGC	116,493,474	$12,465	5 NGC	116,493,474	$12,465	$0	0.0%
6 SBC	116,493,474	$766,178	6 SBC	116,493,474	$766,178	$0	0.0%
7 BGS	116,493,474	$6,183,012	7 BGS	116,493,474	$6,183,012	$0	0.0%
8 Transmission	116,493,474	$0	8 Transmission	116,493,474	$0	$0	0.0%
9 System Control Charges	116,493,474	$465,974	9 System Control Charges	116,493,474	$465,974	$0	0.0%
10 RGGI Recovery Charges	116,493,474	$0	10 RGGI Recovery Charges	116,493,474	$0	$0	0.0%
11 Storm Recovery Charges	116,493,474	-$171,245	11 Storm Recovery Charges	116,493,474	-$171,245	$0	0.0%
12 Total Charges {3}	116,493,474	$25,179,541	12 Total Charges {3}	116,493,474	$26,739,092	$1,559,551	6.2%

{1} Rates effective 2/1/2020
{2} Proposed rates effective TBD
{3} Total of lines 4 through 11.

Confidential For Settlement Purposes Only

Jersey Central Power & Light Company

Based on 2019/2020 12+0 Weather Normalized Billing Determinants (Excludes SUT)

Outdoor Lighting Service (OL)

Description of Charge	Monthly kWh Per Unit	Weather Normalized 2019/2020 12+0 Units (a)	Current Rates {1} (b)	Revenue Based on Current Rates (c) = (a) x (b)	Description of Charge	Weather Normalized 2019/2020 12+0 Units (d)	Proposed Rates {2} (e)	Revenue Based on Proposed Rates (f) = (d) x (e)	Change in Revenue (g) = (f) - (c)	Percentage Change in Revenue (h) = (g) / (c)
Area Lighting Fixture Charges					Area Lighting Fixture Charges					
1 100 Watt Lamp (121 Watt Total)	42	25,962	$2.31	$59,973	1 100 Watt Lamp (121 Watt Total)	25,962	$2.51	$65,166	$5,193	
2 175 Watt Lamp (211 Watt Total)	74	40,096	$2.31	$92,621	2 175 Watt Lamp (211 Watt Total)	40,096	$2.51	$100,641	$8,020	
High Pressure Sodium					High Pressure Sodium					
3 70 Watt HPS (99 Watt Total)	35	254	$9.58	$2,433	3 70 Watt HPS (99 Watt Total)	254	$10.41	$2,644	$211	
4 100 Watt HPS (137 Watt Total)	48	869	$9.58	$8,324	4 100 Watt HPS (137 Watt Total)	869	$10.41	$9,046	$722	
Flood Lighting Fixture Charges					Flood Lighting Fixture Charges					
5 150 Watt Lamp (176 Watt Total)	62	62,220	$11.25	$699,974	5 150 Watt Lamp (176 Watt Total)	62,220	$12.23	$760,949	$60,975	
6 250 Watt Lamp (293 Watt Total)	103	59,387	$11.82	$701,956	6 250 Watt Lamp (293 Watt Total)	59,387	$12.85	$763,125	$61,169	
7 400 Watt Lamp (498 Watt Total)	174	62,427	$12.13	$757,238	7 400 Watt Lamp (498 Watt Total)	62,427	$13.19	$823,411	$66,173	
8 Total Fixture Charges		251,215		$2,322,519	8 Total Fixture Charges	251,215		$2,524,982	$202,463	8.7%
Miscellaneous Charges					Miscellaneous Charges					
9 Spans Furnished Prior to 2/6/79		49,290	$0.59	$29,081	9 Spans Furnished Prior to 2/6/79	49,290	$0.64	$31,545	$2,464	
10 Spans Furnished After 2/6/79		21,913	$2.92	$63,987	10 Spans Furnished After 2/6/79	21,913	$3.17	$69,465	$5,478	
11 Transformers		657	$2.53	$1,663	11 Transformers	657	$2.75	$1,808	$145	
12 Poles Furnished Prior to 2/6/79		34,586	$0.63	$21,789	12 Poles Furnished Prior to 2/6/79	34,586	$0.68	$23,518	$1,729	
13 35' Poles Furnished After 2/6/79		11,431	$5.78	$66,070	13 35' Poles Furnished After 2/6/79	11,431	$6.28	$71,786	$5,716	
14 40' Poles Furnished After 2/6/79		1,001	$6.47	$6,479	14 40' Poles Furnished After 2/6/79	1,001	$7.03	$7,039	$560	
15 Total Miscellaneous Charges		118,878		$189,069	15 Total Miscellaneous Charges	118,878		$205,161	$16,092	8.5%
NGC per kWh Charges					NGC per kWh Charges					
16 Summer kWh		8,250,447	$0.000107	$883	16 Summer kWh	8,250,447	$0.000107	$883	$0	0.0%
17 Winter kWh		16,611,601	$0.000107	$1,777	17 Winter kWh	16,611,601	$0.000107	$1,777	$0	0.0%
18 Total NGC Charge		24,862,048		$2,660	18 Total NGC Charge	24,862,048		$2,660	$0	0.0%
SBC per kWh Charges					SBC per kWh Charges					
19 All kWh		24,862,048	$0.006577	$163,518	19 All kWh	24,862,048	$0.006577	$163,518	$0	0.0%
Distribution per kWh Charges					Distribution per kWh Charges					
20 All kWh		24,862,048	$0.043172	$1,073,344	20 All kWh	24,862,048	$0.046926	$1,166,676	$93,332	8.7%
21 CBT Exemption {3}		0		-$172	21 CBT Exemption {3}	0		-$187	-$15	N/A
22 Total Distribution Charge		24,862,048		$1,073,172	22 Total Distribution Charge	24,862,048		$1,166,489	$93,317	8.7%
BGS per kWh Charges					BGS per kWh Charges					
23 Summer kWh		8,250,447	$0.052138	$430,162	23 Summer kWh	8,250,447	$0.052138	$430,162	$0	0.0%
24 Winter kWh		16,611,601	$0.053545	$889,468	24 Winter kWh	16,611,601	$0.053545	$889,468	$0	0.0%
25 Total BGS Charge		24,862,048		$1,319,630	25 Total BGS Charge	24,862,048		$1,319,630	$0	0.0%
Transmission per kWh Charges					Transmission per kWh Charges					
26 All kWh		24,862,048	$0.000000	$0	26 All kWh	24,862,048	$0.000000	$0	$0	#DIV/0!
ZEC Recovery Charges					ZEC Recovery Charges					
27 All kWh		24,862,048	$0.004000	$99,448	27 All kWh	24,862,048	$0.004000	$99,448	$0	0.0%
RGGI Recovery Charges					RGGI Recovery Charges					
28 All kWh		24,862,048	$0.000000	$0	28 All kWh	24,862,048	$0.000000	$0	$0	#DIV/0!
Tax Act djustment					Tax Act djustment					
29 All kWh		24,862,048	-$0.001470	-$36,547	29 All kWh	24,862,048	-$0.001470	-$36,547	$0	0.0%
30 Total Charges		24,862,048		$5,133,469	30 Total Charges	24,862,048		$5,445,341	$311,872	6.1%

