| 92DC42 | 667.313 .0418 - Telephone |
| :--- | :--- |
| PO Box 6066 | 302.429.3801 - Facsimile |
| Newark, DE 19714-6066 | philip.passanante@pepcoholdings.com |
|  |  |
| 500 N. Wakefield Drive | atlanticcityelectric.com |
| Newark, DE 19702 |  |

May 1, 2023

## VIA ELECTRONIC MAIL

sherri.golden@bpu.nj.gov
board.secretary@bpu.nj.gov
Sherri L. Golden
Secretary of the Board
Board of Public Utilities
44 South Clinton Avenue, $1^{\text {st }}$ Floor
P.O. Box 350

Trenton, New Jersey 08625-0350
RE: In the Matter of the Petition of Atlantic City Electric Company for Approval of Electric Base Rate Adjustments Pursuant to Its Infrastructure Investment Program (05/2023)
BPU Docket No. ER23050272
Dear Secretary Golden:
On behalf of Atlantic City Electric Company ("ACE" or the "Company"), enclosed for filing is an electronic copy of a Petition, along with the supporting exhibits, testimony, and schedules, pertaining to ACE's Infrastructure Investment Program (the "ACE IIP"). By this filing, the Company seeks cost recovery for certain investments made under the Board of Public Utilities' (the "Board" or "BPU") approved ACE IIP and the applicable IIP regulations. A draft Public Notice is attached to the Petition as Exhibit I. As contemplated in a Decision and Order Approving Stipulation of Settlement dated April 18, 2019 and the Order Modifying Stipulation issued by the Board on November 13, 2019, ${ }^{1}$ this is the fourth and final roll-in filing under the ACE IIP.

Pursuant to the Order issued by the Board in connection with In the Matter of the New Jersey Board of Public Utilities' Response to the COVID-19 Pandemic for a Temporary Waiver of Requirements for Certain Non-Essential Obligations, BPU Docket No. EO20030254, Order dated March 19, 2020, these documents are being electronically filed with the Secretary of the Board, the Division of Law, and the New Jersey Division of Rate Counsel. No paper copies will follow.

[^0]Sherri L. Golden
May 1, 2023
Page 2
ACE respectfully requests that the Board retain jurisdiction of this matter and render a decision thereon so that rates can be put into effect by no later than October 1, 2023.

Thank you for your consideration and courtesies. Feel free to contact me with any questions or if I can be of further assistance.


Enclosure
cc: $\quad$ Service List (via electronic mail)

IN THE MATTER OF THE PETITION
OF ATLANTIC CITY ELECTRIC COMPANY FOR APPROVAL OF RATE ADJUSTMENTS PURSUANT TO ITS INFRASTRUCTURE INVESTMENT PROGRAM (05/2023)

## STATE OF NEW JERSEY BOARD OF PUBLIC UTILITIES

BPU DOCKET NO. ER23050272
CERTIFIED PETITION ${ }^{1}$

ATLANTIC CITY ELECTRIC COMPANY ("ACE" or the "Company"), a corporation organized and existing under the laws of the State of New Jersey, which is subject to the jurisdiction of the New Jersey Board of Public Utilities (the "Board" or "BPU"), and which maintains a regional office at 5100 Harding Highway, Mays Landing, New Jersey 08330, respectfully petitions the Board as follows:

## I. INTRODUCTION, OVERVIEW AND FILING HISTORY

1. ACE is a public utility engaged in the transmission and distribution of electric energy for light, heat, and power to residential, commercial, and industrial customers. The Company's service territory comprises eight counties located in southern New Jersey and includes approximately 565,000 customers. ACE is a wholly owned subsidiary of Pepco Holdings LLC ("PHI"), a limited liability company organized and existing under the laws of the State of Delaware. PHI is, in turn, a subsidiary of Exelon Corporation ("Exelon"). ${ }^{2}$
2. The Board has jurisdiction over ACE for the purposes of setting ACE's retail distribution rates, and to assure the provision of safe, adequate, and proper electric distribution service. See N.J.S.A. 48:2-13; N.J.S.A. 48:2-23.

[^1]3. With this Petition, ACE seeks the Board's approval of rate changes to provide for cost recovery associated with the Company's Infrastructure Investment Program (the "ACE IIP"). As described in detail in the Direct Testimony of Company Witness Perry, the ACE IIP was approved by an Order of the Board dated April 18, 2019, effective April 28, 2019 (the "2019 ACE IIP Order"). ${ }^{3}$ Through the 2019 ACE IIP Order, the Board adopted a Stipulation of Settlement (the "2019 ACE IIP Stipulation") that, among other things, included a schedule of future rate filings consistent with the approved ACE IIP. ${ }^{4}$ That filing schedule was subsequently modified by the Board on November 13, 2019. ${ }^{5}$ Specifically, the Board approved a revision to the filing schedule in the 2019 ACE IIP Stipulation ("Order Modifying Stipulation"), thereby allowing the Company to make its first ACE IIP rate filing on May 1, 2020 for investments made and placed into service between July 1, 2019 and June 30, 2020, with new rates effective October 1, 2020. The remainder of the filing schedule contained in Exhibit C of the 2019 ACE IIP Stipulation remained unchanged.
4. On November 1, 2021, the Company filed its third rate filing (the "Third IIP RollIn Filing") under the Board-approved ACE IIP. The Third IIP Roll-In Filing was assigned BPU Docket No. ER21111206 and covered $\$ 17,000,000$ in investments in eligible plant placed into service during the period January 1, 2021 through December 31, $2021 .{ }^{6}$ On January 21, 2022, the

[^2]Company provided an update to the Third IIP Roll-In Filing to include actual Infrastructure Investment Program ("IIP") expenditures through December 31, 2021 (the "January 2022 Update"). The January 2022 Update included an updated revenue requirement of \$2,149,012 associated with actual IIP investments placed in service totaling approximately $\$ 16,129,594$. The Third IIP Roll-In Filing was resolved by way of a Decision and Order Approving Stipulation released by the Board on March 23, 2022. Through the instant filing, ACE seeks to recover the revenue requirement associated with IIP plant-in-service additions for the period January 1, 2022 through and including June 30, 2023 (the "Final IIP Roll-In Period"). This is the last roll-in filing contemplated as part of the ACE IIP.

## II. BACKGROUND

5. On December 19, 2017, pursuant to N.J.A.C. 14:3-2A. 1 et seq. (the "IIP Regulations"), the Board established a regulatory mechanism to support IIPs by providing incentives to utilities to accelerate investment in the construction, installation, and rehabilitation of certain types of necessary non-revenue producing utility plant and facilities. The IIP Regulations became effective on January 16, 2018, and allow a utility to accelerate recovery of qualifying incremental investments, subject to the terms of the regulations and any other conditions imposed by the Board in approving an individual utility's IIP. The IIP Regulations also provide for approved IIP accelerated costs to be recovered through a separate clause of the utility's Boardapproved tariff.
6. On March 1, 2018, ACE filed a Verified Petition for approval of the ACE IIP and a related cost recovery mechanism pursuant to the IIP Regulations. As initially proposed by the Company, the ACE IIP was a four-year, $\$ 338.2$ million initiative focused on system reliability, storm resiliency and safety, and support for economic growth in ACE's service territory.
7. Following two local public hearings in ACE's service territory, several months of discovery, and extensive negotiations, the parties to the proceeding executed the 2019 ACE IIP Stipulation, recommending that the Board approve an ACE IIP consisting of $\$ 96.4$ million of accelerated capital investments and a related cost recovery mechanism. ${ }^{7}$
8. As noted in Paragraph 3 above, the 2019 ACE IIP Order became effective on April 28, 2019 and approved the ACE IIP as described in detail in the 2019 ACE IIP Stipulation. The ACE IIP consists of the specific projects set out in Exhibit A of the 2019 ACE IIP Stipulation, with a total investment of $\$ 96.46$ million over the period July 1, 2019 through June 30, 2023. The ACE IIP projects include significant investments in substations, communications networks, distributed automation, and reclosers. The ACE IIP projects are intended to improve distribution system safety, reliability, and resiliency to the benefit of ACE customers, and to help sustain economic growth in the Company's service territory - a consideration that is particularly important given the ongoing and residual economic impacts associated with the COVID-19 pandemic. Additional information regarding the individual projects is contained in the Direct Testimony of Company Witnesses Brubaker, Savage, and Kuberski.
9. The costs of the ACE IIP are recovered through the stipulated cost recovery mechanism described in the ACE IIP Stipulation. Specifically, the Company may seek cost recovery for completed ACE IIP projects provided the plant-in-service additions during the filing period are at least $\$ 9.6$ million, and the Company is not over-earning as set forth in N.J.A.C. 14:32A.6(h) and (i). ${ }^{8}$ Costs to be recovered include the return on net plant-in-service as of the end of the reporting period, which, in this filing, is June 30, 2023. Exhibit C to the ACE IIP Stipulation

[^3]contains a detailed description of the calculation to be used when determining the amount to be recovered from customers through Rider IIP, the cost recovery rider that was approved by the Board in the 2019 ACE IIP Order. Under the current filing schedule, the Company anticipates that Rider IIP (revised to reflect this filing) will be approved by the Board and included in customers' bills beginning on or before October 1, 2023.
10. The ACE IIP Stipulation provides that the rate of return used in performing the cost recovery calculation in Exhibit C of the ACE IIP Stipulation shall be based on the overall rate of return approved in the Company's most recent base rate case. ${ }^{9}$ At the time the ACE IIP Stipulation was executed, the Company's most recent base rate case was completed in early 2019, and the overall rate of return approved in that proceeding was 7.08 percent. ${ }^{10}$ On December 9, 2020, the Company filed a Petition initiating a base rate case (the "December 2020 Base Rate Case"). ${ }^{11}$ The December 2020 Base Rate Case was resolved pursuant to a Decision and Order Adopting Initial Decision and Stipulation of Settlement, dated July 14, 2021. As a result of the December 2020 Base Rate Case settlement, ACE's current overall rate of return is 6.99 percent. It should be noted that, on February 15, 2023, ACE filed a base rate case that has been docketed by the Board as BPU Docket No. ER23020091. ${ }^{12}$

[^4]11. The ACE IIP Stipulation also provides that the rate design used in Rider IIP will be the rate design approved by the Board in the Company's most recent base rate case. ${ }^{13}$ As noted in the Direct Testimony of Company Witness Pagano, ACE is using the rate design approved in the 2020 Base Rate Case Order for purposes of the Final IIP Roll-In Filing.
12. The IIP Regulations and the ACE IIP Stipulation require the Company to file semiannual reports for project management and oversight purposes. ${ }^{14}$ The Company last complied with this requirement on or about February 8, 2023, with the filing of its semi-annual report covering the period July 1, 2022 through December 31, 2022.
13. On May 1, 2020, ACE filed a Petition (the "May 2020 IIP Petition") with the Board seeking recovery of certain actual and forecasted capital investments to be placed in-service during the period July 1, 2019 through and including June 30, 2020 ("First IIP Roll-in Period"). The Company updated its May 2020 IIP Petition to reflect ACE's actual capital expenditures for the First IIP Roll-in Period of $\$ 28,091,036$ for gross utility plant-in-service, with an associated revenue requirement of $\$ 3,718,942$. ACE, the Staff of the Board, and representatives from the New Jersey Division of Rate Counsel ("Rate Counsel") subsequently executed a Stipulation of Settlement (the "First IIP Roll-In Period Stipulation") adopting the Company's updated utility plant-in-service and associated revenue requirement amounts. The Board approved the First IIP Roll-In Period Stipulation by way of an Order dated September 23, 2020, ${ }^{15}$ and the proposed First IIP Roll-In Period rates became effective on October 1, 2020.

[^5]14. On November 2, 2020, the Company filed its second rate filing (the "Second IIP Roll-In Filing") under the Board-approved ACE IIP. The Second IIP Roll-In Filing was assigned BPU Docket No. ER20110694 and covered \$15,300,000 in investments in eligible plant placed into service during the period July 1, 2020 through December 31, 2020. ${ }^{16}$ As filed, the annual revenue requirement associated with those investments was estimated to be $\$ 1,977,768$. On January 21, 2021, the Company provided an update to the Second IIP Roll-In Filing to include actual IIP expenditures through December 31, 2020 (the "January 2020 Update"). The January 2020 Update included an updated revenue requirement of $\$ 2,312,768$ associated with IIP investments placed in service totaling approximately $\$ 17,778,270$ million. The Second IIP RollIn Filing was resolved by way of a Decision and Order Approving Stipulation released by the Board on March 24, 2021.
15. As stated in Paragraph 4 above, on November 1, 2021, the Company filed the Third IIP Roll-In Filing under the Board-approved ACE IIP and covered the period January 1, 2021 through December 31, 2021. The Third IIP Roll-In Filing was resolved by way of a Decision and Order Approving Stipulation released by the Board on March 23, 2022 and rates became effective for services rendered on and after April 1, 2022.

[^6]
## III. REQUEST FOR COST RECOVERY

16. As stated in Paragraph 4 above and consistent with the ACE IIP Stipulation, as revised by the Order Modifying Stipulation, ACE is seeking Board approval to recover the revenue requirement associated with ACE IIP investments placed in-service during the period January 1, 2022 through June 30, 2023.
17. The annual increase in the Company's electric revenue requirement associated with the ACE IIP investments for the Final IIP Roll-In Period for which the Company is seeking recovery is $\$ 2,820,394$, which represents $\$ 22,603,303$ in gross plant-in-service investments under the ACE IIP. This investment amount includes actual investments in electric plant placed into service from January 1, 2022 through March 31, 2023, and investments forecasted to be placed into service during the period April 1, 2023 through June 30, 2023. The forecasted amounts for April 1, 2023 through June 30, 2023 will be updated for actual results by July 21, 2023.
18. The foregoing investment amounts for electric plant to be placed in-service during the Final Roll-In Period exceed the $\$ 9.6$ million minimum filing threshold required by the ACE IIP Stipulation.
19. The average bill impacts of the requested rate increase are set forth in the Direct Testimony of Company Witness Pagano. For the typical residential customer using an average of 680 kilowatt hours of electricity per month, the proposed bill impact under this cost recovery filing is $\$ 0.30$ per month or approximately 0.21 percent.
20. As noted above and in the Direct Testimony of Company Witness Pagano, this filing uses the rate design from the Company's December 2020 Base Rate Case, ACE's last
concluded base rate case, as required in the ACE IIP Stipulation and approved in the ACE IIP Order. ${ }^{17}$
21. ACE respectfully requests that the Board issue an Order finding that the proposed rates, as supported by the Direct Testimony of Company Witness Pagano, are just and reasonable, and that ACE is authorized to implement the proposed rates as set forth herein, effective October 1, 2023.

## IV. TIMING OF THIS FILING

22. Exhibit C to the ACE IIP Stipulation, as revised by the Order Modifying Stipulation, contains a schedule for ACE IIP cost recovery filings and anticipated rate effective dates. The Company's filing will be updated for actual in-service investments through June 30, 2023, through an updated filing to be made on or before July 21, 2023. The anticipated rate effective date for the recovery of the investments included in this filing is October 1, 2023.
23. The Company acknowledges that rates will not be effective until proper public notice has been provided and public comment hearings have been held. In order to ensure public safety and open this filing to a broad cross section of public participation and comment, the Company respectfully requests that the Board authorize the use of virtual public hearings in this matter.
[^7]
## V. SUPPORTING TESTIMONY AND MINIMUM FILING REQUIREMENTS

24. The proposed increased revenue requirement, proposed rates, program implementation, and in-service investments addressed by this Petition are supported by the Direct Testimony and supporting schedules of the following witnesses for the Company, each of which is attached hereto and made a part hereof:

> | Amber M. Perry..............................Program Overview, Summary of Filing |
| :--- |
| Gregory W. Brubaker, |
| Matthew S. Savage and |
| Michael V. Kuberski..................IIP Program Summary, Overview of Projects, |
| In-Service Investments |

Timothy J. Pagano......................Revenue Requirement, Rate Design, Bill Impacts
25. The ACE IIP Stipulation set forth Minimum Filing Requirements ("MFRs") applicable to all ACE IIP cost recovery petitions. A table identifying each MFR and its location within this Petition is provided in Exhibit A, attached hereto.
26. During the course of this proceeding, ACE will submit any confidential, proprietary or competitively sensitive information not covered by privilege once a mutually agreed-upon Agreement of Non-Disclosure (herein, the "NDA") has been executed by and among the Company, Board Staff, Rate Counsel and its and/or their consultants, and any permitted intervenors. A form of NDA that is consistent in form and substance with NDAs used in prior cases filed by ACE will be provided to counsel for the parties.

## VI. NOTICE

27. Notice of this filing, including a statement of the overall impact thereof on customers of the Company, will be combined with notice of the date and times of the public comment hearings to be scheduled thereon, and will appear in newspapers published and/or in general circulation in Petitioner's service area, after the date and times of such public hearings have been scheduled. Said notice will also be served by mail upon the municipal clerks and the County representatives within the Company's service territory, as required by law. The notice will be duly mailed following the scheduling of the hearings and will be substantially in the form of the notice attached hereto as Exhibit I. Information regarding this filing will also be posted on the Company's website and a reference to the hearings will be available on ACE's social media outlets, including Facebook and Twitter. In addition, ACE's monthly invoices will contain a bill message referring customers to the Company's "Public Postings" page where the full text of the public notice can be found.
28. Notice of this filing along with all testimony, schedules, exhibits, and attachments (as appropriately redacted), will be sent to the Deputy Attorneys General at the Department of Law and Public Safety, and to the Director of Rate Counsel by electronic mail only. Electronic copies of the Petition, along with all testimony, schedules, Exhibits, and attachments, shall be sent to the persons identified in the Service List attached hereto. This is consistent with the Order issued by the Board in connection with In the Matter of the New Jersey Board of Public Utilities' Response to the COVID-19 Pandemic for a Temporary Waiver of Requirements for Certain Non-Essential Obligations, BPU Docket No. EO20030254 (March 19, 2020).

## VII. COMMUNICATIONS

29. Communications and correspondence concerning this proceeding should be sent to the following representatives of the Company:

Philip J. Passanante, Esquire
Assistant General Counsel
Atlantic City Electric Company - 92DC42
500 North Wakefield Drive
P.O. Box 6066

Newark, Delaware 19714-6066
Telephone: 667.313 .0418 (Teams)
Telephone: 609.909.7034 (Trenton)
E-Mail: philip.passanante@pepcoholdings.com
and
Heather Hall
Manager, New Jersey Regulatory Affairs
Atlantic City Electric Company
500 North Wakefield Drive
P.O. Box 6066

Newark, Delaware 19714-6066
Telephone: 667.313.0853 (Teams)
E-Mail: heather.hall@pepcoholdings.com
and
Mary Anne Phillips
Senior Rate Analyst
Atlantic City Electric Company
500 North Wakefield Drive
P.O. Box 6066

Newark, Delaware 19714-6066
Telephone: 856.832.5177
E-Mail: maryanne.phillips@exeloncorp.com

## VIII. CONCLUSION

WHEREFORE, Petitioner, Atlantic City Electric Company, respectfully requests that the Board retain jurisdiction of this matter and issue a timely Order:
A. authorizing ACE to recover the annual revenue requirement associated with the Final IIP Roll-In Period of $\$ 2,820,394$ as reflected in this Petition and accompanying materials, along with the anticipated updates thereto for actual in-service investments through June 30, 2023;
B. finding that the rates outlined in this Petition and in the attachments thereto are just and reasonable, and may be implemented for service rendered on and after October 1, 2023;
C. authorizing the Company to conduct virtual public comment hearings; and
D. granting such other and further relief as the Board may determine to be reasonable and appropriate.

Dated: May 1, 2023
Respectfully submitted,
ATLANTIC CITY ELECTRIC COMPANY 1

Ph lip J. Rassanante
Assistant General Counsel
Atlantic City Electric Company - 92DC42
500 North Wakefield Drive
P.O. Box 6066

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IN THE MATTER OF THE PETITION OF ATLANTIC CITY ELECTRIC COMPANY FOR APPROVAL OF RATE ADJUSTMENTS PURSUANT TO ITS INFRASTRUCTURE INVESTMENT PROGRAM (05/2023)

STATE OF NEW JERSEY
BOARD OF PUBLIC UTILITIES

## CERTIFICATION IN SUPPORT OF PETITION

AMBER M. PERRY, of full age, certifies as follows:

1. I am the Vice President of Regulatory Policy and Strategy of and for Atlantic City Electric Company ("ACE"), the Petitioner named in the foregoing Petition. I am duly authorized to make this Certification on ACE's behalf.
2. I hereby certify that I have read the contents of the foregoing Petition for approval of electric base rate adjustments pursuant to ACE's Infrastructure Investment Program and supporting documents thereto.
3. I further and finally certify that the information contained therein is true and correct to the best of my knowledge, information, and belief. I am aware that, if any of the foregoing statements made by me are willfully false, I am subject to punishment.


## Exhibit A

## Minimum Filing Requirements

# ATLANTIC CITY ELECTRIC COMPANY <br> ("ACE" or the "Company") <br> Minimum Filing Requirements ("MFR") - <br> Infrastructure Investment Program ("IIP") 

| MFR <br> Number | Requirement Description | Location In Filing |
| :---: | :---: | :---: |
| 1 | ACE's income statement for the most recent 12 month period ended on a quarter, as filed with the New Jersey Board of Public Utilities ("Board"). | Petition Exhibit B |
| 2 | ACE's balance sheet for the most recent quarter, as filed with the Board. | Petition Exhibit C |
| 3 | ACE's actual baseline capital spending for both the recovery period and the prior calendar year. | Petition Exhibit D |
| 4 | ACE's overall approved IIP capital budget broken down by major categories, both budgeted and actual amounts | Schedule (GWB, MSS, MVK)-1 |
| 5 | Distribution system and District Level CAIDI and SAIFI for the most recent 12 month period: <br> a. including Major Events; <br> b. excluding Major Events; and <br> c. Major Events only. | Petition Exhibit E |
| 6 | For each IIP project: <br> a. the original project budget; <br> b. expenditures incurred to date; <br> c. work completed, including identified tasks completed, e.g., design phase, material procurement, permit gathering, phases of construction, etc.; <br> d. anticipated project timeline, including estimated completion date, with updates and expected and unanticipated changes, along with an explanation of the reasons for any changes; and <br> e. a narrative discussion of the effectiveness of the project in improving system performance; including identification of improved facilities (including specific feeders), where appropriate. | Schedule (GWB, MSS, MVK)-1 |
| 7 | Consistent with the methodology set out in Exhibit C, a calculation of the proposed Rider IIP related to the IIP projects included in Plant-in-Service in that rate recovery period. The calculation should show the actual capital expenditure for the period for which the filing is made, as well as supporting calculations. | Schedule (TJP)-2 |
| 8 | A calculation of the associated depreciation expense, based on those projects closed to Plant-in-Service during the period. | Schedule (TJP)-1 |
| 9 | A list of any and all funds or credits received from the United States government, the State of New Jersey, a county or a municipality, for work related to any of the IIP projects, such as relocation, reimbursement or stimulus money, and an explanation of the financial treatment associated with the receipt of the government funds or credits. | Petition Exhibit F |
| 10 | Pursuant to N.J.A.C. 14:3-2A.6(h), the results of an earnings test calculation where Return on Equity shall be determined based on the actual net income of the Company for the most recent 12 -month period ended on a calendar quarter divided by the average of the beginning and ending common equity balances for the corresponding period. | Petition Exhibit G |

The earnings test calculation described in MFR 10 above is a requirement under the IIP regulations and is used to determine if it is appropriate for the Company to recover, or continue to recover, IIP costs. The following information shall be provided to the Board Staff and the New Jersey Division of Rate Counsel with each earnings review:
a. the earnings test shall contain information from the Company's official books and records, and shall be consistent with the Company's independently audited results of operations and its most recent annual report to the Board, and shall include the most recent 12 months of actual financial information ended on a calendar quarter (i.e., net income and rate of return on the average balance of common equity, per books); and
b. rate base (completed IIP net plant additions that have been deemed used and useful but are not yet included in rate base), revenues (including approved IIP revenues not yet in base revenues), expenses, taxes, capital structure, weighted average cost of capital, approved net IIP plant additions not yet in rate base, and other such relevant financial information as may be known to the Company in determining the calculation in item 11 (a) above.

## Exhibit B

## Atlantic City Electric Company

## Statement of Income

Q4/2022

This report is:
(1) $\square$ An Original
(2) $\square$ A Resubmission

## Date of Report:

12/31/2022

Year/Period of Report End of: 2022/ Q4

## STATEMENT OF INCOME

## Quarterly

1. Report in column (c) the current year to date balance. Column (c) equals the total of adding the data in column (g) plus the data in column (i) plus the data in column (k). Report in column (d) similar data for the previous year. This information is reported in the annual filing only.
2. Enter in column (e) the balance for the reporting quarter and in column (f) the balance for the same three month period for the prior year
3. Report in column (g) the quarter to date amounts for electric utility function; in column (i) the quarter to date amounts for gas utility, and in column (k) the quarter to date amounts for other utility function for the current year quarter.
 utility function for the prior year quarter.
4. If additional columns are needed, place them in a footnote.

Annual or Quarterly if applicable
Do not report fourth quarter data in columns (e) and (f)
Report amounts for accounts 412 and 413 , Revenues and Expenses from Utility Plant Leased to Others, in another utility column in a similar manner to a utility department. Spread the amount(s) over Lines 2 thru 26 as appropriate. Include these amounts in columns (c) and (d) totals.
Report amounts in account 414, Other Utility Operating Income, in the same manner as accounts 412 and 413 above.
Use page 122 for important notes regarding the statement of income for any account thereof.
Give concise explanations concerning unsettled rate proceedings where a contingency exists such that refunds of a material amount may need to be made to the utility's customers or which may result in material refund to the utility with respect to power or gas purchases. State for each year effected the gross revenues or costs to which the contingency relates and the tax effects together with an explanation of the major factors which affect the rights of the utility to retain such revenues or recover amounts paid with respect to power or gas
purchases.
Give concise explanations concerning significant amounts of any refunds made or received during the year resulting from settlement of any rate proceeding affecting revenues received or costs incurred for power or gas purchases, and a summary of the adjustments made to balance sheet, income, and expense accounts.
If any notes appearing in the report to stockholders are applicable to the Statement of Income, such notes may be included at page 122.
Enter on page 122 a concise explanation of only those changes in accounting methods made during the year which had an effect on net income, including the basis of allocations and apportionments from those used in the preceding year. Also, give the appropriate dollar effect of such changes.
Explain in a footnote if the previous year's/quarter's figures are different from that reported in prior reports.
If the columns are insufficient for reporting additional utility departments, supply the appropriate account titles report the information in a footnote to this schedule.

| Line No. | Title of Account <br> (a) | (Ref.) <br> Page <br> No. <br> (b) | Total Current Year to Date Balance for Quarter/Year <br> (c) | Total Prior Year to Date Balance for Quarter/Year <br> (d) | Current 3 <br> Months <br> Ended - <br> Quarterly <br> Only - No <br> 4th Quarter <br> (e) | Prior 3 <br> Months <br> Ended Quarterly Only - No 4th Quarter <br> (f) | Electric Utility Current Year to Date (in dollars) (g) | Electric Utility Previous Year to Date (in dollars) (h) | Gas Utiity <br> Current <br> Year to <br> Date <br> (in <br> dollars) <br> (i) | Gas Utility Previous Year to Date (in dollars) (j) | Other Utility <br> Current Year to Date (in dollars) (k) | Other Utility Previous Year to Date (in dollars) (I) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | UTILITY OPERATING INCOME |  |  |  |  |  |  |  |  |  |  |  |
| 2 | Operating <br> Revenues (400) | 300 | 1,435,012,806 | 1,424,227,562 |  |  | 1,435,012,806 | 1,424,227,562 |  |  |  |  |
| 3 | Operating <br> Expenses |  |  |  |  |  |  |  |  |  |  |  |
| 4 | Operation <br> Expenses (401) | 320 | 879,156,384 | 947,865,300 |  |  | 879,156,384 | 947,865,300 |  |  |  |  |
| 5 | Maintenance Expenses (402) | 320 | 91,206,292 | 88,797,563 |  |  | 91,206,292 | 88,797,563 |  |  |  |  |
| 6 | Depreciation Expense (403) | 336 | 158,372,937 | 143,297,760 |  |  | 158,372,937 | 143,297,760 |  |  |  |  |
| 7 | Depreciation <br> Expense for Asset Retirement Costs (403.1) | 336 |  |  |  |  |  |  |  |  |  |  |
| 8 | Amort. \& Depl. of Utility Plant (404405) | 336 | 18,018,703 | 11,797,795 |  |  | 18,018,703 | 11,797,795 |  |  |  |  |
| 9 | Amort. of Utility Plant Acq. Adj. (406) | 336 |  |  |  |  |  |  |  |  |  |  |
| 10 | Amort. Property Losses, Unrecov Plant and Regulatory Study Costs (407) |  |  |  |  |  |  |  |  |  |  |  |
| 11 | Amort. of Conversion Expenses (407.2) |  |  |  |  |  |  |  |  |  |  |  |
| 12 | Regulatory Debits (407.3) |  | 67,554,882 | 33,209,786 |  |  | 67,554,882 | 33,209,786 |  |  |  |  |
| 13 | (Less) Regulatory Credits (407.4) |  | 5,420,972 | $(207,479)$ |  |  | 5,420,972 | $(207,479)$ |  |  |  |  |



Exhibit B



## Exhibit C

Atlantic City Electric Company
Comparative Balance Sheet
Q4/2022

Exhibit C
Page 1 of 4


Exhibit C
Page 2 of 4

| 42 | (Less) Accum. Prov. for Uncollectible Acct.-Credit (144) |  | 55,365,475 | 63,970,515 |
| :---: | :---: | :---: | :---: | :---: |
| 43 | Notes Receivable from Associated Companies (145) |  |  |  |
| 44 | Accounts Receivable from Assoc. Companies (146) |  | 1,422,534 | 1,361,240 |
| 45 | Fuel Stock (151) | 227 |  |  |
| 46 | Fuel Stock Expenses Undistributed (152) | 227 |  |  |
| 47 | Residuals (Elec) and Extracted Products (153) | 227 |  |  |
| 48 | Plant Materials and Operating Supplies (154) | 227 | 42,527,244 | 36,171,580 |
| 49 | Merchandise (155) | 227 |  |  |
| 50 | Other Materials and Supplies (156) | 227 |  |  |
| 51 | Nuclear Materials Held for Sale (157) | 202/227 |  |  |
| 52 | Allowances (158.1 and 158.2) | 228 | 209,151 | 332,011 |
| 53 | (Less) Noncurrent Portion of Allowances | 228 |  |  |
| 54 | Stores Expense Undistributed (163) | 227 |  |  |
| 55 | Gas Stored Underground - Current (164.1) |  |  |  |
| 56 | Liquefied Natural Gas Stored and Held for Processing (164.2164.3) |  |  |  |
| 57 | Prepayments (165) |  | 1,062,249 | 999,911 |
| 58 | Advances for Gas (166-167) |  |  |  |
| 59 | Interest and Dividends Receivable (171) |  | 1,742 | 203 |
| 60 | Rents Receivable (172) |  | 1,068,344 | 1,282,013 |
| 61 | Accrued Utility Revenues (173) |  | 45,735,415 | 39,730,660 |
| 62 | Miscellaneous Current and Accrued Assets (174) |  | 1,578,387 | 1,675,279 |
| 63 | Derivative Instrument Assets (175) |  |  |  |
| 64 | (Less) Long-Term Portion of Derivative Instrument Assets (175) |  |  |  |
| 65 | Derivative Instrument Assets - Hedges (176) |  |  |  |
| 66 | (Less) Long-Term Portion of Derivative Instrument Assets - Hedges (176) |  |  |  |
| 67 | Total Current and Accrued Assets (Lines 34 through 66) |  | 313,386,386 | 273,359,106 |
| 68 | DEFERRED DEBITS |  |  |  |
| 69 | Unamortized Debt Expenses (181) |  | 10,195,141 | 9,746,727 |
| 70 | Extraordinary Property Losses (182.1) | 230a |  |  |
| 71 | Unrecovered Plant and Regulatory Study Costs (182.2) | 230b |  |  |
| 72 | Other Regulatory Assets (182.3) | 232 | 287,809,465 | 141,761,261 |
| 73 | Prelim. Survey and Investigation Charges (Electric) (183) |  |  |  |
| 74 | Preliminary Natural Gas Survey and Investigation Charges 183.1) |  |  |  |
| 75 | Other Preliminary Survey and Investigation Charges (183.2) |  |  |  |
| 76 | Clearing Accounts (184) |  |  |  |
| 77 | Temporary Facilities (185) |  |  |  |
| 78 | Miscellaneous Deferred Debits (186) | 233 | 37,096,430 | 47,634,954 |
| 79 | Def. Losses from Disposition of Utility Plt. (187) |  |  |  |
| 80 | Research, Devel. and Demonstration Expend. (188) | 352 |  |  |
| 81 | Unamortized Loss on Reaquired Debt (189) |  | 2,413,867 | 2,934,103 |
| 82 | Accumulated Deferred Income Taxes (190) | 234 | 127,232,549 | 145,329,393 |
| 83 | Unrecovered Purchased Gas Costs (191) |  |  |  |
| 84 | Total Deferred Debits (lines 69 through 83) |  | 464,747,452 | 347,406,438 |
| 85 | TOTAL ASSETS (lines 14-16, 32, 67, and 84) |  | 5,130,521,077 | 4,712,325,756 |