{1} Rates effective 2/1/2020
{2} Proposed rates effective TBD
{3} Total distribution reduction attributable to CBT Exempt accounts.

Confidential For Settlement Purposes Only

Jersey Central Power & Light Company
Based on 2019/2020 12+0 Weather Normalized Billing Determinants (Excludes SUT)
Sodium Vapor Street Lighting Service (SVL)

Description of Charge	Monthly kWh Per Unit	Weather Normalized 2019/2020 12+0 Units (a)	Current Rates {1} (b)	Revenue Based on Current Rates (c) = (a) x (b)	Description of Charge	Weather Normalized 2019/2020 12+0 Units (d)	Proposed Rates {2} (e)	Revenue Based on Proposed Rates (f) = (d) x (e)	Change in Revenue (g) = (f) - (c)	Percentage Change in Revenue (h) = (g) / (c)
Company Lighting Fixture Charges					Company Lighting Fixture Charges					
1 50 Watt Lamp (60 Watt Total)	21	566,012	$5.59	$3,164,009	1 50 Watt Lamp (60 Watt Total)	566,012	$6.08	$3,441,355	$277,346	
2 70 Watt Lamp (85 Watt Total)	30	213,651	$5.59	$1,194,312	2 70 Watt Lamp (85 Watt Total)	213,651	$6.08	$1,299,001	$104,689	
3 100 Watt Lamp (121 Watt Total)	42	334,782	$5.59	$1,871,431	3 100 Watt Lamp (121 Watt Total)	334,782	$6.08	$2,035,475	$164,044	
4 150 Watt Lamp (176 Watt Total)	62	89,993	$5.59	$503,059	4 150 Watt Lamp (176 Watt Total)	89,993	$6.08	$547,155	$44,096	
5 250 Watt Lamp (293 Watt Total)	103	104,063	$6.61	$687,859	5 250 Watt Lamp (293 Watt Total)	104,063	$7.19	$748,216	$60,357	
6 400 Watt Lamp (498 Watt Total)	174	13,001	$6.61	$85,938	6 400 Watt Lamp (498 Watt Total)	13,001	$7.19	$93,479	$7,541	
Company Seasonal Fixture Charges					Company Seasonal Fixture Charges					
7 50 Watt Lamp (60 Watt Total)		156	$5.59	$872	7 50 Watt Lamp (60 Watt Total)	156	$6.08	$948	$76	
8 70 Watt Lamp (85 Watt Total)		216	$5.59	$1,207	8 70 Watt Lamp (85 Watt Total)	216	$6.08	$1,313	$106	
9 100 Watt Lamp (121 Watt Total)		264	$5.59	$1,476	9 100 Watt Lamp (121 Watt Total)	264	$6.08	$1,605	$129	
10 150 Watt Lamp (176 Watt Total)		168	$5.59	$939	10 150 Watt Lamp (176 Watt Total)	168	$6.08	$1,021	$82	
11 250 Watt Lamp (293 Watt Total)		0	$6.61	$0	11 250 Watt Lamp (293 Watt Total)	0	$7.19	$0	$0	
12 400 Watt Lamp (498 Watt Total)		0	$6.61	$0	12 400 Watt Lamp (498 Watt Total)	0	$7.19	$0	$0	
Contribution Lighting Fixture Charges					Contribution Lighting Fixture Charges					
13 50 Watt Lamp (60 Watt Total)	21	119,836	$1.57	$188,143	13 50 Watt Lamp (60 Watt Total)	119,836	$1.71	$204,920	$16,777	
14 70 Watt Lamp (85 Watt Total)	30	84,993	$1.57	$133,439	14 70 Watt Lamp (85 Watt Total)	84,993	$1.71	$145,338	$11,899	
15 100 Watt Lamp (121 Watt Total)	42	139,424	$1.57	$218,896	15 100 Watt Lamp (121 Watt Total)	139,424	$1.71	$238,416	$19,520	
16 150 Watt Lamp (176 Watt Total)	62	31,815	$1.57	$49,949	16 150 Watt Lamp (176 Watt Total)	31,815	$1.71	$54,403	$4,454	
17 250 Watt Lamp (293 Watt Total)	103	6,300	$1.57	$9,891	17 250 Watt Lamp (293 Watt Total)	6,300	$1.71	$10,773	$882	
18 400 Watt Lamp (498 Watt Total)	174	1,848	$1.57	$2,901	18 400 Watt Lamp (498 Watt Total)	1,848	$1.71	$3,160	$259	
Contribution Seasonal Fixture Charges					Contribution Seasonal Fixture Charges					
19 50 Watt Lamp (60 Watt Total)		208	$1.57	$327	19 50 Watt Lamp (60 Watt Total)	208	$1.71	$356	$29	
20 70 Watt Lamp (85 Watt Total)		12	$1.57	$19	20 70 Watt Lamp (85 Watt Total)	12	$1.71	$21	$2	
21 100 Watt Lamp (121 Watt Total)		768	$1.57	$1,206	21 100 Watt Lamp (121 Watt Total)	768	$1.71	$1,313	$107	
22 150 Watt Lamp (176 Watt Total)		0	$1.57	$0	22 150 Watt Lamp (176 Watt Total)	0	$1.71	$0	$0	