## FERC FORM No. 1 (REV. 12-03)

Exhibit C
Page 3 of 4


Exhibit C
Page 4 of 4

| 41 | Customer Deposits (235) |  | 20,648,300 | 17,793,687 |
| :---: | :---: | :---: | :---: | :---: |
| 42 | Taxes Accrued (236) | 262 | 12,678,907 | 11,006,605 |
| 43 | Interest Accrued (237) |  | 13,958,272 | 11,491,263 |
| 44 | Dividends Declared (238) |  |  |  |
| 45 | Matured Long-Term Debt (239) |  |  |  |
| 46 | Matured Interest (240) |  |  |  |
| 47 | Tax Collections Payable (241) |  | 3,659 | 4,491 |
| 48 | Miscellaneous Current and Accrued Liabilities (242) |  | 183,238,907 | 56,953,769 |
| 49 | Obligations Under Capital Leases-Current (243) |  | 3,085,311 | 2,652,160 |
| 50 | Derivative Instrument Liabilities (244) |  |  |  |
| 51 | (Less) Long-Term Portion of Derivative Instrument Liabilities |  |  |  |
| 52 | Derivative Instrument Liabilities - Hedges (245) |  |  |  |
| 53 | (Less) Long-Term Portion of Derivative Instrument LiabilitiesHedges |  |  |  |
| 54 | Total Current and Accrued Liabilities (lines 37 through 53) |  | 442,310,794 | 410,543,136 |
| 55 | DEFERRED CREDITS |  |  |  |
| 56 | Customer Advances for Construction (252) |  | 12,117,175 | 5,035,005 |
| 57 | Accumulated Deferred Investment Tax Credits (255) | 266 | 2,108,797 | 2,391,980 |
| 58 | Deferred Gains from Disposition of Utility Plant (256) |  |  |  |
| 59 | Other Deferred Credits (253) | 269 | 62,997,605 | 15,328,134 |
| 60 | Other Regulatory Liabilities (254) | 278 | 206,250,998 | 255,045,853 |
| 61 | Unamortized Gain on Reaquired Debt (257) |  |  |  |
| 62 | Accum. Deferred Income Taxes-Accel. Amort.(281) | 272 |  |  |
| 63 | Accum. Deferred Income Taxes-Other Property (282) |  | 814,984,418 | 778,702,740 |
| 64 | Accum. Deferred Income Taxes-Other (283) |  | 45,499,455 | 47,902,455 |
| 65 | Total Deferred Credits (lines 56 through 64) |  | 1,143,958,448 | 1,104,406,167 |
| 66 | TOTAL LIABILITIES AND STOCKHOLDER EQUITY (lines 16, 24, 35,54 and 65 ) |  | 5,130,521,077 | 4,712,325,756 |

## Exhibit D

## Atlantic City Electric Company

 2021 Annual Baseline Capital Spending, 2022 Annual Baseline Capital Spending and2021 Annual Baseline Spending, as filed in the 2021 Semi-Annual Report

| ACE Capital Distribution Projects (Baseline) | Jan | Feb | Mar | Apr | May | Jun | $\begin{aligned} & \text { Jan-Jun } \\ & \text { Total } \end{aligned}$ | Jul | Aug | Sep | Oct | Nov | Dec | $\begin{aligned} & \text { Jul-Dec } \\ & \text { Total } \end{aligned}$ | $\begin{gathered} \hline \text { Full Year } \\ \text { Total } \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 61838: ACE NB 20th St OH To UG Conversion Avalon |  |  |  |  |  | (71,685) | (71,685) |  |  |  |  |  |  | 0 | (71,685) |
| 61860: ACE NB 74th St OH to UG Conversion Stone Harbor |  |  |  |  |  |  | 0 |  |  |  | $(14,899)$ |  | 3,577 | (11,322) | (11,322) |
| 61972: Advanced Distribution Mgmt System (ADMS) Implementation (ACE) - Cap | 109,056 | 437,442 | 224,844 | 52,008 | 44,74 | 101,998 | 970,094 | 76,562 | 46,17 | 87,03 | 59,337 | 210,293 | 343,431 | 822,835 | 1,792,929 |
| 62241: ACE NJ Beach Haven Battery Storage SUBSTATION Portion of Project Work | (628,893) | 649,726 | 38,187 | 10,517 | 6,017 | 289,336 | 364,891 | 1,299 | (204,403) | 272,827 | 12,389 | 27,832 | 37,039 | 146,983 | 511,873 |
| 62478: ACE NJ NB 14th St OH to UG Conversion Avalon | (576) |  |  |  |  |  | (576) |  | (47,132) |  |  |  |  | $(47,132)$ | $(47,708)$ |
| 62640: ACE NJ Churchtown-Pennsgrove 69 kV Distribution Underbuild |  |  | 6,163 | 49,280 | $(42,300)$ |  | 13,142 |  | 44,243 |  |  |  |  | 44,243 | 57,385 |
| 63061: ACE NJ CM Non-emergency Dist Sub Cap | 61,218 | 1,504 | 8,327 | 13,769 | 161,629 | 179,396 | 425,843 | 40,310 | 147,916 | 1,572 | 2,047 |  | 6,366 | 198,211 | 624,054 |
| 63154: ACE NJ Inspira Substation |  |  |  |  |  |  | 0 |  | (53,307) |  |  |  |  | $(53,307)$ | (53,307) |
| 63491: ACE NJ Distribution - Station Service Transformer Replacements |  |  | 166 | 119 |  |  | 285 |  |  |  |  |  |  | 0 | 285 |
| 63583: ACE NJ Absecon 12 kV AB1-001 Distribution | $(3,364)$ | $(57,315)$ | 6,041 | 686 | 21,380 |  | (32,571) |  |  |  |  |  |  | 0 | (32,571) |
| 63585: ACE NJ Absecon 12 kV AB1-001 Telecom | $(2,362)$ | (0) | 4,237 | 486 |  |  | 2,362 |  |  |  |  |  |  | 0 | 2,362 |
| 63622: ACE NJ High Street - Install 2 nd 69/12kV Transformer |  | 1,481 | 6,917 | 6,451 | 7,317 | 13,175 | 35,341 | 23,979 | 127,298 | 25,914 | 29,088 | 243,019 | 335,967 | 785,265 | 820,606 |
| 63638: ACE NJ Salem - Purchase Adjacent Property | 7,797 | 1,330 | 2,204 | 1,072 | 4,816 | 704 | 17,922 | 613 | 506 | $(4,590)$ | 4,638 | 1,042 | 539 | 2,747 | 20,670 |
| 63657: ACE NJ Atlantic Region - Distribution - Substation Infrastructure Upgrade | 2,780 | 3,333 | 172,921 | 66,591 | 49,250 | 1,217 | 296,092 | (10,841) | (43) | 1,528 | 591 | 838 | 108,121 | 100,195 | 396,287 |
| 63684: ACE NJ Atlantic Region - Distribution - Drainage \& Driveway Remediation | 2,515 | 62,415 | 104,974 | 1,907 | 2,050 |  | 173,861 |  |  | 72,383 | 683 | 26,851 | 593,387 | 693,303 | 867,164 |
| 63690: ACE NJ Purchase Mobile Transformer (69/12kV) | 285 | 1,803 | 9,144 | 200,666 | 193,238 | 209,033 | 614,169 | 214,259 | 123,288 | 87,712 | 50,492 | 32,578 | 66,568 | 574,896 | 1,189,066 |
| 63708: ACE NJ Spare Distribution Transformer 28MVA (69/12KV) | 142 | 24,448 | 3,096 | 32,745 | 8,023 | 9,025 | 77,479 | 8,402 | 9,208 | 100,291 | 19,697 | 169,479 | 551,136 | 858,214 | 935,693 |
| 63724: ACE NJ Spare Distribution Transformer 40MVA (69/12KV) |  | 47,552 | 694 | 5,642 | 22,227 | 36,431 | 112,547 | (18,935) | 16,174 | 123,845 | 15,450 | 129,370 | 278,537 | 544,442 | 656,989 |
| 64166: ACE NJ DIST OH SPL Cross Arm Replacements |  |  |  |  | 63,238 |  | 63,238 |  |  |  |  | 141 |  | 141 | 63,379 |
| 64978: ACE NJ Price Pit Distribution |  | 1,580 |  | $(1,580)$ | $(1,610)$ |  | $(1,610)$ |  |  |  |  |  |  | 0 | $(1,610)$ |
| 65405: Oracle Network Mgmt System (NMS) Lifecycle Upgrade (ACE) - Cap | 10,772 | 28,815 | $(11,390)$ | 36,083 | $(4,214)$ | 8,009 | 68,076 | 16,301 | 10,960 | 22,159 | (1,361) | 3,045 | 4,063 | 55,165 | 123,241 |
| 65490: ACE NJ Park Ave Motor Cars Substation | (222,349) |  | 222,349 | (176,293) | 66,664 | 109,629 | 0 | (106,887) |  | 106,887 | (106,674) |  | 108,101 | 1,426 | 1,426 |
| 65626: ACE Monroe-Pine Hill 69 kV Distribution Underbuild |  |  |  |  |  |  | 0 |  | 597 | 1,292 | 12,838 | 15,755 | 4,515 | 34,997 | 34,997 |
| 65701: ACE NJ Beckett- Distribution Line Modifications | 449 | 2,237 | 25,533 | 27,884 | 137,080 | (24,434) | 168,749 | $(3,784)$ |  |  |  |  |  | $(3,784)$ | 164,965 |
| 65894: ACE Cumberland County Relocations | 971 | 86,464 | 111,506 |  | 7,759 | 900,411 | 1,107,111 | 164,496 | 361,194 | 56,188 | 8,062 |  | 5,091 | 595,031 | 1,702,141 |
| 66433: ACE NJ Atlantic Region - Distribution - Flood Remediation | 1,800 | 1,353 | 10,395 | 369 | 259 | 1,632 | 15,809 | 47,445 | 12,462 | 19,854 | 10,391 | 30,905 | 10,536 | 131,593 | 147,401 |
| 66646: ACE SJ Gas Feeder | 322,664 | 1,309 | (323,973) | 333,976 | $(3,749)$ | (330,227) | 0 | 332,616 |  | (332,616) | 332,616 |  | (332,616) | 0 |  |
| 66668: ACE Smart Energy Network N/AMMI Program - Install Costs |  |  |  |  |  |  | 0 | 7,581 | 55,682 | 57,606 | 126,729 | 100,420 | 169,323 | 517,340 | 517,340 |
| 66689: ACE NJ New 12kV Terminal out of High Street | $(47,069)$ | 2,792 | 38,446 | $(38,446)$ |  |  | $(44,277)$ |  |  | 38,446 | 0 |  |  | 38,446 | $(5,831)$ |
| 66765: ACE NJ 201 M M Ss Mill Rd Substation | 542 |  | 2,547 | 5,299 | 9,618 | 17,514 | 35,520 | $(16,395)$ | 22,805 | $(6,308)$ |  |  |  | 103 | 35,623 |
| 66770: ACE NJ 201 S Wrangleboro Rd Substation |  |  |  | 3,523 | 7,218 | 32,514 | 43,254 | $(31,626)$ | 37,637 | $(7,133)$ |  |  |  | (1,122) | 42,132 |
| 66892: ACE NJ Ship Bottom - Holgate Feeder offload | 13,599 | 221,129 | 773,903 | 557,088 | 12,762 | 13,401 | 1,591,882 | 2,112 | 165 |  |  |  |  | 2,277 | 1,594,160 |
| 66941: 11500 ACE NJ Declared Storms CAPITAL ONLY D1453 | 262,158 | 101,214 | 1,333 |  |  |  | 364,705 | 33,107 | 30,880 | 119,631 | 379,590 | 105,788 | 150,688 | 819,684 | 1,184,389 |
| 67306: ACE NB Port Norris Sand Plant Reconductor | 25,230 |  | 28,698 | 1,931 |  |  | 55,860 |  |  |  |  |  |  | 0 | 55,860 |
| 67337: ACE NB 21st Street Conversion Bay Block Avalon | 180,291 |  | (180,291) | 180,291 |  | (180,291) | 0 | 0 |  |  |  |  |  | 0 | 0 |
| 67417: ACE NJ Long Beach Township Water Tower |  |  | (183,394) | 135,684 | (266,210) |  | (313,919) | 389,886 |  | (430,103) | 342,932 | (217,750) | (125,182) | $(40,217)$ | $(354,136)$ |
| 67472: ACE NJ Mobile Unit Cable Reels | 268,383 |  |  |  |  |  | 268,383 |  |  |  |  |  |  | 0 | 268,383 |
| 67992: ACE NJ 416kVA Regulator on Churchtown Sakima |  |  |  | 44,270 | (86,857) |  | $(42,587)$ |  |  |  |  |  |  | 0 | $(42,587)$ |
| 68123: ACE Mickleton-Paulsboro-Valero -Paulsboro Underbuild | $(1,920)$ |  |  | 623 | 25,733 | (9,681) | 14,755 | 6,194 | 3,729 | 9,479 | 1,711 | 2,736 | 5,174 | 29,022 | 43,777 |
| 68419: 11500 ACE NJ Major Storm D2280 CAPITAL ONLY |  |  |  |  |  |  | 0 |  |  | 3,139,793 | (171,831) | 415,349 | 198,151 | 3,581,461 | 3,581,461 |
| ACE 68500: Winslow Mobile Restoration |  | 12,190 | 3,481 | 122,873 |  |  | 138,544 |  |  |  |  |  |  | 0 | 138,544 |
| 68532: ACE NJ WASHINGTON: UPGRADE T2 69/12KV TRANSFORMER | 997 | 643 | 28 | 17,668 | 105,009 | 634 | 124,979 | 3,191 | 498 | 124,201 | 1,453 | (98,179) |  | 31,163 | 156,142 |
| 68627: ACE NJ COURT: 69/12KV T1 TRANSFORMER REPLACEMENT |  |  |  |  | 442 |  | 442 | 1,295 |  |  |  |  |  | 1,295 | 1,737 |
| 68663: ACE Scull Feeder N11634 Relocate | 26,947 | 7,929 | 7,427 | 39,031 | 12,014 | $(15,230)$ | 78,118 |  |  |  |  |  |  | 0 | 78,118 |
| 68817: ACE Community Solar Distribution |  |  |  |  |  |  |  |  |  | 204 | 265 | 1,612 | 1,940 | 4,021 | 4,021 |
| 68829: ACE Large customer interconnections distribution line/sub |  |  | (73,371) | $(475,317)$ | $(127,287)$ | 479,145 | (196,830) | (474,387) | 24,801 | 469,893 | $(1,254,806)$ | 14,307 | 1,235,991 | 15,800 | (181,030) |
| 68989: ACE Smart Energy Network NJ/AMI Program - Meter Purchases |  |  |  |  | 101,808 | 949,794 | 1,051,602 |  | (222,777) | 1,222,481 |  | 264,934 | 183,897 | 1,448,534 | 2,500,136 |
| 69186: ACE Repauno Substation Dist Line | 1,517 | 1,283 | 996 | 489 |  |  | 4,286 |  |  |  |  |  |  | 0 | 4,286 |
| 69188: ACE Repauno Substation Distribution Sub | 8,189 | 5,794 | 6,884 | 9,441 | 3,921 | 10,060 | 44,290 | 15,265 | 11,746 | 15,058 | 18,233 | 1,030 | 3,036 | 64,368 | 108,658 |
| 69310: ACE NJ Wenonah Sub Retire: Distribution Line Work | 287 | 433 | 359 |  |  |  | 1,079 |  |  |  |  |  |  | 0 | 1,079 |
| 69693: ACE Emergent Repair \#2 BL Eng - Ocean City | 344 |  | $(3,698)$ |  |  |  | $(3,354)$ |  |  |  |  |  |  | 0 | $(3,354)$ |
| 69981: ACE NJ Churchtown T2 Emergent Replacement | 529 |  |  | (536) |  |  | (7) |  |  |  |  |  |  | 0 | (7) |
| 70330: ACE PowerAhead - Court - Wildwood Tie - Barrier Island Feeder E |  |  |  |  | 98,040 |  | 98,040 |  |  |  |  |  |  | 0 | 98,040 |
| 70331: ACE PowerAhead - Distribution Automation Dist Line Upgrades (UDLARM4A15) |  | 9,349 | 383 |  | $(1,889)$ | (29,736) | $(21,893)$ |  |  |  | 1,356 |  | 1,640 | 2,995 | $(18,898)$ |
| 70332: ACE PowerAhead - Distribution Automation Substation Upgrades (UDSARD8A14) | 344,380 | 189,193 | 273,647 | $(7,869)$ | $(435,536)$ | 29,022 | 392,836 | 384,801 | 844 | 4,653 |  | (27,254) |  | 363,044 | 755,880 |
| 70335: ACE PowerAhead - Lake Ave - Rio Grande Tie - Bl Feeder Enhancem | 190,606 | 143,861 | 129,299 | 204,438 | 62,138 | 49,748 | 780,090 | 3,299 | 20,723 | 251,314 | 317,087 | 259,072 | 492,505 | 1,344,000 | 2,124,090 |
| 70336: ACE PowerAhead - Marven \& Ocean city - Bl Feeder Enhancemen |  |  |  |  |  |  |  |  | 586 |  | 2,474 |  |  | 3,069 | 3,069 |
| 70337: ACE PowerAhead - NJ0696 Ontario Chelsea - S\&E Hardening | 3,613 | 83,210 | 151,091 | 411,137 | 837,732 | $(11,389)$ | 1,475,394 | 35,017 | 27,368 | 16,907 | 275,859 | 399,980 | (322,142) | 432,990 | 1,908,383 |
| 70339: ACE PowerAhead - NJ0213 Second St South - Selective Underground | 46,924 | 361,108 | 17,360 | 107,352 | 18,236 | (186) | 550,794 | 6,134 | 161,099 | 865,746 | 1,194,299 | 1,038,619 | $(6,587)$ | 3,259,311 | 3,810,105 |
| 70341: ACE PowerAhead - NJO242 Winslow South - S\&E Hardening (UDLA | 369 | 6,320 | $(1,564)$ | 572 | 2,612 | 27,240 | 35,549 | 3,931 | 35,867 | 33,873 | 134,205 | 8,652 | (82,457) | 134,072 | 169,621 |
| 70342: ACE PowerAhead - NJ0424 Pleasantville South - S\&E Hardening | $(36,235)$ | (26,087) | 11 |  |  |  | $(62,311)$ |  |  |  |  |  |  |  | (62,311) |
| 70343: ACE PowerAhead - NJ0556 ShipBottom Bay- S\&E Hardening | 12,191 | 16,427 | 650,332 | 509,321 | 618,617 | $(388,306)$ | 1,418,582 | 2 | 17,147 | 18,441 | 378,490 | 130,739 | (89,562) | 455,258 | 1,873,840 |