23 250 Watt Lamp (293 Watt Total)		0	$1.57	$0	23 250 Watt Lamp (293 Watt Total)	0	$1.71	$0	$0	
24 400 Watt Lamp (498 Watt Total)		0	$1.57	$0	24 400 Watt Lamp (498 Watt Total)	0	$1.71	$0	$0	
Contribution Reduced Hours Fixture Charges					Contribution Reduced Hours Fixture Charges					
25 150 Watt Lamp (176 Watt Total)	29	0	$1.57	$0	25 150 Watt Lamp (176 Watt Total)	0	$1.71	$0	$0	
Customer Lighting Fixture Charges					Customer Lighting Fixture Charges					
26 50 Watt Lamp (60 Watt Total)	21	204	$0.76	$155	26 50 Watt Lamp (60 Watt Total)	204	$0.83	$169	$14	
27 70 Watt Lamp (85 Watt Total)	30	168	$0.76	$128	27 70 Watt Lamp (85 Watt Total)	168	$0.83	$139	$11	
28 100 Watt Lamp (121 Watt Total)	42	2,628	$0.76	$1,997	28 100 Watt Lamp (121 Watt Total)	2,628	$0.83	$2,181	$184	
29 150 Watt Lamp (176 Watt Total)	62	4,344	$0.76	$3,301	29 150 Watt Lamp (176 Watt Total)	4,344	$0.83	$3,606	$305	
30 250 Watt Lamp (293 Watt Total)	103	792	$0.76	$602	30 250 Watt Lamp (293 Watt Total)	792	$0.83	$657	$55	
31 400 Watt Lamp (498 Watt Total)	174	432	$0.76	$328	31 400 Watt Lamp (498 Watt Total)	432	$0.83	$359	$31	
32 Total Fixture Charges		1,716,080		$8,122,384	32 Total Fixture Charges	1,716,080		$8,835,379	$712,995	8.8%
Miscellaneous Charges					Miscellaneous Charges					
33 Pole Charge		20,979	$7.45	$156,294	33 Pole Charge	20,979	$8.10	$169,930	$13,636	
34 Fixture Service		660	$0.89	$587	34 Fixture Service	660	$0.97	$640	$53	
35 Total Miscellaneous Charges		21,639		$156,881	35 Total Miscellaneous Charges	21,639		$170,570	$13,689	8.7%
NGC per kWh Charges					NGC per kWh Charges					
36 Summer kWh		21,771,536	$0.000107	$2,330	36 Summer kWh	21,771,536	$0.000107	$2,330	$0	0.0%
37 Winter kWh		43,490,345	$0.000107	$4,653	37 Winter kWh	43,490,345	$0.000107	$4,653	$0	0.0%
38 All kWh		65,261,881		$6,983	38 All kWh	65,261,881		$6,983	$0	0.0%
SBC per kWh Charges					SBC per kWh Charges					
39 All kWh		65,261,881	$0.006577	$429,227	39 All kWh	65,261,881	$0.006577	$429,227	$0	0.0%
Distribution per kWh Charges					Distribution per kWh Charges					
40 Seasonal Distr. Charge {3}		68,244	$0.043172	$2,946	40 Seasonal Distr. Charge {3}	68,244	$0.046926	$3,202	$256	
41 Reduced Lighting Hours Adj {4}		0	$0.043172	$0	41 Reduced Lighting Hours Adj {4}	0	$0.046926	$0	$0	
42 All kWh		65,261,881	$0.043172	$2,817,486	42 All kWh	65,261,881	$0.046926	$3,062,479	$244,993	
43 Total Distribution Charge		65,261,881		$2,820,432		65,261,881		$3,065,681	$245,249	8.7%
BGS per kWh Charges					BGS per kWh Charges					
44 Summer kWh		21,771,536	$0.052138	$1,135,124	44 Summer kWh	21,771,536	$0.052138	$1,135,124	$0	0.0%
45 Winter kWh		43,490,345	$0.053545	$2,328,691	45 Winter kWh	43,490,345	$0.053545	$2,328,691	$0	0.0%
46 Total BGS Charge		65,261,881		$3,463,815	46 Total BGS Charge	65,261,881		$3,463,815	$0	0.0%
Transmission per kWh Charges					Transmission per kWh Charges					
47 All kWh		65,261,881	$0.000000	$0	47 All kWh	65,261,881	$0.000000	$0	$0	0.0%
System Control Charges					System Control Charges					
48 All kWh		65,261,881	$0.004000	$261,048	48 All kWh	65,261,881	$0.004000	$261,048	$0	0.0%
RGGI Recovery Charges					RGGI Recovery Charges					
49 All kWh		65,261,881	$0.000000	$0	49 All kWh	65,261,881	$0.000000	$0	$0	0.0%
Tax Act djustment					Tax Act djustment					
50 All kWh		65,261,881	-$0.001470	-$95,935	50 All kWh	65,261,881	-$0.001470	-$95,935	$0	0.0%
50 Total Charges		65,261,881		$15,164,835	50 Total Charges	65,261,881		$16,136,768	$971,933	6.4%