2021 Annual Baseline Spending, as filed in the 2021 Semi-Annual Report

| ACE Capital Distribution Projects (Baseline) | Jan | Feb | Mar | Apr | May | Jun | Jan-Jun Total | Jul | Aug | Sep | Oct | Nov | Dec | Jul-Dec Total | Full Year Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 70344: ACE PowerAhead - NJ0671 Fairton Cohansey - S\&E Hardening (U) | 1,829 |  | 1 | 0 |  | 0 | 1,830 |  | 38,143 |  |  |  |  | 38,143 | 39,973 |
| 70347: ACE PowerAhead - N00972 Lake Pine - S\&E Hardening (UDLARM4C | 21,865 | 570 | 8 | 127 | 361 | 623 | 23,553 | 9,874 | 22,317 | 5,240 | 12,256 | 540,704 | (190,653) | 399,736 | 423,289 |
| 70348: ACE PowerAhead - NJ0487 Rio Grande Villas - S\&E Hardening | 30,277 | $(36,759)$ | 3,959 | 6,154 | 2,415 | 1,544 | 7,590 | 1,816 | 16,638 | 136,860 | 86,328 | 52,573 | 524 | 294,738 | 302,328 |
| 70350: ACE PowerAhead - N11632 Scull Steel - S\&E Hardening (UDLARM | 20,579 | 1,139 | 659 | 85 | 2,417 | 313 | 25,193 | $(1,518)$ | 378,175 | 280,535 | 27,061 | (152,967) | (180,652) | 350,634 | 375,826 |
| 70352: ACE PowerAhead - NJ2097 Washington Cross Keys - Selective Under | 16,650 | 22,014 | 368,896 | 202,766 | 13,886 | 312 | 624,525 |  |  |  |  |  |  | 0 | 624,525 |
| 70353: ACE PowerAhead - Pleasant tvill \& Marven subs - BI Feeder En | 157,969 | 13,072 | 190,392 | (124,515) | 1,563 | 70,557 | 309,037 | 186 |  |  |  |  |  | 86 | 309,223 |
| 70355: ACE REG: INSTALL ASR COMPUTER (SOIARASR) | 954 | 1,274 | 4,192 | 1,808 | 1,836 | 541 | 10,605 |  | 14,329 | 29,733 | $(5,391)$ | 5,041 | 138,363 | 182,075 | 192,680 |
| 70362: ACE Substation Fire Protection Distribution (UDSARD8FP) | 48,447 | $(2,937)$ | (830) | 1,538 | 4,643 | 8,131 | 58,993 | 4,225 | 30,196 | 25,864 | (7,521) | 33,899 | 6,057 | 92,720 | 151,712 |
| 70408: ACE NJ - ATL Region: Replace Distribution Sub Lightning Arresters (UDSAR | 85,114 | 56,251 | 57,995 | 28,972 | 21,680 | 28,269 | 278,281 | 44,036 | 28,440 | 97,414 | 10,096 | 39,440 | 4,107 | 223,534 | 501,815 |
| 70418: Add SCADA/RTU Capability (UDSARD8M) | 264,158 | 3,395 | 22,317 | 1,121 |  |  | 290,991 |  |  |  |  |  |  | 0 | 290,991 |
| 70473: ACE NJ CM Distribution Substation Emergency Capital (UDSARD71) | (316,769) | 4,558 | 65,353 | 4,509 | 286,479 | 76,653 | 120,783 | 178,798 | 12,893 | 107,052 | 218,909 | 103,846 | 58,235 | 679,732 | 800,515 |
| 70475: Atlantic ECA: Replace Distribution Breakers (UDSARD9D) | 102,789 | 24,989 | 27,206 | 37,575 | 17,992 | 174,113 | 384,665 | 208,049 | 121,326 | 188,009 | 331,289 | 289,042 | 59,266 | 1,196,981 | 1,581,646 |
| 70477: Atlantic ECA: Replace Distribution Control House Roofs (UDSARD8 | 370 | 118 |  |  |  |  | 488 |  |  |  |  |  |  | 0 | 488 |
| 70478: Atlantic ECA: Replace Distribution Switches (UDSARD8S3) | $(2,223)$ | 7,779 | 24,208 | 19,856 | 211,666 | 43,131 | 304,417 | (132,056) | 6,489 | 8,185 | 110,137 | 4,210 |  | $(3,035)$ | 301,382 |
| 70479: Atlantic ECA: Repl Dist-Class Batteries \& Chargers (UDSARD8 | 39,793 | 7,770 | 5,975 | 15,421 | 10,934 | 31,168 | 111,061 | 63,930 | 30,770 | 3,956 |  |  |  | 98,656 | 209,717 |
| 70480: Atlantic ECA: Replace Distribution-Class Bushings (UDSARD8F) | 26,410 | 17,716 | 106,417 | 846 | 2,875 |  | 154,265 | 0 |  | 25,079 | 11,309 | 103,096 | 16,200 | 155,684 | 309,949 |
| 70481: Atlantic ECA: Replace Distribution-Class Substation Structures | (26,711) |  |  |  |  |  | (26,711) |  |  |  |  |  |  | 0 | (26,711) |
| 70508: Atlantic: Substation Animal Protection (UDSARD8J) | 152,061 | 17,419 | 19,284 | 10,952 | 27,118 | 4,661 | 231,495 | 88,699 | 20,614 | 45,809 | 92,019 | 39,663 | 10,391 | 297,195 | 528,691 |
| 70894: URD Cable ACE (UDLARM4CCX) | 370,748 | 397,861 | 191,447 | 14,506 | (282) |  | 974,281 |  |  | 2,020 | 2,775 | 2,562 | 2,484 | 9,841 | 984,121 |
| 70916: ACE NJ Cape May Sub: Add 2nd 42/45 MVA Transformer (UDSALM79D) | 25,934 | 31,502 | 49,260 | 75,714 | 51,722 | 136,848 | 370,979 | 134,661 | 48,807 | 734,219 | 543,754 | 1,812,103 | 3,105,803 | 6,379,348 | 6,750,327 |
| 70918: ACE NJ Cape May Sub: Establish two new feeders (UDLALM7C9) | 4,540 | 1,129 |  | 557 | 436 | 536 | 7,199 | 1,213 | 1,134 | 3,814 | 5,534 | 3,083 | 5,115 | 19,893 | 27,091 |
| 70947: Carneys Point: Retire 69/4kV Substation (UDSARD8R3) | $(6,876)$ | 7,905 |  | 3,496 | 1,076 | 839 | 6,440 |  | 727 | 3,033 | 2,081 | 1,817 | 1,961 | 9,619 | 16,059 |
| 71112: Comprehensive Feeder Improvements-ACE (UDLARM63A) | 1,427 | 1,370 | 42,833 | 88,129 | 91,827 | 232,583 | 458,168 | 245,779 | 863,534 | 1,103,371 | 2,619,487 | 1,749,246 | 4,185,624 | 10,767,040 | 11,225,208 |
| 71151: Corson Sea Isle Swainton Distribution Underbuild (UDLARM4CS1) | 768,133 | 813,191 | (691,426) | (109,977) | 155,648 | (27,953) | 907,616 | 3,787 |  |  |  |  |  | 3,787 | 911,404 |
| 71404: Differential Pole R/M Bell (UDLARM42) |  |  |  |  |  |  | 0 |  |  | 72,106 | 13,416 | 5,271 | 24,983 | 115,775 | 115,775 |
| 71445: ACE NJ DIST OH SPL Pole Replacements | 449,041 | (30,252) | 102,139 | 82,711 | 179,597 | 152,535 | 935,771 | 329,887 | 741,500 | 41,349 | 98,629 | 211,912 | 388,894 | 1,812,170 | 2,747,940 |
| 71602: ACE NJ DIST OH EMRG SPL 21400 P10/P20 REPAIR \& REPLACE | 2,237,349 | 2,001,547 | 2,563,967 | 3,075,179 | 1,941,280 | 2,768,994 | 14,588,116 | 3,505,817 | 3,000,856 | 2,120,235 | 2,699,880 | 2,341,835 | 2,362,890 | 16,031,512 | 30,619,629 |
| 71609: ACE NJ DIST UG EMRG SPL 21400 P10/P20 REPAIR \& REPLACE | 206,834 | 104,323 | 493,617 | 354,454 | 245,422 | 310,423 | 1,715,073 | 633,590 | 3,967 | 357,242 | 293,229 | 304,356 | 175,916 | 1,768,300 | 3,483,373 |
| 71666: Facility Relo ACE (UDLACS3CX) | (107,309) |  | 107,309 | $(107,309)$ |  | 143,224 | 35,915 | (107,309) |  | 107,309 | $(2,270)$ |  | 16,092 | 13,822 | 49,736 |
| 71669: Facility Relo Highway ACE (UDLACHOCX) | 1,094,003 | 219,100 | (442,356) | 818,189 | 308,307 | (736,413) | 1,260,830 | $(66,607)$ | 49,950 | 25,420 | 82,035 | 369,531 | 373,854 | 834,183 | 2,095,013 |
| 71784: Gibstown Sub: 4 kV to 12 kV Feeder Re-insulation/Conversion ( | 57,098 | (24,085) | 9,861 | 3,114 | 18,648 | 3,058 | 67,694 | 2,784 | 1,589 | 1,408 | 134,330 | 12,995 |  | 153,105 | 220,799 |
| 71785: Gibbstown Sub: Retire 34/4 kV Substation (UDSARD8R7) | 2,955 | 8,188 | $(12,089)$ | 1,886 | 2,889 | 5,081 | 8,910 | 7,549 | 3,892 | 7,120 | 4,161 | 10,138 | 6,769 | 39,629 | 48,538 |
| 71842: ACE PowerAhead - Harbor Beach: Establish 69/12 kV GIS Sub (Dist Portion) | 1,035,197 | 948,953 | 615,969 | 1,220,448 | 1,590,014 | 1,122,854 | 6,533,434 | 1,219,612 | 709,119 | 1,442,988 | 1,118,911 | 293,239 | 749,998 | 5,533,866 | 12,067,300 |
| 71844: Harbor Beach: Upgr 12kV Fdrs, Create 3rd \& 4th Fdrs, and Ma | 3,360 | 2,611 | 70,476 | 382,363 | 732,614 | 894,161 | 2,085,585 | 75,807 | (56,590) | 6,807 | 246,134 | 497,391 | 82,808 | 852,358 | 2,937,943 |
| 71880: Higbee Sub: 23 kV Switchgear Replacement (UDSARD8A4) | 549,636 | 55,044 | 27,810 | 11,542 | 6,132 | 16,085 | 666,249 | 5,148 | 5,981 | $(69,825)$ | 3,408 | 0 | 16,370 | (38,918) | 627,331 |
| 71998: Inspira - Road Widening along Rt 322 (DLA3C002) | 178,247 |  | (178,247) | 178,247 |  | (178,247) | 0 | 178,247 |  | (178,247) | 178,247 |  | (178,247) | 0 |  |
| 72170: Laurel - Retire 34kV Equipment (UDSARD8RA) | 1,621 |  |  |  |  |  | 1,621 |  | 0 |  |  |  |  | 0 | 1,621 |
| 72202: Lindenwold Sub: Reconnect T 1 for $69 / 12 \mathrm{kV}$ and retire existing 4 | 8,242 | 682 | $(4,469)$ |  |  |  | 4,455 |  |  |  |  |  |  |  | 4,455 |
| 72248: MDO \& CEMI REMEDIATION- ACE (UDLARM4MX) | 35,594 | 176,457 | 222,230 | 119,875 | 132,418 | 135,209 | 821,783 | 192,635 | 178,276 | 74,316 | 59,618 | 111,327 | 121,332 | 737,504 | 1,559,287 |
| 72265: MISC. RELIABILITY IMPROVEMENTS-ACE (UDLARM4CAX) | 199,341 | 176,262 | 176,258 | 123,395 | 161,018 | 84,167 | 920,441 | 271,728 | 481,799 | 110,670 | 412,570 | 1,378,346 | 675,672 | 3,330,785 | 4,251,227 |
| 72367: Meters ACE (UDLACMR1X) | 178,921 | 198,481 | 560,590 | 563,404 | 399,468 | (786,879) | 1,113,984 | 113,604 | 603,338 | (686,714) | 130,866 | 8,613 | 172,696 | 342,403 | 1,456,387 |
| 72375: Mickleton Sub: Feeder Reconfiguration (UDLARM46J) | 41,613 | 9,368 | 90,479 | 296,650 | 126,332 | 57,024 | 621,465 | 34,483 | 26,888 | 123,822 | 18,499 | 2,522 | 1,989 | 208,202 | 829,668 |
| 72502: Moss Mill / CN - Distribution Upgrades (UDLALMS2) | 740,964 | 355,735 | 125,078 | 1,971 | 640,828 | 63,272 | 1,927,848 | 50,697 | 12,641 | 0 | 0 |  |  | 63,338 | 1,991,186 |
| 72510: Motts Farm - Distribution Line Upgrades (UDLARM4PA2) | 87,468 | 730,553 | 697,315 | 364,086 | $(61,325)$ | 428,995 | 2,247,092 | 557,966 | 258,309 | 1,978 | (249,153) | (7,848) | 113,838 | 675,090 | 2,922,182 |
| 72693: NERC Physical Security- Atlantic Distribution Sub (UDSARD8V) | $(45,334)$ | 73,505 | 35,350 | 60,890 | $(6,967)$ |  | 117,443 | 14,114 | 8,399 | $(8,208)$ | 8,056 |  | $(7,349)$ | 15,012 | 132,455 |
| 72705: NETWORK XFRM \& PROT REPL PLANNED (UDLARM4N) |  | 117,479 | $(41,794)$ | 31,634 | 96,665 | 21,246 | 225,231 | 243,946 | 29,113 | 93,385 | 355,251 | 61,313 | 76,246 | 1,129,253 | 1,354,483 |
| 72793: New Srvcs \& Streetights ACE (UDLACS1CX) | 850 | 89,064 | 1,883 | 49,929 | 4 | $(51,269)$ | 90,461 | 47 |  |  |  |  |  | 47 | 90,509 |
| 72800: ACE NJ Newport Sub: Dist Line Modifications (UDLARM4 |  |  |  |  |  |  | 0 | 694 | 0 |  |  | 38 | 10,803 | 11,535 | 11,535 |
| 72889: Ontario Sub: Replace $69 / 12 \mathrm{kV}$ Transformers (UDSARD8A5) |  |  | 185 | (71) |  |  | 114 |  |  |  |  |  |  |  | 114 |
| 72998: ACE NJ DIST OH SPL Padmount Replacements | 3,452 | 2,689 | 29,435 | 40,610 | 8,303 | 18,874 | 103,362 | 44,046 | 34,151 | 160,328 | 140,758 | 829 | 16,692 | 396,804 | 500,166 |
| 73030: Penns Grove: Retire $69 / 4 \mathrm{kV}$ Substation (UDSARD8R1) |  |  | 166 |  |  | 11,590 | 11,755 |  |  |  |  |  | 439 | 439 | 12,195 |
| 73244: Priority Feeder Improvements- ACE (UDLARM4F) | 741,434 | 976,000 | 1,411,573 | 1,960,151 | 1,874,155 | 307,706 | 7,271,020 | 689,781 | 110,544 | 17,896 | 153,823 | 51,897 | 120,750 | 1,144,691 | 8,415,710 |
| 73410: Replace Distribution ACE (UDLALM7CX) | 40,870 | 153,136 | 33,390 | 107,804 | 316,245 | 52,010 | 703,455 | 24,359 | 82,342 | 92,381 | 136,027 | 60,035 | 89,802 | 484,946 | 1,188,401 |
| 73417: Replace GE Type U Bushings (UDSARD8F2) |  |  |  |  |  |  |  | 3,834 |  |  |  |  |  | 3,834 | 3,834 |
| 73453: Retire Brigantine 23/12kV Substation (UDSARD8RF) | 1,026 | 806 | 758 | 171 | 583 | 630 | 3,974 | 1,220 | 803 | 992 | 604 | 648 | 1,117 | 5,384 | 9,358 |
| 73459: Retire Harbor Beach 23/12kV (UDSARD8A24) | 119,297 | 1,450 | 1,547 | 1,402 | 1,164 | 1,481 | 126,341 | 2,010 | 1,849 | 1,663 | 604 | 648 | 1,117 | 7,891 | 134,232 |
| 73472: Rio Grande Substation Rebuild (UDSARD8AA) |  | 0 |  |  |  |  | 0 |  |  |  |  |  |  | 0 | 0 |
| 73496: Route 72 Bay Bridge Feeder (DLACHOCOO2) | 925,327 |  | (925,327) | 925,327 |  | (92,533) | 832,794 |  |  |  |  |  |  | 0 | 832,794 |
| 73513: Rt 168 Big Timber Creek (DLACHOCOO1) | (106,762) |  |  |  |  |  | (106,762) |  |  |  |  |  |  |  | (106,762) |
| 73576: Salem Sub Retirement (UDSARQU1) |  |  |  | 343 |  | 10,883 | 11,226 | 8,458 | 1,446 | 1,979 | 5,372 | 1,279 | 8,189 | 26,723 | 37,949 |
| 73605: ACE NJ Searstown T2 Replacement (UDSARD8S01) |  |  |  |  |  |  |  |  |  |  | (312,192) |  |  | (312,192) | (312,192) |
| 73619: Ship Bottom - Spare Transformer Project (UDSALM76C) | 149,985 | 25,906 | (59,823) | 6,033 | 4,412 | (490) | 126,023 |  |  |  |  |  |  | 0 | 126,023 |
| 73648: Single Phase Reclosing Devices- ACE (UDLARM4TS) |  | 1,277 | 3,554 | 0 | 3,273 |  | 8,103 |  |  | (0) |  |  | 2,175 | 2,175 | 10,278 |
| 73665: Solar Projects - Dist Line Upgrades (UDLACSOL) | 396,601 | (470,341) |  |  |  |  | (73,741) |  |  |  |  |  |  | 0 | (73,741) |
| 73873: Terrace Substation: Install SWGR and Upgrade XFMRs (UDSARD17) | 60,259 | 14,348 | 66,648 | 59,513 | 42,709 | 55,580 | 299,056 | 23,871 | 53,836 | 54,707 | 90,870 | 367,627 | 95,827 | 686,739 | 985,795 |
| 74076: Washington Feeder Reconfig for T3 (UDLALM78L) | 22,557 | 53,411 | 81,202 | (147,932) | 131,062 | 30,612 | 170,911 | (7) | 1,395 | 26 | 0 |  | 0 | 1,414 | 172,325 |
| 74078: Washington Sub - New T3 Transmission Work (UTLALM7GW1) | 1,601 | 18,984 | 10,442 | (179) | $(32,687)$ |  | $(1,839)$ |  |  |  |  |  |  | 0 | $(1,889)$ |
| 74080: Washington Sub: New 69/12KV T3 Xfmr (UDSALM78K) | 655,592 | 156,876 | 623,763 | 438,448 | 479,380 | 743,301 | 3,097,360 | 108,491 | 285,278 | (141,751) | 263,377 | 94,409 | 86,302 | 696,106 | 3,793,467 |