{1} Rates effective 2/1/2020
{2} Proposed rates effective TBD
{3} Distribution kWh charge applied to kWh that seasonal lights would have used if they continued to operate
{4} Distribution kWh charge applied to additional kWh that lights would have used on the standard illumination schedule

Confidential For Settlement Purposes Only

Jersey Central Power & Light Company

Based on 2019/2020 12+0 Weather Normalized Billing Determinants (Excludes SUT)

Mercury Vapor Street Lighting Service (MVL)

Description of Charge	Monthly kWh Per Unit	Weather Normalized 2019/2020 12+0 Units (a)	Current Rates {1} (b)	Revenue Based on Current Rates (c) = (a) x (b)	Description of Charge	Weather Normalized 2019/2020 12+0 Units (d)	Proposed Rates {2} (e)	Revenue Based on Proposed Rates (f) = (d) x (e)	Change in Revenue (g) = (f) - (c)	Percentage Change in Revenue (h) = (g) / (c)
Company Lighting Fixture Charges					Company Lighting Fixture Charges					
1 100 Watt Lamp (121 Watt Total)	42	440,717	$3.90	$1,718,796	1 100 Watt Lamp (121 Watt Total)	440,717	$4.24	$1,868,640	$149,844	
2 175 Watt Lamp (211 Watt Total)	74	18,921	$3.90	$73,792	2 175 Watt Lamp (211 Watt Total)	18,921	$4.24	$80,225	$6,433	
3 250 Watt Lamp (295 Watt Total)	103	5,771	$3.90	$22,507	3 250 Watt Lamp (295 Watt Total)	5,771	$4.24	$24,469	$1,962	
4 400 Watt Lamp (468 Watt Total)	164	1,541	$4.23	$6,518	4 400 Watt Lamp (468 Watt Total)	1,541	$4.60	$7,089	$571	
5 700 Watt Lamp (803 Watt Total)	281	0	$5.12	$0	5 700 Watt Lamp (803 Watt Total)	0	$5.57	$0	$0	
6 1000 Watt Lamp (1135 Watt Total)	397	0	$5.12	$0	6 1000 Watt Lamp (1135 Watt Total)	0	$5.57	$0	$0	
Company Seasonal Fixture Charges					Company Seasonal Fixture Charges					
7 100 Watt Lamp (121 Watt Total)		0	$3.90	$0	7 100 Watt Lamp (121 Watt Total)	0	$4.24	$0	$0	
8 175 Watt Lamp (211 Watt Total)		0	$3.90	$0	8 175 Watt Lamp (211 Watt Total)	0	$4.24	$0	$0	
9 250 Watt Lamp (295 Watt Total)		0	$3.90	$0	9 250 Watt Lamp (295 Watt Total)	0	$4.24	$0	$0	
10 400 Watt Lamp (468 Watt Total)		0	$4.23	$0	10 400 Watt Lamp (468 Watt Total)	0	$4.60	$0	$0	
11 700 Watt Lamp (803 Watt Total)		0	$5.12	$0	11 700 Watt Lamp (803 Watt Total)	0	$5.57	$0	$0	
12 1000 Watt Lamp (1135 Watt Total)		0	$5.12	$0	12 1000 Watt Lamp (1135 Watt Total)	0	$5.57	$0	$0	
Contribution Lighting Fixture Charges					Contribution Lighting Fixture Charges					
13 100 Watt Lamp (121 Watt Total)	42	11,428	$1.48	$16,913	13 100 Watt Lamp (121 Watt Total)	11,428	$1.61	$18,399	$1,486	
14 175 Watt Lamp (211 Watt Total)	74	1,116	$1.48	$1,652	14 175 Watt Lamp (211 Watt Total)	1,116	$1.61	$1,797	$145	
15 250 Watt Lamp (295 Watt Total)	103	0	$1.48	$0	15 250 Watt Lamp (295 Watt Total)	0	$1.61	$0	$0	
16 400 Watt Lamp (468 Watt Total)	164	0	$1.48	$0	16 400 Watt Lamp (468 Watt Total)	0	$1.61	$0	$0	
17 700 Watt Lamp (803 Watt Total)	281	0	$1.48	$0	17 700 Watt Lamp (803 Watt Total)	0	$1.61	$0	$0	
18 1000 Watt Lamp (1135 Watt Total)	397	0	$1.48	$0	18 1000 Watt Lamp (1135 Watt Total)	0	$1.61	$0	$0	