2021 Annual Baseline Spending, as filed in the 2021 Semi-Annual Report

| ACE Capital Distribution Projects (Baseline) | Jan | Feb | Mar | Apr | May | Jun | Jan-Jun Total | Jul | Aug | Sep | Oct | Nov | Dec | Jul-Dec Total | Full Year Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 74105: Wenonah Sub: Retire Substation (UDSARWN1) | 8,069 | 6,233 | 18,373 | 3,730 | 436 | 377 | 37,217 | 364 | 493 | (0) |  |  |  | 857 | 38,074 |
| 74128: Williamstown - Upgrade T5 (UDSALM79C) | 997 | 5,752 | 521 | 2,307 | 3,329 | 124,143 | 137,049 | 21,048 | 6,965 | 14,094 | 9,700 | 7,728 | 31,769 | 91,305 | 228,354 |
| 74144: Winslow Substation new control building (UDSARD8WS1) | 112,640 | 173,385 | 457,777 | 156,454 | 443,922 | (84,148) | 1,260,030 | $(379,244)$ | 2,599 |  |  | 29,151 |  | (347,495) | 912,536 |
| 74156: Woodstown Sub: Retire 34 kV Equipment (UDSARD8W02) | 6,410 | 14,525 | 6,208 | 255,607 | 3,217 | 1,304 | 287,270 | 52 |  |  |  |  |  | 52 | 287,322 |
| 74363: Ocean Acres Phase 10 (UDLACSP02) |  |  |  |  |  |  | 0 |  |  |  |  |  | 0 | 0 | 0 |
| 74364: Seacrest Pines Section 3 (UDLACSPO3) |  |  |  |  |  |  | 0 |  |  |  | (19) |  |  | 19) | (19) |
| 74378: Airco Sub: Create 69/12kV Sub (UDSARD8AS1) | 4,160 | 5,612 | 20,673 | 13,683 | 6,749 | 10,164 | 61,040 | 9,278 | 8,027 | 10,918 | 9,361 | 4,970 | 8,214 | 50,769 | 111,809 |
| 74428: ACE - Stockton University Entrance Relocation (UDLACSSUE) | 373,622 | $(336,297)$ |  |  |  |  | 37,326 |  |  |  |  |  |  | 0 | 37,326 |
| 74556: Route 72 \& Washington Ave (UDLACH72W) | 133,375 |  | - |  |  |  | 133,375 |  |  |  |  |  |  | 0 | 133,375 |
| 75053: NJDOT Shipbottom Flood Control 1A \& 1 B (UDLACSFC1) | 458,315 | 3,064 | (461,379) | 504,771 | (274) | (468,191) | 36,306 | 484,724 | 12,619 | (461,514) | 1,498,912 | 395,394 | (574,135) | 1,356,000 | 1,392,306 |
| 75082: NB Residential ACE | 1,175,190 | 850,828 | 883,400 | 1,366,376 | 731,019 | 713,490 | 5,720,304 | 900,936 | 911,731 | 1,062,959 | 872,135 | 1,384,810 | 1,291,210 | 6,423,781 | 12,144,085 |
| 75084: NB Commercial ACE | 861,598 | 1,536,045 | 450,313 | 963,616 | 714,061 | 924,652 | 5,450,285 | 829,947 | 480,759 | 449,435 | 1,123,322 | 635,760 | 1,405,877 | 4,925,098 | 10,375,383 |
| 75085: NB Street Light ACE | 280,239 | (33,933) | 91,128 | 337,583 | 8,643 | 31,400 | 715,061 | 282,417 | 95,569 | 106,248 | 160,607 | 423,440 | (17,011) | 1,051,271 | 1,766,332 |
| 75159: 11500 NJ Billable Damage Claims Distribution CAPITAL 21440416000 | 462,130 | 849,588 | 900,051 | 974,509 | 700,335 | 269,085 | 4,155,698 | 93,019 | 21,935 | 19,545 | (20,331) | 218 | $(2,935)$ | 111,450 | 4,267,148 |
| 75404: ACE NJ Kettle Run Distribution | $(1,584)$ | 1,165 | (276) | 8,629 | 3,678 | 5,123 | 16,734 | $(9,959)$ | $(6,763)$ | 4,765 | 5,912 | 4,432 | $(2,871)$ | $(4,486)$ | 12,248 |
| 75411: ACE NJ Kettle Run Substation | (644) | 1,816 | 163 | 28,952 | 19,336 | 32,026 | 81,649 | (16,458) | (51,637) | (851) | $(5,000)$ | $(1,530)$ | 32,466 | $(43,009)$ | 38,640 |
| 75570: ACE NJ GEMS Solar Project - Distribution Line |  | 126 | 544 | 825 | 1,697 | 1,679 | 4,869 | 2,106 | 1,636 | 18,425 | 24,535 | 59,423 | (110,994) | $(4,869)$ | 0 |
| 75574: ACE NJ GEMS Solar Project - Substation |  |  | 1,206 | 10,252 | 3,032 | 7,153 | 21,643 | 14,714 | $(36,063)$ | (323) | 6,481 | 96,818 | (103,269) | (21,643) | 0 |
| 75683: ACE NJ 416kVA Regulator on Churchtown Sportsman | 1,145 | 115,397 | 24,783 |  |  | 12,547 | 153,871 |  |  |  |  |  |  |  | 153,871 |
| 75842: ACE NJ PJM Sola Project AE1-218 Glassboro | (934,820) | 964 | 933,856 | (924,815) | $(3,616)$ | 928,431 | 0 | (905,232) | 2,448 | 902,783 | (815,755) | 6,964 | 808,791 | 0 | 0 |
| 76280: ACE NJ Corson Sub: T4 Relay Replacement |  |  |  |  |  |  | 0 | 10,423 | 4,595 | (12,885) | 21,269 | $(8,623)$ | 5,183 | 19,964 | 19,964 |
| 76801: ACE NJ DIST OH PLAN CAP P30/P40 Repair \& Replace | 253,568 | 26,635 | 398,915 | (156,913) | 60,314 | 109,459 | 691,978 | 145,060 | 70,674 | 116,602 | 42,570 | 119,421 | 309,993 | 804,320 | 1,496,298 |
| 76802: ACE NJ DIST UG PLAN CAP P30/P40 Repair \& Replace | 244 | 13,406 | 32,726 | 78,605 | 155 | 44,456 | 169,592 | 107,640 | 150,546 | 239,780 | 72,509 | 35,796 | 83,419 | 689,689 | 859,281 |
| 77061: ACE NJ Winslow Sub - Replace T2 69/12kV 40MVA Transformer |  |  |  |  |  |  | 0 |  |  |  | 312,754 | 991 | 17,568 | 331,313 | 331,313 |
| 77181: ACE NJ South Millville T2 replacement Distribution sub |  |  |  |  |  |  | 0 | 1,493 | 9,676 | 64,997 | 53,631 | 946,576 | $(47,126)$ | 1,029,247 | 1,029,247 |
| 78673: ACE NJ Quinton - Artificial Island Distribution |  |  |  |  |  |  | 0 |  |  |  |  | 194 | $(3,874)$ | $(3,680)$ | $(3,680)$ |
| 81228: 11500 NJ ACE Property Damage OH 27012593000 |  | $(2,106)$ | $(3,783)$ |  | (1,723) |  | (7,612) |  |  |  | (890) |  |  | (890) | $(8,502)$ |
| 84919: 11500 NJ Uncollectibles Other ACE Elec 27013416000 | $(2,002)$ |  | $(1,567)$ |  |  |  | $(3,569)$ |  |  |  |  |  |  | 0 | $(3,569)$ |
| 86854: 11500 NJ B Bilable Damage Claims Distribution EXPENSE 21440416000 |  | $(3,341)$ | 16,155 | (500) | $(1,124)$ | 1,678 | 12,869 |  |  | $(1,894)$ | (1,008) | $(3,271)$ | $(3,992)$ | (10,164) | 2,705 |
| 88581: 11500 NJ ACE Property Damage OH Capital | 1,420,599 | $(5,074)$ | $(1,481,598)$ | 1,473,121 | $(4,940)$ | (1,574,890) | (172,783) | 1,569,894 |  | $(1,327,168)$ | 1,317,383 | (9,467) | (965,604) | 585,038 | 412,255 |
| 94235: ACE Misc ACCTG Projects |  |  |  |  |  |  | 0 |  |  |  |  |  | (36,453) | (36,453) | $(36,453)$ |
| Total 2021 Baseline Spending | 17,332,425 | 13,194,936 | 11,541,464 | 18,891,950 | 14,678,425 | 9,873,677 | 85,512,876 | 13,339,447 | 11,044,944 | 14,423,966 | 17,016,686 | 18,226,108 | 18,897,783 | 92,948,934 | 178,461,810 |