Customer Lighting Fixture Charges					Customer Lighting Fixture Charges					
19 100 Watt Lamp (121 Watt Total)	42	498	$0.75	$374	19 100 Watt Lamp (121 Watt Total)	498	$0.82	$408	$34	
20 175 Watt Lamp (211 Watt Total)	74	0	$0.75	$0	20 175 Watt Lamp (211 Watt Total)	0	$0.82	$0	$0	
21 250 Watt Lamp (295 Watt Total)	103	36	$0.75	$27	21 250 Watt Lamp (295 Watt Total)	36	$0.82	$30	$3	
22 400 Watt Lamp (468 Watt Total)	164	60	$0.75	$45	22 400 Watt Lamp (468 Watt Total)	60	$0.82	$49	$4	
23 700 Watt Lamp (803 Watt Total)	281	0	$0.75	$0	23 700 Watt Lamp (803 Watt Total)	0	$0.82	$0	$0	
24 1000 Watt Lamp (1135 Watt Total)	397	0	$0.75	$0	24 1000 Watt Lamp (1135 Watt Total)	0	$0.82	$0	$0	
25 Total Fixture Charges		480,088		$1,840,624	25 Total Fixture Charges	480,088		$2,001,106	$160,482	8.7%
Miscellaneous Charges					Miscellaneous Charges					
26 Pole Charge		3,159	$7.45	$23,535	26 Pole Charge	3,159	$8.10	$25,588	$2,053	
27 Fixture Service		288	$0.73	$210	27 Fixture Service	288	$0.79	$228	$18	
28 Total Miscellaneous Charges		3,447		$23,745	28 Total Miscellaneous Charges	3,447		$25,816	$2,071	8.7%
NGC per kWh Charges					NGC per kWh Charges					
29 Summer kWh		7,140,623	$0.000107	$764	29 Summer kWh	7,140,623	$0.000107	$764	$0	0.0%
30 Winter kWh		14,213,813	$0.000107	$1,521	30 Winter kWh	14,213,813	$0.000107	$1,521	$0	0.0%
31 Total NGC Charges		21,354,436		$2,285	31 Total NGC Charges	21,354,436		$2,285	$0	0.0%
SBC per kWh Charges					SBC per kWh Charges					
32 All kWh		21,354,436	$0.006577	$140,448	32 All kWh	21,354,436	$0.006577	$140,448	$0	0.0%
Distribution per kWh Charges					Distribution per kWh Charges					
33 Seasonal Distr. Charge {3}		0	$0.043172	$0	33 Seasonal Distr. Charge {3}	0	$0.046926	$0	$0	
34 All kWh		21,354,436	$0.043172	$921,914	34 All kWh	21,354,436	$0.046926	$1,002,078	$80,164	
35 Total Distribition kWh Charges		21,354,436		$921,914	35 All kWh	21,354,436		$1,002,078	$80,164	8.7%
BGS per kWh Charges					BGS per kWh Charges					
36 Summer kWh		7,140,623	$0.052138	$372,298	36 Summer kWh	7,140,623	$0.052138	$372,298	$0	0.0%
37 Winter kWh		14,213,813	$0.053545	$761,079	37 Winter kWh	14,213,813	$0.053545	$761,079	$0	0.0%
38 Total BGS Charges		21,354,436		$1,133,377	38 Total BGS Charges	21,354,436		$1,133,377	$0	0.0%
Transmission per kWh Charges					Transmission per kWh Charges					
39 All kWh		21,354,436	$0.000000	$0	39 All kWh	21,354,436	$0.000000	$0	$0	0.0%
System Control Charges					System Control Charges					
40 All kWh		21,354,436	$0.004000	$85,418	40 All kWh	21,354,436	$0.004000	$85,418	$0	0.0%
RGGI Recovery Charges					RGGI Recovery Charges					
41 All kWh		21,354,436	$0.000000	$0	41 All kWh	21,354,436	$0.000000	$0	$0	0.0%
Tax Act djustment					Tax Act djustment					
42 All kWh		21,354,436	-$0.001470	-$31,391	42 All kWh	21,354,436	-$0.001470	-$31,391	$0	0.0%
42 Total Charges		21,354,436		$4,116,420	42 Total Charges	21,354,436		$4,359,137	$242,717	5.9%

{1} Rates effective 2/1/2020
{2} Proposed rates effective TBD

{3} Distribution kWh charge applied to kWh that seasonal lights would have used if they continued to operate

Confidential For Settlement Purposes Only

Jersey Central Power & Light Company

Based on 2019/2020 12+0 Weather Normalized Billing Determinants (Excludes SUT)
Incandescent Street Lighting Service (ISL)

Description of Charge	Monthly kWh Per Unit	Weather Normalized 2019/2020 12+0 Units (a)	Current Rates {1} (b)	Revenue Based on Current Rates (c) = (a) x (b)	Description of Charge	Weather Normalized 2019/2020 12+0 Units (d)	Proposed Rates {2} (e)	Revenue Based on Proposed Rates (f) = (d) x (e)	Change in Revenue (g) = (f) - (c)	Percentage Change in Revenue (h) = (g) / (c)
Company Lighting Fixture Charges					Company Lighting Fixture Charges					
1 105 Watt Lamp	37	92,690	$1.65	$152,938	1 105 Watt Lamp	92,690	$1.79	$165,915	$12,977	
2 205 Watt Lamp	72	12,810	$1.65	$21,136	2 205 Watt Lamp	12,810	$1.79	$22,929	$1,793	
3 327 Watt Lamp	114	2,838	$1.65	$4,683	3 327 Watt Lamp	2,838	$1.79	$5,080	$397	
4 448 Watt Lamp	157	204	$1.65	$337	4 448 Watt Lamp	204	$1.79	$365	$28	
5 690 Watt Lamp	242	36	$1.65	$59	5 690 Watt Lamp	36	$1.79	$64	$5	
6 860 Watt Lamp	301	0	$1.65	$0	6 860 Watt Lamp	0	$1.79	$0	$0	
7 Seasonal 105 Watt Lamp	0	72	$1.65	$119	7 Seasonal 105 Watt Lamp	72	$1.79	$129	$10	
8 Seasonal 205 Watt Lamp	0	0	$1.65	$0	8 Seasonal 205 Watt Lamp	0	$1.79	$0	$0	
9 Seasonal 327 Watt Lamp	0	0	$1.65	$0	9 Seasonal 327 Watt Lamp	0	$1.79	$0	$0	
10 Seasonal 448 Watt Lamp	0	0	$1.65	$0	10 Seasonal 448 Watt Lamp	0	$1.79	$0	$0	
11 Seasonal 690 Watt Lamp	0	0	$1.65	$0	11 Seasonal 690 Watt Lamp	0	$1.79	$0	$0	
12 Seasonal 860 Watt Lamp	0	0	$1.65	$0	12 Seasonal 860 Watt Lamp	0	$1.79	$0	$0	
13 Fire Alarm/Police Box Lamp	9	144	$0.97	$140	13 Fire Alarm/Police Box Lamp	144	$1.05	$151	$11	
14 Fire Alarm/Police Box Lamp-24 hr.	18	1,020	$0.28	$286	14 Fire Alarm/Police Box Lamp-24 h	1,020	$0.30	$306	$20	
Customer Lighting Fixture Charges					Customer Lighting Fixture Charges					
15 105 Watt Lamp	37	84	$0.75	$63	15 105 Watt Lamp	84	$0.82	$69	$6	
16 205 Watt Lamp	72	48	$0.75	$36	16 205 Watt Lamp	48	$0.82	$39	$3	
17 327 Watt Lamp	114	0	$0.75	$0	17 327 Watt Lamp	0	$0.82	$0	$0	
18 448 Watt Lamp	157	0	$0.75	$0	18 448 Watt Lamp	0	$0.82	$0	$0	
19 690 Watt Lamp	242	12	$0.75	$9	19 690 Watt Lamp	12	$0.82	$10	$1	
20 860 Watt Lamp	301	0	$0.75	$0	20 860 Watt Lamp	0	$0.82	$0	$0	
21 Total Fixture Charges		109,958		$179,806	21 Total Fixture Charges	109,958		$195,057	$15,251	8.5%
Miscellaneous Charges					Miscellaneous Charges					
22 Fixture Service		1,680	$0.89	$1,495	22 Fixture Service	1,680	$0.97	$1,630	$135	9.0%
		111,638								
NGC per kWh Charges					NGC per kWh Charges					
23 Summer kWh		1,595,998	$0.000107	$171	23 Summer kWh	1,595,998	$0.000107	$171	$0	0.0%
24 Winter kWh		3,162,527	$0.000107	$338	24 Winter kWh	3,162,527	$0.000107	$338	$0	0.0%
25 Total NGC Charges		4,758,525		$509	25 Total NGC Charges	4,758,525		$509	$0	0.0%
SBC per kWh Charges					SBC per kWh Charges					
26 All kWh		4,758,525	$0.006577	$31,297	26 All kWh	4,758,525	$0.006577	$31,297	$0	0.0%
Distribution per kWh Charges					Distribution per kWh Charges					
27 Seasonal Distr. Charge {3}		2,664	$0.043172	$115	27 Seasonal Distr. Charge {3}	2,664	$0.046926	$125	$10	
28 All kWh		4,758,525	$0.043172	$205,435	28 All kWh	4,758,525	$0.046926	$223,299	$17,864	
29 Total Distribition kWh Charges		4,758,525		$205,550	29 Total Distribition kWh Charges	4,758,525		$223,424	$17,874	8.7%
BGS per kWh Charges					BGS per kWh Charges					
30 Summer kWh		1,595,998	$0.052138	$83,212	30 Summer kWh	1,595,998	$0.052138	$83,212	$0	0.0%
31 Winter kWh		3,162,527	$0.053545	$169,338	31 Winter kWh	3,162,527	$0.053545	$169,338	$0	0.0%
32 Total BGS Charges		4,758,525		$252,550	32 Total BGS Charges	4,758,525		$252,550	$0	0.0%
Transmission per kWh Charges					Transmission per kWh Charges					
33 All kWh		4,758,525	$0.000000	$0	33 All kWh	4,758,525	$0.000000	$0	$0	0.0%
System Control Charges					System Control Charges					
34 All kWh		4,758,525	$0.004000	$19,034	34 All kWh	4,758,525	$0.004000	$19,034	$0	0.0%
RGGI Recovery Charges					RGGI Recovery Charges					
35 All kWh		4,758,525	$0.000000	$0	35 All kWh	4,758,525	$0.000000	$0	$0	0.0%
Tax Act djustment					Tax Act djustment					
36 All kWh		4,758,525	-$0.001470	-$6,995	36 All kWh	4,758,525	-$0.001470	-$6,995	$0	0.0%
37 Total Charges		4,758,525		$683,246	37 Total Charges	4,758,525		$716,506	$33,260	4.9%