| ACE Capital Distribution Projects (Baseline) | Jan | Feb | Mar | Apr | May | Jun | $\begin{gathered} \hline \text { Jan-Jun } \\ \text { Total } \end{gathered}$ | Jul | Aug | Sept | Oct | Nov | Dec | $\begin{gathered} \hline \text { Jul-Dec } \\ \text { Total } \end{gathered}$ | Full Year Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 61860: ACE NB 74th St OH to UG Conversion Stone Harbor | $(3,577)$ | 0 | 3,577 | $(3,577)$ | 0 | 3,577 | 0 | 0 | $(3,577)$ | 0 | 0 | 0 | 0 | $(3,577)$ | $(3,577)$ |
| 61972: Advanced Distribution Mgmt System (ADMS) Implementation (ACE) - Cap | 191,989 | 175,274 | 174,944 | 167,470 | 197,801 | 270,469 | 1,177,947 | 224,789 | 381,725 | 297,434 | 390,145 | 157,880 | 334,747 | 1,786,722 | 2,964,669 |
| 62241: ACE NJ Beach Haven Battery Storage SUBSTATION Portion of Project Work | 28,429 | (21,434) | 152,758 | 64,466 | 549,647 | 32,134 | 806,001 | 13,668 | 30,712 | 40,110 | 18,671 | 37,872 | 928,464 | 1,069,497 | 1,875,498 |
| 62640: ACE NJ Churchtown-Pennsgrove 69 kV Distribution Underbuild | 0 | 3,192 | $(8,087)$ | 21,180 | (24,858) | 13,417 | 4,843 | 37,654 | 7,773 | 52,799 | 82,381 | 209,444 | 359,031 | 749,082 | 753,925 |
| 63061: ACE NJ CM Non-emergency Dist Sub Cap | 2,605 | 716 | 5,929 | 610 | 46,510 | 54,951 | 111,321 | 16,602 | 66,308 | 17,519 | 0 | 62,831 | 140,796 | 304,057 | 415,378 |
| 63154: ACE NJ Inspira Substation | 0 | 0 | 44 | 0 | 0 | 0 | 44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 44 |
| 63156: ACE NJ Inspira Telecom | 0 | 0 | $(1,300)$ | 0 | 0 | 0 | $(1,300)$ | 0 | 0 | 184 | 169 | 173 | 0 | 525 | (774) |
| 63232: ACE NJ DOT Relocation at Rt 168 and College Dr | 0 | 0 | 0 | 0 | $(5,683)$ | 0 | $(5,683)$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $(5,683)$ |
| 63263: ACE NJ Transformer Load Management | 62,984 | 58,629 | 11,539 | 1,860 | 147 | 0 | 135,159 | 70,540 | 60,008 | 1,874 | 13,440 | 2,087 | 3,384 | 151,33 | 286,493 |
| 63491: ACE NJ Distribution - Station Service Transformer Replacements | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $(2,243)$ | 0 | 648 | 1) | 0 | $(1,596)$ | $(1,596)$ |
| 63622: ACE NJ High Street - Install 2 nd 69/12kV Transformer | 76,600 | 45,018 | 71,774 | 44,410 | 34,123 | 25,424 | 297,348 | 36,534 | 4,212 | 24,712 | 9,678 | 7,869 | 5,427 | 88,433 | 385,781 |
| 63631: ACE NJ Salem - Install $69 / 12 \mathrm{kV}$ Substation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14,363 | (14) | 5,450 | 19,799 | 19,799 |
| 63638: ACE NJ Salem - Purchase Adjacent Property | (28,712) | 1,221 | 889 | 234 | 248 | 517 | $(25,603)$ | 0 | 0 | 231 | 0 | 0 | 4,360 | 4,591 | (21,013) |
| 63657: ACE NJ Atlantic Region - Distribution - Substation Infrastructure Upgrade | 19,150 | 7,682 | 11,639 | 97,894 | 7,140 | 50,678 | 194,183 | 178,895 | 509,918 | 28,383 | 248,551 | 315,601 | 659,636 | 1,940,985 | 2,135,168 |
| 63684: ACE NJ Atlantic Region - Distribution - Drainage \& Driveway Remediation | 10,176 | 66,245 | 28,914 | 3,008 | 1,755 | 1,841 | 111,938 | 1,131 | 4,675 | 3,759 | 6,056 | 91,553 | 8,215 | 115,388 | 227,326 |
| 63690: ACE NJ Purchase Mobile Transformer (69/12kV) | 6,470 | 0 | 0 | 0 | 0 | 0 | 6,470 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6,470 |
| 63693: ACE NJ Purchase Mobile Transformer | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,444 | 764,632 | 773,077 | 1,543,154 | 1,543,154 |
| 63695: ACE NJ Purchase Mobile Transformer | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,559 | 0 | 604 | 1,042,154 | 1,057,825 | 2,109,142 | 2,109,142 |
| 63708: ACE NJ Spare Distribution Transformer 28MVA (69/12KV) | (74,914) | (960) | 119 | 49 | 0 | 0 | $(74,606)$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $(74,606)$ |
| 63724: ACE NJ Spare Distribution Transformer 40MVA (69/12KV) | 118,312 | 1,461 | 1,339 | 1,176 | (105,696) | 108,763 | 125,354 | 146,974 | $(5,283)$ | 24,000 | 0 | 0 | 0 | 165,691 | 291,045 |
| 64166: ACE NJ DIST OH SPL Cross Arm Replacements | 0 | 0 | 0 | 0 | 0 | 33 | 33 | 0 | 0 | 757 | 0 | 0 | 0 | 757 | 790 |
| 65626: ACE Monroe-Pine Hill 69 kV Distribution Underbuild | 1,680 | 4,027 | 7,467 | 2,135 | 1,406 | 1,067 | 17,782 | 3,603 | 0 | 42,724 | 2,163 | 815 | 139,694 | 188,999 | 206,781 |
| 66433: ACE NJ Atlantic Region - Distribution - Flood Remediation | 3,235 | 15,645 | 389 | 338 | 488 | 574 | 20,669 | 40,315 | 48,199 | 1,340 | 2,272 | 17,723 | 0 | 109,847 | 130,516 |
| 66646: ACE SJ Gas Feeder | 332,616 | 0 | (332,616) | 332,616 | 0 | $(332,616)$ | 0 | 0 | 0 | 0 | 0 | 0 | 6,370 | 6,370 | 6,370 |
| 66668: ACE Smart Energy Network NJ/AMI Program - Install Costs | 860,989 | 129,731 | 1,637,174 | 804,795 | 837,337 | 1,348,447 | 5,618,473 | 783,360 | 1,206,474 | 1,560,360 | 1,499,129 | 1,649,598 | 1,563,606 | 8,262,527 | 13,881,000 |
| 66765: ACE NJ 201 Moss Mill Rd Substation | 0 | 0 | $(35,282)$ | 0 | 0 | 413 | $(34,869)$ | 206 | 0 | 56,468 | 0 | $(1,006)$ |  | 55,668 | 20,799 |
| 66941: 11500 ACE NJ Declared Storms CAPITAL ONLY D1453 | 330,537 | $(32,433)$ | 63,929 | $(2,039)$ | 592,405 | 48,028 | 1,000,427 | 213,272 | (9,642) | 1,645 | 219,992 | 35,486 | 370,559 | 831,313 | 1,831,740 |
| 67417: ACE NJ Long Beach Township Water Tower | 125,182 | 0 | 0 | 0 | 0 | 0 | 125,182 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 125,182 |
| 68123: ACE Mickleton-Paulsboro-Valero -Paulsboro Underbuild | 2,018 | 1,444 | 2,908 | 1,454 | 5,915 | 7,081 | 20,819 | 0 | 0 | 10,785 | 7,178 | 62 | 62,532 | 80,557 | 101,377 |
| 68419: 11500 ACE NJ Major Storm D2280 CAPITAL ONLY | (121,701) | 17,550 | 0 | 0 | 0 | 0 | $(104,151)$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (104,151) |
| 68532: ACE NJ WASHINGTON: UPGRADE T2 69/12KV TRANSFORMER | 0 | 0 | 0 | 0 | 87 | 0 | 87 | 734 | 97 | 451 | 5,449 | 107,141 | (103,380) | 10,492 | 10,579 |
| 68627: ACE NJ COURT: 69/12KV T1 TRANSFORMER REPLACEMENT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,05 | (5) | 0 | 5,04 | 5,045 |
| 68661: ACE NJ PINE HILL: UPGRADE 12KV SWITCHGEAR A \& B | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,830 | (4) | 1,567 | 5,393 | 5,393 |
| 68817: ACE Community Solar Distribution | 4,033 | 865 | 2,618 | $(5,282)$ | $(59,002)$ | 3,383 | $(53,384)$ | (64,832) | $(1,318)$ | 4,019 | $(3,87$ | 2,096 | 2,106 | (61,799 | (115,183) |
| 68829: ACE Large customer interconnections distribution line/sub | $(1,566,561)$ | (14,922) | 1,554,934 | $(1,636,799)$ | 68,528 | 1,656,737 | 61,916 | (113,982) | 20,312 | 1,004 | (27,591) | 32,464 | 154,411 | 66,618 | 128,534 |
| 68960: Unfused Lateral Program ACE | 9,018 | 6,413 | 34,375 | 2,989 | 17,524 | 31,478 | 101,796 | 7,991 | (307) | 625 | 2,525 | 29,092 | 20,098 | 60,023 | 161,819 |
| 68989: ACE Smart Energy Network NJ/AMI Program - Meter Purchases | 676,364 | 1,178,757 | 946,864 | 1,874,919 | 1,897,199 | 2,135,854 | 8,709,958 | 1,847,769 | 2,900,444 | 4,824,899 | 1,383,581 | 1,773,380 | 5,432,407 | 18,162,479 | 26,872,438 |
| 68994: ACE Smart Energy Network N/AMI Program -Comms Network Costs | 111,418 | 150,233 | 277,150 | 755,872 | 1,246,273 | 1,399,281 | 3,940,226 | 992,299 | 1,208,390 | 738,924 | 193,564 | 129,664 | 131,073 | 193,914 | 7,334,140 |
| 69186: ACE Repauno Substation Dist Line | 0 | 0 | 0 | 0 | 0 | 0 |  | 0 | 199 | 996 | 224 | (0) | 0 | 1,419 | 1,419 |
| 69188: ACE Repauno Substation Distribution Sub | 11,673 | 22,488 | 2,006 | 13,319 | 10,009 | 0 | 59,495 | $(3,531)$ | (11,737) | 996 | 224 | (0) | 0 | (14,048) | 45,447 |
| 69405: ACE NJ New Logan Sub Land Purchase | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 313 | 10,613 | 9,660 | 30,402 | 24,423 | 88,240 | 163,651 | 163,651 |
| 70331: ACE PowerAhead - Distribution Automation Dist Line Upgrades (UDLARM4A15) | 1,663 | 0 | 1,587 | 0 | 0 | 2,549 | 5,800 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,800 |
| 70335: ACE PowerAhead - Lake Ave - Rio Grande Tie - BI Feeder Enhancem | 29,808 | 11,072 | 39,783 | 226,931 | 98,950 | 460 | 407,005 | 1,290 | (192,281) | (54,298) | 1,784 | (21) | 0 | $(243,526)$ | 163,479 |
| 70347: ACE PowerAhead - NJ0972 Lake Pine - S\&E Hardening (UDLARM4C | 47 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 47 |
| 70362: ACE Substation Fire Protection Distribution (UDSARD8FP) | 13,994 | 18,628 | 51,481 | 4,354 | 136,336 | $(66,604)$ | 158,188 | 38,755 | 1,699 | 256,030 | (738) | 713,174 | 102,429 | 1,111,349 | 1,269,537 |
| 70408: ACE NJ - ATL Region: Replace Distribution Sub Lightning Arresters (UDSAR | 17,040 | 16,669 | 41,089 | 119,852 | 61,188 | 31,851 | 287,689 | 32,654 | 8,335 | 137 | 80 | (0) | 0 | 41,205 | 328,894 |
| 70467: AtI Reg: Salvage Scrap Wire/Cable (UDLAOSV5) | 33,115 | $(1,686)$ | 25,589 | 12,301 | 22,508 | 50,498 | 142,325 | 26,766 | 121,216 | 65,874 | (51,953) | 10,699 | 27,224 | 199,826 | 342,151 |
| 70473: ACE NJ CM Distribution Substation Emergency Capital (UDSARD71) | 38,495 | 127,566 | 52,757 | $(24,409)$ | 73,195 | 83,567 | 351,170 | 376,693 | 212,916 | 71,533 | 82,132 | (34,402) | 109,191 | 818,062 | 1,169,232 |
| 70475: Atlantic ECA: Replace Distribution Breakers (UDSARD9D) | 246,996 | 363,050 | 381,384 | 231,601 | 12,136 | 27,266 | 1,262,432 | 181,817 | 78,194 | 470,192 | 494,117 | 166,892 | 34,554 | 1,425,765 | 2,688,197 |
| 70476: Atlantic ECA: Replace Distribution Circuit Switchers (UDSARD8SC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 254 | 0 | 761 | 0 | 1,014 | 1,014 |
| 70477: Atlantic ECA: Replace Distribution Control House Roofs (UDSARD8 | 0 | 0 | 170 | 0 | 18,317 | 0 | 18,487 | 10,088 | 0 | 0 | 0 | 0 | 0 | 10,088 | 28,575 |
| 70478: Atlantic ECA: Replace Distribution Switches (UDSARD8S3) | 0 | 0 | 0 | 0 | 0 | 0 |  | 0 | 0 | 0 | 270 | (0) | 0 | 270 | 270 |
| 70479: Atlantic ECA: Repl Dist-Class Batteries \& Chargers (UDSARD8 | 0 | 742 | 2,368 | 41,511 | 25,220 | 36,497 | 106,339 | 19,211 | 150,354 | 55,257 | 62,920 | 24,060 | 2,272 | 314,076 | 420,414 |
| 70480: Atlantic ECA: Replace Distribution-Class Bushings (UDSARD8F) | 3,728 | 188,741 | 68,883 | 5,122 | 1,952 | 0 | 268,427 | 0 | 0 | 0 | 7,576 | (7) | 6,013 | 13,582 | 282,009 |
| 70508: Atlantic: Substation Animal Protection (UDSARD8J) | 15,040 | 13,962 | 160,512 | 78,222 | 389,205 | 22,045 | 678,987 | 49,202 | 19,874 | 22,204 | 111,108 | 203,000 | 269,961 | 675,349 | 1,354,336 |
| 70894: URD Cable ACE (UDLARM4CCX) | 3,368 | 2,678 | 12,702 | 5,809 | 11,945 | 14,647 | 51,149 | 3,025 | 235,121 | 382,060 | 314,800 | 406,275 | 136,017 | 1,477,297 | 1,528,446 |

2022 Annual Baseline Spending, as filed in the 2022 Semi-Annual Report

| ACE Capital Distribution Projects (Baseline) | Jan | Feb | Mar | Apr | May | Jun | $\begin{gathered} \hline \text { Jan-Jun } \\ \text { Total } \\ \hline \end{gathered}$ | Jul | Aug | Sept | Oct | Nov | Dec | $\begin{gathered} \hline \text { Jul-Dec } \\ \text { Total } \\ \hline \end{gathered}$ | Full Year Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 70916: ACE NJ Cape May Sub: Add 2nd 42/45 MVA Transformer (UDSALM79D) | 552,619 | 2,176,328 | 2,488,848 | 742,842 | (7,011,808) | 444,569 | $(606,603)$ | 74,448 | 127,123 | 1,107,086 | 144,607 | 841,173 | 1,036,507 | 3,330,944 | 2,724,342 |
| 70918: ACE NJ Cape May Sub: Establish two new feeders (UDLALM7C9) | 2,616 | 841,243 | 27,781 | 8,225 | 17,974 | 11,873 | 909,712 | 1,039 | 22,929 | 35,107 | 19,664 | 75,991 | 28,887 | 183,618 | 1,093,329 |
| 70947: Carneys Point: Retire 69/4kV Substation (UDSARD8R3) | 1,784 | 1,344 | 1,501 | 1,114 | 1,629 | 3,025 | 10,397 | 3,966 | 122,795 | 49,940 | 151,325 | 154,330 | 25,461 | 507,816 | 518,214 |
| 71032: Chestnut Neck - 69/12kV Retirement (UDSARD8RG) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,770 | 7,176 | 12,863 | 9,729 | 4,924 | 3,946 | 40,408 | 40,408 |
| 71112: Comprehensive Feeder Improvements- ACE (UDLARM63A) | (526,435) | 576,963 | 1,941,080 | 522,698 | 1,463,820 | 17,593 | 3,995,720 | 474,567 | 326,594 | $(10,420)$ | 5,621 | 87,277 | 3,982 | 887,622 | 4,883,342 |
| 71445: ACE NJ DIST OH SPL Pole Replacements | 255,208 | 783,241 | 808,505 | 579,312 | 443,173 | 376,794 | 3,246,232 | 910,531 | 1,069,604 | 935,218 | 827,320 | 559,641 | 254,734 | 4,557,047 | 7,803,279 |
| 71602: ACE NJ DIST OH EMRG SPL 21400 P10/P20 REPAIR \& REPLACE | 2,618,623 | 2,780,893 | 2,889,061 | 2,770,724 | 2,258,625 | 2,425,176 | 15,743,103 | 2,564,386 | 2,600,789 | 1,509,620 | 2,367,201 | 1,882,325 | 2,422,092 | 13,346,413 | 29,089,516 |
| 71609: ACE NJ DIST UG EMRG SPL 21400 P10/P20 REPAIR \& REPLACE | 142,926 | 225,654 | 193,104 | 216,328 | 195,334 | 128,242 | 1,101,588 | 279,032 | 393,516 | 232,822 | 183,402 | 147,312 | 92,899 | 1,328,983 | 2,430,571 |
| 71669: Facility Relo Highway ACE (UDLACHOCX) | 384,624 | $(13,488)$ | 136,652 | 302,917 | 96,505 | 267,773 | 1,174,983 | 342,399 | (55,825) | 75,874 | 240,601 | 514,409 | 49,927 | 1,167,385 | 2,342,368 |
| 71784: Gibbstown Sub: 4 kV to 12 kV Feeder Re-insulation/Conversion ( | 17,236 | 0 | 0 | 0 | 0 | 0 | 17,236 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,236 |
| 71785: Gibsstown Sub: Retire 34/4 kV Substation (UDSARD8R7) | 7,563 | 6,591 | 6,808 | 3,136 | 2,828 | 213,271 | 240,197 | 139,528 | 43,179 | $(16,139)$ | 4,133 | (4) | 0 | 170,697 | 410,894 |
| 71842: ACE PowerAhead - Harbor Beach: Establish 69/12 kV GIS Sub (Dist Portion) | (449,799) | 810,417 | (91,562) | 69,195 | 114,951 | $(84,456)$ | 368,747 | (56,461) | 502 | 2,258 | (284,311) | 62 | 781 | (336,60 | 32,138 |
| 71844: Harbor Beach: Upgr 12kV Fdrs, Create 3rd \& 4th Fdrs, and Ma | 471,389 | (280,868) | 106,543 | 76,405 | 1,099,164 | 470,559 | 1,943,193 | $(4,658)$ | 449 | $(54,193)$ | 79,149 | 179,264 | 384,239 | 584,249 | 2,527,442 |
| 71998: Inspira - Road Widening along Rt 322 (DLA3C002) | 178,247 | 0 | $(178,247)$ | 178,247 | 0 | $(178,247)$ | 0 | 0 | 0 | 178,247 | 0 | 0 | $(178,247)$ | 0 | 0 |
| 72248: MDO \& CEMI REMEDIATION- ACE (UDLARM4MX) | 226,426 | 10,086 | $(31,004)$ | 20,077 | 35,939 | $(2,416)$ | 259,106 | 7,463 | 21,510 | 50,625 | 40,344 | 96,728 | 299,930 | 516,601 | 775,707 |
| 72265: MISC. RELIABILITY IMPROVEMENTS- ACE (UDLARM4CAX) | 472,931 | 17,671 | 511,182 | 63,697 | $(37,342)$ | 206,797 | 1,234,936 | 117,950 | 220,896 | 235,816 | 523,266 | 538,047 | 650,230 | 2,286,205 | 3,521,141 |
| 72367: Meters ACE (UDLACMR1X) | 164,216 | 127,089 | 213,214 | 140,266 | $(118,189)$ | $(4,096)$ | 522,500 | 1,616 | (74) | $(6,438)$ | 7,125 | $(2,204)$ | $(30,788)$ | (30,763) | 491,737 |
| 72375: Mickleton Sub: Feeder Reconfiguration (UDLARM4GJ) | 52,279 | 5,480 | 2,591 | (375) | 3,006 | (111) | 62,871 | 0 | 66,911 | $(33,001)$ | 922 | (1) | 0 | 34,831 | 97,701 |
| 72510: Motts Farm - Distribution Line Upgrades (UDLARM4PA2) | (1) | 0 | 349 | 0 | 0 | 0 | 348 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 348 |
| 72693: NERC Physical Security- Atlantic Distribution Sub (UDSARD8V) | 0 | 8,212 | $(8,184)$ | 0 | 0 | 0 | 28 | 0 | $(15,047)$ | 0 | 124 | 2,875 | $(14,645)$ | $(26,692)$ | (26,664) |
| 72705: NETWORK XFRM \& PROT REPL PLANNED (UDLARM4N) | 15,982 | 29,633 | 31,853 | 14,082 | (13,710) | 6,578 | 84,418 | 60,114 | 0 | 6,598 | 115,304 | 515,021 | 96,722 | 793,758 | 878,176 |
| 72800: ACE NJ Newport Sub: Dist Line Modifications (UDLARM4 | 3,058 | 2,108 | 2,877 | 1,836 | 2,044 | 10,703 | 22,625 | 23,490 | 0 | 1,193 | 0 | 0 | 47,764 | 72,447 | 95,072 |
| 72889: Ontario Sub: Replace 69/12 kV Transformers (UDSARD8A5) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 655 | 4,311 | 16,831 | 4,411 | 22,407 | 48,616 | 48,616 |
| 72890: Ontario Sub: Upgrade 12 kV Switchgear (UDSARD8KB) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 2,432 | 22,112 | 12,017 | 38,812 | 75,472 | 75,472 |
| 72998: ACE NJ DIST OH SPL Padmount Replacements | 6,923 | 1,648 | 25,543 | 77,288 | 43,162 | 91,207 | 245,772 | 5,570 | 44,020 | 39,148 | 4,261 | 19,554 | 9,095 | 121,648 | 367,420 |
| 73030: Penns Grove: Retire 69/4 kV Substation (UDSARD8R1) | 535 | 645 | 911 | 668 | 612 | 2,917 | 6,289 | 3,682 | 12,751 | 6,437 | 54,466 | 159,348 | 143,257 | 379,941 | 386,230 |
| 73200: ACE NJ Pleasantville - Replace 12kV Switchgear (UDSARD8P01) | 0 | 0 | 0 | 0 | 0 | 3,994 | 3,994 | 8,375 | 10,127 | 8,266 | 9,296 | 3,736 | 1,229 | 41,029 | 45,022 |
| 73244: Priority Feeder Improvements- ACE (UDLARM4F) | 189,032 | 284,595 | 461,630 | 1,145,915 | 1,875,973 | 831,467 | 4,788,612 | 589,974 | 264,775 | 1,020 | 1,983 | 33,920 | 274,904 | 1,166,577 | 5,955,188 |
| 73410: Replace Distribution ACE (UDLALM7CX) | 94,389 | 24,774 | 50,635 | 161,062 | 112,368 | 97,808 | 541,035 | 65,819 | 110,562 | 30,018 | 2,952 | 19,691 | 234,403 | 463,445 | 1,004,480 |
| 73453: Retire Brigantine 23/12kV Substation (UDSARD8RF) | 732 | 532 | 644 | 379 | 9,237 | 16,259 | 27,784 | 22,160 | 57,064 | 143,296 | 5,864 | (789) | 1,122 | 228,717 | 256,501 |
| 73459: Retire Harbor Beach 23/12kV (UDSARD8A24) | 732 | 540 | 510 | 379 | 6,220 | 274,646 | 283,027 | 13,449 | 10,100 | 4,736 | 854 | (0) | 0 | 29,140 | 312,166 |
| 73576: Salem Sub Retirement (UDSARQU1) | (89) | 2,333 | 218 | 172 | 87 | 8,689 | 11,410 | 19,155 | 81,954 | 56,797 | 62,957 | 111,942 | 223,914 | 556,721 | 568,131 |
| 73873: Terrace Substation: Install SWGR and Upgrade XFMRs (UDSARD17) | 87,636 | 49,727 | 423,099 | 57,665 | 50,296 | 82,320 | 750,744 | 51,745 | 52,346 | 46,126 | 41,572 | 31,580 | 30,146 | 253,516 | 1,004,260 |
| 74080: Washington Sub: New 69/12KV T3 Xfmr (UDSALM78K) | (23,236) | 10,623 | 52,359 | $(29,006)$ | 55,036 | (727) | 65,049 | 3,183 | 4,222 | 42,074 | 3,234 | 2,862 | 44,177 | 99,752 | 164,801 |
| 74128: Williamstown - Upgrade T5 (UDSALM79C) | 33,025 | 45,355 | 83,125 | 72,545 | 137,473 | 183,099 | 554,624 | 89,033 | 49,907 | 77,695 | 176,510 | 194,703 | 204,408 | 792,255 | 1,346,879 |
| 74144: Winslow Substation new control building (UDSARD8WS1) | 1,737 | 931 | 0 | 0 | 0 | 0 | 2,668 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,668 |
| 74378: Airco Sub: Create 69/12kV Sub (UDSARD8AS1) | 6,078 | 5,096 | 7,676 | 7,280 | 4,831 | 7,727 | 38,688 | 4,551 | 17,626 | 38,488 | 14,053 | 5,39 | 1,464 | 81,578 | 120,266 |
| 74556: Route 72 \& Washington Ave (UDLACH72W) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (70,68) | 0 | $(70,686)$ | $(70,686)$ |
| 74639: ACE Meters Equipment | 1,072 | 7,989 | 3,670 | $(2,143)$ | 7 | 13,405 | 24,000 | 3,780 | 10,093 | $(10,951)$ | 2,398 | 98,207 | 27,527 | 131,054 | 155,054 |
| 75053: NJDOT Shipbottom Flood Control 1A \& 1B (UDLACSFC1) | 1,624,134 | 615,501 | (1,424,562) | 2,171,280 | 439,331 | (3,622,884) | $(197,200)$ | 26,976 | 525 | (281,727) | 156,251 | 202,501 | 73,942 | 178,468 | (18,731) |
| 75082: NB Residential ACE | 948,668 | 1,114,006 | 1,444,295 | 1,069,725 | 1,183,130 | 1,377,613 | 7,137,436 | 1,276,543 | 1,178,039 | 501,458 | 1,316,725 | 1,265,400 | 1,110,619 | 6,648,784 | 13,786,220 |
| 75084: NB Commercial ACE | (57,211) | 858,823 | 757,271 | 269,119 | 440,086 | 1,626,855 | 3,894,943 | 769,251 | 1,198,567 | 591,576 | 232,943 | 392,594 | 448,858 | 3,633,788 | 7,528,731 |
| 75085: NB Street Light ACE | 79,995 | 28,985 | 88,945 | 69,520 | 17,436 | 26,965 | 311,846 | 188,638 | 426,444 | (360,553) | 50,147 | 69,444 | 120,395 | 494,515 | 806,361 |
| 75159: 11500 NJ Billable Damage Claims Distribution CAPITAL 21440416000 | 884,681 | (195,559) | (950,703) | 801,237 | (23,827) | (595,745) | $(79,917)$ | 750,872 | $(16,093)$ | $(23,472)$ | 34,288 | $(158,386)$ | (171,502) | 415,706 | 335,789 |
| 75370: ACE NJ Distribution Smart Fault Sensors | 13,963 | 152,236 | 10,058 | 4,997 | 10,658 | 24,926 | 216,839 | 50,588 | 211,617 | 173,739 | 60,164 | 441,762 | 163,021 | 1,100,890 | 1,317,729 |
| 75404: ACE NJ Kettle Run Distribution | 41,944 | 63,870 | $(121,296)$ | 141,626 | 1,342 | (142,968) | $(15,482)$ | (0) | 0 | 0 | 70 | 0 | 0 | 70 | $(15,412)$ |
| 75411: ACE NJ Kettle Run Substation | 178,559 | $(55,763)$ | $(163,557)$ | 190,717 | 3,108 | $(193,826)$ | $(40,761)$ | (0) | 0 | (0) | 1,054 | 0 | 0 | 1,054 | $(39,706)$ |
| 75570: ACE NJ GEMS Solar Project - Distribution Line | 143,478 | 12,842 | (156,320) | 200,298 | 12 | (200,310) | 0 | 0 | 0 | 0 | (0) | $(4,367)$ | (317) | $(4,684)$ | $(4,684)$ |
| 75574: ACE NJ GEMS Solar Project - Substation | $(96,189)$ | 18,891 | 77,299 | (162,588) | 2,584 | 160,004 | (0) | (0) | (0) | 0 | 0 | 5,944 | 0 | 5,943 | 5,943 |
| 75842: ACE NJ PJM Solar Project AE1-218 Glassboro | (770,615) | 82,483 | 688,132 | $(374,985)$ | 3,243 | 371,742 | (0) | 0 | (0) | 0 | 0 | (2) | 2 | 0 | (0) |
| 75885: ACE NJ Newport to South Millvile Dist Underbuilt Rebuild | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,237 | (115) | 0 | 15,121 | 15,121 |
| 76079: ACE NJ Second Street Substation Upgrade for Distribution Automation | 21,775 | 24,783 | 46,288 | 16,953 | 19,485 | 15,299 | 144,582 | 21,823 | 521,948 | 54,686 | 728,233 | 34,229 | 48,362 | 1,409,280 | 1,553,862 |
| 76280: ACE NJ Corson Sub: T4 Relay Replacement | 184 | 3,424 | 9,916 | 5,940 | $(7,674)$ | 1,680 | 13,471 | 19,374 | 0 | 17,065 | 14,375 | 5,513 | 11,111 | 67,438 | 80,909 |
| 76320: ACE NJ Pleasantville Switchgear Exit Feeder Cable Replacement | 0 | 0 | 0 | 0 | 0 | 666 | 666 | 568 | 281 | 0 | 0 | 0 | 0 | 850 | 1,516 |
| 76801: ACE NJ DIST OH PLAN CAP P30/P40 Repair \& Replace | 558,347 | 565,779 | 673,038 | 655,267 | 216,024 | 311,235 | 2,979,689 | 330,557 | 484,278 | 109,443 | 75,803 | 29,752 | 365,516 | 1,395,350 | 4,375,039 |
| 76802: ACE NJ DIST UG PLAN CAP P30/P40 Repair \& Replace | 97,244 | 258,297 | 93,689 | 374,694 | 124,396 | 220,048 | 1,168,368 | 233,542 | 286,245 | 262,474 | 261,644 | 114,221 | 20,357 | 1,178,484 | 2,346,851 |
| 77061: ACE NJ Winslow Sub - Replace T2 69/12kV 40MVA Transformer | 11,546 | 1,878 | 5,189 | 5,722 | 2,756 | 4,625 | 31,717 | 5,556 | 1,991 | 1,676 | 1,203 | (1) | 0 | 10,426 | 42,143 |
| 77106: ACE NJ Distribution Bus Improvement Program | 0 | 0 | 0 | 0 | 0 |  | 0 | 0 | 0 | 1,107 | 2,822 | 5,006 | 15,245 | 24,180 | 24,180 |
| 77181: ACE NJ South Millville T2 replacement Distribution sub | 162,669 | 47,762 | 59,113 | 187,844 | 697,831 | 760,984 | 1,916,204 | 438,190 | 223,153 | 282,175 | 142,036 | 145, 772 | (26,012) | 1,205,313 | 3,121,518 |
| 77317: ACE NJ Airco - Purchase Adjacent Property | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 206 | 337 | 3,793 | 147 | 4,482 | 4,482 |
| 77378: ACE NJ Distribution Automation Distribution Upgrades | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,481 | 8,102 | 16,946 | 53,033 | 1,209,147 | 1,292,709 | 1,292,709 |
| 77428: ACE NJ Cardiff Substation Upgrade for Distribution Automation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 255 | 218 | 54 | 2,808 | 3,617 | 6,953 | 6,953 |
| 77433: ACE NJ Silver Lake Substation Upgrade for Distribution Automation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 255 | 218 | 54 | 52 | 376 | 955 | 955 |
| 78673: ACE NJ Quinton - Artificial Island Distribution | 656 | 812 | 61 | 0 | 1,353 | (40,138) | $(37,256)$ | 1,591 |  | 0 | $(8,280)$ | 0 | 0 | $(6,688)$ | $(43,945)$ |

## 2022 Annual Baseline Spending, as filed in the 2022 Semi-Annual Report

| ACE Capital Distribution Projects (Baseline) | Jan | Feb | Mar | Apr | May | Jun | $\begin{aligned} & \text { Jan-Jun } \\ & \text { Total } \end{aligned}$ | Jul | Aug | Sept | Oct | Nov | Dec | $\begin{gathered} \text { Jul-Dec } \\ \text { Total } \\ \hline \end{gathered}$ | $\begin{aligned} & \text { Full Year } \\ & \hline \text { Total } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 79337: ACE NJ Ship Bottom NJ0556 Regulator Replacement | 0 | 0 | 817 | 95,319 | 64,903 | 6 | 161,045 | 0 | 0 | 12,321 | 0 | 0 | 0 | 12,321 | 173,366 |
| 79400: ACE NJ South Millville Distribution Lines | 0 | 0 | 143,960 | (100,480) | 42 | 1,552 | 45,075 | 5,530 | 37,410 | 2,728 | 3,198 | 0 | 0 | 48,867 | 93,942 |
| 79957: ACE NJ DENNIS SUB SPARE 138/12kV 75MVA XMFR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,484 | 7,420 | 864,786 | 845,654 | 13,793 | 1,743,136 | 1,743,136 |
| 80174: ACE NJ CLAYTON ADDITIONAL LAND | 0 | 0 | 0 | 0 | 0 | 6,545 | 6,545 | 0 | 4,779 | 4,586 | 0 | 11,523 | 0 | 20,888 | 27,433 |
| 80894: ACE SJ Gas Feeder | 0 | 0 | 0 | 0 | 0 | 628 | 628 | 0 | 0 | 336 | 986 | 1,803 | 1,490 | 4,616 | 5,244 |
| 81059: ACE NJ QUINTON NJ1312 CONDUCTOR UPGRADE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 54,913 | 295,604 | 228,752 | 643,056 | 1,222,325 | 1,222,325 |
| 81086: ACE NJ MINOTOLA NJ0814 CONDUCTOR UPGRADE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19,738 | 18,652 | 2,537 | 4,284 | 430,514 | 464,524 | 940,248 | 940,248 |
| 81111: ACE NJ MINOTOLA NJ0815 CONDUCTOR UPGRADE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21,521 | 10,071 | 2,813 | 8,537 | 34,987 | 129,747 | 207,676 | 207,676 |
| 81188: ACE NJ BL England - Retire 23kV | 0 | 0 | 0 | 0 | 0 | 78,170 | 78,170 | 3,716 | 24,726 | 502,523 | 50,943 | 68,058 | 300,276 | 950,242 | 1,028,412 |
| 82246: ACE NJ QUINTON UPGRADE VOLTAGE REGULATOR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 220 | 76,744 | 2,924 | 79,887 | 79,887 |
| 84257: ACE:N:New69 kV line from Paulsboro to the costumer | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 323 | 24,871 | 36,906 | (58,446) | 2,859 | 6,513 | 6,513 |
| 84681:ACE NJ REGULATOR UPGRADE WINSLOW NJO244 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80,606 | 615 | 0 | 2,859 | 401 | 84,481 | 84,481 |
| 85143: ACE PJM 279 Bridgeton Pike Esky Solar Project | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,348 | 1,348 | 1,348 |
| 85690 ACE NJ SHIP BOTTOM NJO557 CONDUCTOR UPGRADE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,197 | 220,373 | 223,570 | 223,570 |
| 86854: 11500 NJ Billable Damage Claims Distribution EXPENSE 21440416000 | 0 | 0 | 0 | 0 | 0 | $(6,082)$ | $(6,082)$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $(6,082)$ |
| Grand Total | 10,427,193 | 14,700,698 | 16,899,504 | 16,070,030 | 10,215,721 | 13,178,331 | 81,491,478 | 15,160,036 | 17,460,306 | 15,772,925 | 14,358,809 | 18,461,658 | 24,442,315 | 105,656,050 | 187,147,528 |
| Less 75\% of Customer Driven \& Emergency Spending | $(1,198,612)$ | $(2,147,219)$ | $(1,796,556)$ | $(2,048,808)$ | $(1,706,383)$ | $(651,202)$ | (9,548,782) | $(2,099,965)$ | $(2,223,651)$ | $(648,961)$ | $(1,559,017)$ | $(1,738,439)$ | $(1,427,215)$ | $(9,697,248)$ | (19,246,030) |
| $\underline{\text { Total } 2022 \text { Baseline Spending }}$ | 9,228,581 | 12,553,479 | 15,102,948 | 14,021,222 | 8,509,338 | 12,527,129 | 71,942,696 | 13,060,071 | 15,236,655 | 15,123,964 | 12,799,792 | 16,723,220 | 23,015,100 | 95,958,802 | $\underline{167,901,498}$ |