{1} Rates effective 2/1/2020
{2} Proposed rates effective TBD
{3} Distribution kWh charge applied to kWh that seasonal lights would have used if they continued to operate

Confidential For Settlement Purposes Only

Jersey Central Power & Light Company

Based on 2019/2020 12+0 Weather Normalized Billing Determinants (Excludes SUT)

LED Street Lighting Service (LED)

Description of Charge	Monthly kWh Per Unit	Weather Normalized 2019/2020 12+0 Units (a)	Current Rates {1} (b)	Revenue Based on Current Rates (c) = (a) x (b)	Description of Charge	Weather Normalized 2019/2020 12+0 Units (d)	Proposed Rates {2} (e)	Revenue Based on Proposed Rates (f) = (d) x (e)	Change in Revenue (g) = (f) - (c)	Percentage Change in Revenue (h) = (g) / (c)
Company Lighting Fixture Charges					Company Lighting Fixture Charges					
1 50 Watt Cobra Head Lamp	18	2,063	$5.97	$12,317	1 50 Watt Cobra Head Lamp	2,063	$6.03	$12,441	$124	
2 90 Watt Cobra Head Lamp	32	2,207	$6.60	$14,566	2 90 Watt Cobra Head Lamp	2,207	$6.52	$14,390	-$176	
3 130 Watt Cobra Head Lamp	46	989	$7.86	$7,774	3 130 Watt Cobra Head Lamp	989	$7.41	$7,328	-$446	
4 260 Watt Cobra Head Lamp	91	878	$10.16	$8,920	4 260 Watt Cobra Head Lamp	878	$9.42	$8,271	-$649	
5 50 Watt Acorn Lamp	18	240	$14.30	$3,432	5 50 Watt Acorn Lamp	240	$15.44	$3,706	$274	
6 90 Watt Acorn Lamp	32	0	$14.95	$0	6 90 Watt Acorn Lamp	0	$14.91	$0	$0	
7 50 Watt Colonial Lamp	18	333	$8.18	$2,724	7 50 Watt Colonial Lamp	333	$8.67	$2,887	$163	
8 90 Watt Colonial Lamp	32	410	$11.60	$4,756	8 90 Watt Colonial Lamp	410	$10.42	$4,272	-$484	
		7,120		$54,489		7,120		$53,295	-$1,194	-2.2%
Miscellaneous Charges					Miscellaneous Charges					
9 Pole Charge		0	$7.45	$0	9 Pole Charge	0	$8.10	$0	$0	0.0%
		7,120						$53,295		
NGC per kWh Charges					NGC per kWh Charges					
10 Summer kWh		70,168	$0.000107	$8	10 Summer kWh	70,168	$0.000107	$8	$0	0.0%
11 Winter kWh		186,416	$0.000107	$20	11 Winter kWh	186,416	$0.000107	$20	$0	0.0%
12 Total NGC Charges		256,584		$28	12 Total NGC Charges	256,584		$28	$0	0.0%
SBC per kWh Charges					SBC per kWh Charges					
13 All kWh		256,584	$0.006577	$1,688	13 All kWh	256,584	$0.006577	$1,688	$0	0.0%
Distribution per kWh Charges					Distribution per kWh Charges					
14 All kWh		256,584	$0.043172	$11,077	14 All kWh	256,584	$0.046926	$12,040	$963	
15 Total Distribition kWh Charges		256,584		$11,077	15 Total Distribition kWh Charges	256,584		$12,040	$963	8.7%
BGS per kWh Charges					BGS per kWh Charges					
16 Summer kWh		70,168	$0.052138	$3,658	16 Summer kWh	70,168	$0.052138	$3,658	$0	0.0%
17 Winter kWh		186,416	$0.053545	$9,982	17 Winter kWh	186,416	$0.053545	$9,982	$0	0.0%
18 Total BGS Charges		256,584		$13,640	18 Total BGS Charges	256,584		$13,640	$0	0.0%
Transmission per kWh Charges					Transmission per kWh Charges					
19 All kWh		256,584	$0.000000	$0	19 All kWh	256,584	$0.000000	$0	$0	0.0%
System Control Charges					System Control Charges					
20 All kWh		256,584	$0.004000	$1,026	20 All kWh	256,584	$0.004000	$1,026	$0	0.0%
RGGI Recovery Charges					RGGI Recovery Charges					
21 All kWh		256,584	$0.000000	$0	21 All kWh	256,584	$0.000000	$0	$0	0.0%
Tax Act djustment					Tax Act djustment					
22 All kWh		256,584	-$0.001470	-$377	22 All kWh	256,584	-$0.001470	-$377	$0	0.0%
23 Total Charges		256,584		$81,571	23 Total Charges	256,584		$81,340	-$231	-0.3%

{1} Rates effective 2/1/2020
{2} Proposed rates effective TBD

Attachment 4

Monthly Amortization Amounts For Cost of Removal Regulatory Liability	
Month	**Amortization to Income**
January	7,397,616
February	6,679,078
March	6,452,050
April	6,610,829
May	7,259,582
June	10,265,464
July	13,730,623
August	12,081,117
September	8,772,456
October	6,947,180
Total	86,195,994

Attachment 5

FERC Account	GENERAL PLANT	Depreciation Rates
389.20	LAND RIGHTS	4.000
390.10	STRUCTURES AND IMPROVEMENTS	1.390
390.20	STRUCTURES AND IMPROVEMENTS - CLEARING	0.450
391.10	OFFICE FURNITURE	4.000
391.15	OFFICE EQUIPMENT	5.000
391.20	PERSONAL COMPUTERS	20.000
391.25	INFORMATION SYSTEMS	20.000
392.00	TRANSPORTATION EQUIPMENT	4.480
393.00	STORES EQUIPMENT	3.330
394.00	TOOLS, SHOP AND GARAGE EQUIPMENT	4.000
395.00	LABORATORY EQUIPMENT	5.000
396.00	POWER OPERATED EQUIPMENT	3.230
397.00	COMMUNICATION EQUIPMENT	5.000
398.00	MISCELLANEOUS EQUIPMENT	5.000

Attachment 6

Attachment 6
Tree Reliability Reporting Template

Blue-Sky

Reliability Performance	Baseline (2016-2020)	Year 1	Year 2	Year 3	Year 4
Tree SAIFI					
System SAIFI					
Tree as % Contribution					

Annual Outage Frequency and Duration

Metric	Year 1	Year 2	Year 3	Year 4	% change
Customers Impacted (System) (#)					
Customers Impacted (Tree)					
Tree as % Contribution to SAIFI					
Customers Impacted (System) (min)					
Customers Impacted (Tree)					
Tree as % Contribution to SAIDI				Year 4	

Including Major Events

Metric	Year 1	Year 2	Year 3	Year 4	% change
Customers Impacted (System) (#)					
Customers Impacted (Tree)					

Tree as % Contribution to SAIFI					
Customers Impacted (System) (min)					
Customers Impacted (Tree)					
Tree as % Contribution to SAIDI					

Tree Trimming Metrics

Metric	Year 1	Year 2	Year 3	Year 4	% change
Number of Hazard trees identified for removal					
Number of Hazard trees removed					
Number of hazard tree removals denied by homeowners or other parties					
Number of Danger trees identified for removal					
Number of Danger trees removed					
Number of danger tree removals denied by homeowners or other parties					