| ACE Capital Distribution Projects (Baseline) | Jan | Feb | Mar | Apr | May | Jun | Jan-Jun Total | Jul | Aug | Sept | Oct | Nov | Dec | Jul-Dec Total | Full Year Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 61972: Advanced Distribution Mgmt System (ADMS) Implementation (ACE) - Cap | 285,115 | 343,318 | 338,504 | 294,866 | 229,030 | 372,524 | 1,863,358 | 181,510 | 207,089 | 169,531 | 166,953 | 242,248 | 139,061 | 1,106,392 | 2,969,750 |
| 62241: ACE NJ Beach Haven Battery Storage SUBSTATION Portion of Project Work | 99,733 | 181,389 | 252,301 | 348,284 | 370,317 | 910 | 1,472,934 | 102,793 | 9,585 | 7,675 | 8,919 | 7,512 | 5,924 | 142,408 | 1,615,342 |
| 62640: ACE NJ Churchtown-Pennsgrove 69 kV Distribution Underbuild | 348,320 | 267,932 | 271,593 | 258,002 | 69,773 |  | 1,215,620 |  |  |  | 65,567 |  |  | 65,567 | 1,281,187 |
| 63061: ACE NJ CM Non-emergency Dist Sub Cap | 56,097 | 54,038 | 1,395 | 12,546 | 35,935 | 74,514 | 234,525 | 13,512 | 10,763 | 667 | 1,173 | 1,66 | 3,323 | 31,104 | 265,629 |
| 63263: ACE NJ Transformer Load Management |  |  | 16,738 | 15,899 | 17,200 | 16,0 | 65,892 | 17,427 | 17,74 | 15,87 | 16,20 | 15,575 | 15,621 | 98,443 | 164,335 |
| 63491: ACE NJ Distribution - Station Service Transformer Replacements |  |  |  |  |  | 5,404 | 5,404 | 5,906 | 5,977 | 5,385 | 5,470 | 30,58 | 5,725 | 59,043 | 64,447 |
| 63597: ACE NJ Paulsboro - Install $69 / 12 \mathrm{kV}$ Substation | 62 | 79 | 61 | 77 | 92 | 94 | 465 | 63 | 26,081 | 25,974 | 26,869 | 25,471 | 17,691 | 122,149 | 122,614 |
| 63622: ACE NJ High Street - Install 2 nd 69/12kV Transformer | 8,302 | 1,765 | 0,393 | 319,971 | 84,555 | 8,263 | 553,249 | 57,764 | 306,630 | 215,658 | 236,242 | 230,192 | 210,426 | 1,256,912 | 1,810,161 |
| 63631: ACE NJ Salem - Install $69 / 12 \mathrm{kV}$ Substation | 18,696 | 17,906 | 18,171 | 17,189 | 18,712 | 17,371 | 108,045 | 22,629 | 23,816 | 21,112 | 23,899 | 22,952 | 23,055 | 137,463 | 245,508 |
| 63684: ACE NJ Atlantic Region - Distribution - Drainage \& Driveway Remediation |  |  |  |  |  | 4,238 | 4,238 | 4,755 | 44,843 | 2,707 | 35,717 | 197,626 | 4,880 | 290,528 | 294,766 |
| 63693: ACE NJ Purchase Mobile Transformer | 374 | 362 | 372,745 | 335 | 356 | 338 | 374,510 | 358 | 359 | 331 | 335 | 329 | 344 | 2,056 | 376,566 |
| 63695: ACE NJ Purchase Mobile Transformer | 336 | 326 | 318 | 310,636 | 325 | 307 | 312,248 | 327 | 327 | 302 | 305 | 301 | 310,644 | 12,206 | 624,454 |
| 64065: ACE NJ Beckett- 12kV SWGR Upgrade A\&B |  |  |  |  | 4,504 | 4,566 | 9,070 | 4,706 | 5,039 | 4,350 | 4,551 | 4,461 | 4,441 | 27,548 | 36,618 |
| 64116: ACE NJ Paulsboro - Installation of 12kV Feeder Getaways |  |  |  |  |  |  | 0 |  |  |  |  |  | 697 | 697 | 697 |
| 64132: ACE NJ Salem - Distribution Line Feeder Getaways | 78 | 101 | 285 | 275 | 292 | 171 | 1,202 | 185 | 189 | 278 | 284 | 277 | 846 | 2,059 | 3,261 |
| 64166: ACE NJ DIST OH SPL Cross Arm Replacements | 9,166 | 11,378 | 29,043 | 27,878 | 29,807 | 18,288 | 125,560 | 19,633 | 20,017 | 28,040 | 28,756 | 28,168 | 16,099 | 140,713 | 266,273 |
| 65626: ACE Monroe-Pine Hill 69 kV Distribution Underbuild | 434,431 | 436,276 | 332,324 | 282,629 | 305,552 | 281,749 | 2,072,961 | 291,093 | 287,814 | 253,651 | 195,353 | 2,391 | 2,317 | 1,032,619 | 3,105,580 |
| 65948: ACE NJ Monsanto to River Distribution Underbuild |  |  |  |  |  |  | 0 |  |  |  | 14,595 | 14,027 | 14,067 | 42,689 | 42,689 |
| 66668: ACE Smart Energy Network NJ/AMI Program - Install Costs | 1,349,629 | 1,272,176 | 1,313,617 | 2,862,326 | 1,288,403 | 3,181,976 | 11,268,127 | 1,600,708 | 1,615,601 | 3,144,223 | 1,502,478 | 3,123,082 | 2,078,071 | 13,064,163 | 24,332,290 |
| 68123: ACE Mickleton-Paulsboro-Valero -Paulsboro Underbuild | 188,546 | 180,658 | 184,088 | 56,035 | 6,459 | 4,975 | 620,761 | 5,153 | 5,712 | 4,695 | 5,008 | 4,849 | 4,696 | 30,113 | 650,874 |
| 68532: ACE NJ WASHINGTON: UPGRADE T2 69/12KV TRANSFORMER | 7,028 | 6,377 | 6,770 | 41,121 | 49,977 | 46,202 | 157,475 | 49,727 | 51,266 | 45,184 | 46,767 | 236,415 | 96,354 | 525,713 | 683,188 |
| 68627: ACE NJ COURT: 69/12KV T1 TRANSFORMER REPLACEMENT |  |  |  | 2,177 | 2,339 | 2,277 | 6,793 | 2,556 | 2,541 | 2,174 | 2,151 | 2,092 | 2,268 | 13,782 | 20,575 |
| 68661: ACE NJ PINE HILL: UPGRADE 12KV SWITCHGEAR A \& B |  |  |  |  |  |  | 0 |  |  | 15,309 | 32,550 | 350,714 | 50,141 | 448,714 | 448,714 |
| 68692: ACE NJ WASHINGTON: UPGRADE 12KV SWITCHGEAR A \& B |  |  | 5 | 3 | 4 | 3 | 15 | 2 | 4 | 15,741 | 18,895 | 20,582 | 25,885 | 81,109 | 81,124 |
| 68817: ACE Community Solar Distribution | 8,988 | 5,180 | 3,188 | 267 | 4,730 | 6,286 | 28,639 | 15,337 | 7,746 | $(11,082)$ | $(2,391)$ | $(2,532)$ | 13,952 | 21,030 | 49,669 |
| 68829: ACE Large customer interconnections distribution line/sub | 7,591 | 4,652 | 2,657 | 819 | 3,446 | 4,256 | 23,421 | 10,168 | 4,367 | $(6,302)$ | $(1,706)$ | $(2,868)$ | 7,721 | 11,380 | 34,801 |
| 68989: ACE Smart Energy Network NJ/AMI Program - Meter Purchases | 337,653 | 158,769 | 5,809,051 | 7,850,869 | 8,026,265 | 4,316,209 | 26,498,816 | 5,352,705 | 4,835,120 | 2,809,303 | 2,155,546 | 2,242,660 | 2,024,298 | 19,419,632 | 45,918,448 |
| 68994: ACE Smart Energy Network NJ/AMI Program -Comms Network Costs | 129,008 | 123,704 | 125,126 | 250,881 | 128,911 | 869,821 | 1,627,451 | 297,743 | 297,883 | 275,028 | 413,500 | 918,308 | 273,332 | 2,475,794 | 4,103,245 |
| 68995: ACE Smart Energy Network NJ/AMI Program BU Internal Labor | 14,741 | 14,118 | 24,356 | 193 |  |  | 53,408 |  |  |  |  |  |  |  | 53,408 |
| 69057: ACE NJ 0737 \#1 Middle - Rio Grande Cape May Distribution Underbuild | 20,049 | 19,269 | 19,504 | 18,534 | 20,072 | 5,504 | 102,932 | 6,007 | 6,092 | 5,468 | 1,143,445 | 1,143,274 | 5,450 | 2,309,736 | 2,412,668 |
| 69405: ACE NJ New Logan Sub Land Purchase |  |  |  |  |  |  | 0 |  | 148,846 | 131,953 | 134,979 | 129,298 | 129,706 | 674,782 | 674,782 |
| 70357: ACE Reg: Underbuilt Distribution Rebuild (UDLAPN7D) | 44 | 77 | 58 | 59 | 25 | 22 | 285 | 46 | 20 | 34 | 72 | 64 | 41 | 277 | 562 |
| 70359: ACE Region: Replace Distribution Sub LTC (UDSARD8TC) | 3,370 | 3,239 | 4,503 | 4,311 | 3,436 | 3,212 | 22,071 | 3,498 | 3,512 | 238,498 | 137,647 |  |  | 383,155 | 405,226 |
| 70362: ACE Substation Fire Protection Distribution (UDSARD8FP) |  | 5,378 | 5,359 | 12,552 | 74,565 | 55,400 | 153,254 | 4,746 | 72,100 | 75,968 | 108,182 | 132,888 | 3,745 | 397,629 | 550,883 |
| 70368: ACE-Recycle \& Salvage Capitalized Equip. (UDLAMS5) |  |  |  |  |  |  | 0 |  | $(55,091)$ |  |  |  |  | $(55,091)$ | $(55,091)$ |
| 70408: ACE NJ - ATL Region: Replace Distribution Sub Lightning Arresters (UDSAR |  |  | 12,669 | 23,422 | 118,067 |  | 154,158 |  | 10,373 | 33,740 | 113,413 | 2,683 |  | 160,209 | 314,367 |
| 70418: Add SCADA/RTU Capability (UDSARD8M) | 1,846 | 1,777 | 1,823 | 1,745 | 1,877 | 2,365 | 11,433 | 1,909 | 1,923 | 38,708 | 215,281 |  |  | 257,821 | 269,254 |
| 70467: AtI Reg: Salvage Scrap Wire/Cable (UDLAOSV5) |  |  |  |  |  |  | 0 |  | (375,616) |  |  |  |  | $(375,616)$ | $(375,616)$ |
| 70473: ACE NJ CM Distribution Substation Emergency Capital (UDSARD71) | 81,330 | 55,763 | 123,838 | 17,855 | 63,817 | 72,327 | 414,930 | 124,764 | 136,177 | 99,995 | 199,502 | 71,735 | 37,726 | 669,899 | 1,084,829 |
| 70475: Atlantic ECA: Replace Distribution Breakers (UDSARD9D) | 114,962 | 351,843 | 310,845 | 253,285 | 143,026 | 106,184 | 1,280,145 | 113,807 | 115,412 | 290,096 | 262,068 | 215,951 | 134,494 | 1,131,828 | 2,411,973 |
| 70476: Atlantic ECA: Replace Distribution Circuit Switchers (UDSARD8SC | 2,576 | 3,069 | 2,474 | 2,380 | 2,536 | 2,420 | 15,455 | 2,916 | 2,915 | 68,895 | 1,487 | 29,127 | 180,210 | 285,550 | 301,005 |
| 70477: Atlantic ECA: Replace Distribution Control House Roofs (UDSARD8 |  |  |  | 1,364 | 92,195 | 67,462 | 161,021 | 64,255 | 1,511 |  |  |  |  | 65,766 | 226,787 |
| 70478: Atlantic ECA: Replace Distribution Switches (UDSARD8S3) |  |  |  |  | 51,160 | 2,755 | 53,915 |  | 23,792 |  | 189,824 | 1,341 |  | 214,957 | 268,872 |
| 70479: Atlantic ECA: Repl Dist-Class Batteries \& Chargers (UDSARD8 | 5,126 | 6,817 | 6,353 | 2,333 | 85,908 | 113,646 | 220,183 | 19,211 |  |  |  |  |  | 19,211 | 239,394 |
| 70480: Atlantic ECA: Replace Distribution-Class Bushings (UDSARD8F) | 4,104 | 30,576 | 132,723 | 200,362 |  |  | 367,765 |  |  |  |  |  |  | 0 | 367,765 |
| 70481: Atlantic ECA: Replace Distribution-Class Substation Structures | 3,683 | 43,779 | 44,328 | 8,129 | 8,794 | 8,281 | 116,994 | 132,533 | 9,227 | 8,111 | 8,203 | 117,200 | 8,301 | 283,575 | 400,569 |
| 70495: Atlantic Region - Submarine Cable Blanket (UDLARM40) | 54 | 126 | 91 | 94 | 67 | 74 | 506 | 41 | 69 | 108 | 116 | 64 | 76 | 474 | 980 |
| 70508: Atlantic: Substation Animal Protection (UDSARD8J) |  |  | 3,545 | 59,692 | 15,993 |  | 79,230 |  | 1,462 | 59,668 | 324,350 |  |  | 385,480 | 464,710 |
| 70916: ACE NJ Cape May Sub: Add 2nd 42/45 MVA Transformer (UDSALM79D) | 1,029,394 | 911,968 | 427,548 | 37,048 | 16,210 | 14,472 | 2,436,640 | 14,211 | 15,723 | 12,944 | 13,816 | 13,317 | 102,476 | 172,487 | 2,609,127 |
| 70918: ACE NJ Cape May Sub: Establish two new feeders (UDLALM7C9) | 291,460 | 148,562 | 58,103 | 63,203 | 3,460 | 3,078 | 567,866 | 3,221 | 3,576 | 2,909 | 3,107 | 2,991 | 38,356 | 54,160 | 622,026 |
| 71032: Chestnut Neck - 69/12kV Retirement (UDSARD8RG) |  |  |  |  |  |  | 0 |  |  | 263,906 | 269,958 | 258,596 | 321,416 | 1,113,876 | 1,113,876 |
| 71094: ACE NJ - Clayton Sub: Retire T1 TXF (69/34 kV) (UDSARD8P2) | 1,438 | 70,247 | 71,284 | 67,434 | 1,439 | 1,337 | 213,179 | 59,857 | 1,489 | 1,319 | 1,350 | 318,073 | 474,723 | 856,811 | 1,069,990 |
| 71112: Comprehensive Feeder Improvements- ACE (UDLARM63A) | 43,735 | 49,003 | 83,387 | 79,923 | 83,906 | 62,984 | 402,938 | 58,010 | 58,675 | 80,619 | 80,954 | 78,972 | 48,644 | 405,874 | 808,812 |
| 71445: ACE NJ DIST OH SPL Pole Replacements | 62,582 | 363,609 | 225,344 | 302,442 | 322,075 | 448,888 | 1,724,940 | 466,356 | 483,693 | 434,705 | 295,564 | 287,529 | 220,547 | 2,188,394 | 3,913,334 |
| 71602: ACE NJ DIST OH EMRG SPL 21400 P10/P20 REPAIR \& REPLACE | 1,459,019 | 1,473,615 | 1,507,051 | 1,481,867 | 1,360,044 | 1,547,442 | 8,829,038 | 1,484,819 | 1,449,319 | 1,255,534 | 1,316,588 | 1,004,995 | 1,002,689 | 7,513,944 | 16,342,982 |
| 71609: ACE NJ DIST UG EMRG SPL 21400 P10/P20 REPAIR \& REPLACE | 226,744 | 164,722 | 118,043 | 78,157 | 101,389 | 137,369 | 826,424 | 180,913 | 290,315 | 195,216 | 213,739 | 220,160 | 148,905 | 1,249,248 | 2,075,672 |
| 71669: Facility Relo Highway ACE (UDLACHOCX) | 189,337 | 177,499 | 198,303 | 180,023 | 204,198 | 187,796 | 1,137,156 | 190,511 | 206,016 | 186,990 | 188,873 | 191,798 | 186,077 | 1,150,265 | 2,287,421 |
| 71804: Glassboro Sub: Retire T2 TXF (69/34 kV) (UDSARD8R2) | 4,491 | 4,624 | 4,245 | 4,054 | 4,369 | 2,268 | 24,051 | 8,201 | 2,433 | 2,169 | 3,718 | 1,537 | 21,046 | 39,104 | 63,155 |
| 71806: Glassboro Substation: Replace T3 Transformer (UDSARD8GS1) |  | 3,571 | 4,099 | 3,427 | 4,200 | 3,793 | 19,090 | 3,856 | 4,223 | 194,543 | 199,044 | 44,703 | 9,979 | 456,348 | 475,438 |
| 72248: MDO \& CEMI REMEDIATION- ACE (UDLARM4MX) | 35,206 | 39,673 | 68,051 | 69,919 | 69,232 | 56,299 | 338,380 | 51,242 | 49,000 | 65,661 | 66,636 | 64,917 | 39,993 | 337,449 | 675,829 |
| 72265: MISC. RELIABILTY IMPROVEMENTS- ACE (UDLARM4CAX) | 100,723 | 110,152 | 183,997 | 160,471 | 170,859 | 115,046 | 841,248 | 136,901 | 125,129 | 161,461 | 166,384 | 162,422 | 121,576 | 873,873 | 1,715,121 |
| 72367: Meters ACE (UDLACMR1X) | 106,335 | 90,280 | 93,175 | 93,876 | 97,722 | 93,829 | 575,217 | 87,816 | 101,965 | 89,245 | 98,770 | 76,164 | 66,249 | 520,209 | 1,095,426 |
| 72441: Minotola Sub New 12 kV Feeder Terminal - 12 kV Bus T1 (UDSACS6W2) | 17,223 | 15,459 | 17,756 | 15,258 | 12,938 | 11,494 | 90,128 | 12,047 | 13,386 | 10,878 | 11,604 | 11,164 | 10,777 | 69,856 | 159,984 |


| ACE Capital Distribution Projects (Baseline) | Jan | Feb | Mar | Apr | May | Jun | $\begin{gathered} \hline \text { Jan-Jun } \\ \text { Total } \\ \hline \end{gathered}$ | Jul | Aug | Sept | Oct | Nov | Dec | Jul-Dec Total | Full Year Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 72537: Mullica Hill - Retire substation (UDSARD8RG2) | 4,047 | 34,516 | 34,418 | 33,342 | 39,439 | 2,031 | 147,793 | 2,148 | 2,783 | 2,576 | 3,942 | 1,979 | 2,029 | 15,457 | 163,250 |
| 72693: NERC Physical Security- Atlantic Distribution Sub (UDSARD8V) |  |  |  |  |  | 595,588 | 595,588 | 1,464 | 1,464 |  |  |  |  | 2,928 | 598,516 |
| 72800: ACE NJ Newport Sub: Dist Line Modifications (UDLARM4 | 97,249 | 94,384 | 28,212 | 26,474 | 29,055 | 26,905 | 302,279 | 29,310 | 30,043 | 26,491 | 27,173 | 26,042 | 42,375 | 181,434 | 483,713 |
| 72874: ACE NJ - Ocean City Substation: Upgrade 12 kV Switchgears (UDSARD8KC) | 170,058 | 218,386 | 203,516 | 124,984 | 137,486 | 120,845 | 975,275 | 117,690 | 126,039 | 112,236 | 122,405 | 15,368 | 26,341 | 520,079 | 1,495,354 |
| 72889: Ontario Sub: Replace 69/12 kV Transformers (UDSARD8A5) | 2,396 | 2,310 | 2,358 | 2,263 | 2,423 | 2,277 | 14,027 | 2,451 | 2,468 | 2,245 | 41,072 | 40,000 | 42,335 | 130,571 | 144,598 |
| 72890: Ontario Sub: Upgrade 12 kV Switchgear (UDSARD8KB) | 40,225 | 4,262 | 4,371 | 8,616 | 125,197 | 15,051 | 197,722 | 4,578 | 4,617 | 4,164 | 125,932 | 32,555 | 83,861 | 255,70 | 453,429 |
| 72998: ACE NJ DIST OH SPL Padmount Replacements | 78,140 | 73,979 | 76,626 | 113,800 | 119,576 | 71,675 | 533,796 | 75,964 | 77,929 | 108,603 | 110,427 | 65,438 | 38,872 | 477,233 | 1,011,029 |
| 73020: Paulsboro Sub: Retire Distribution Assets (UDSARD8RD) | 3,126 | 2,733 | 3,279 | 2,721 | 7,514 | 6,705 | 26,078 | 6,993 | 7,756 | 6,323 | 6,75 | 6,519 | 6,31 | 40,662 | 66,740 |
| 73030: Penns Grove: Retire 69/4 kV Substation (UDSARD8R1) |  |  |  |  |  |  | 0 |  |  |  | 174,652 | 167,452 | 169,267 | 511,371 | 511,371 |
| 73200: ACE NJ Pleasantville - Replace 12kV Switchgear (UDSARD8P01) | 4,804 | 4,628 | 4,742 | 44,997 | 168,401 | 25,122 | 252,694 | 49,528 | 34,660 | 361,300 | 57,017 | 10,922 | 11,042 | 524,469 | 777,163 |
| 73410: Replace Distribution ACE (UDLALM7CX) | 138,185 | 137,604 | 134,675 | 128,309 | 138,298 | 129,484 | 806,555 | 140,008 | 142,465 | 128,124 | 130,655 | 125,894 | 126,344 | 793,490 | 1,600,045 |
| 73576: Salem Sub Retirement (UDSARQU1) | 128,712 | 470,130 | 192,656 | 70,671 |  |  | 862,169 |  |  |  |  |  |  | 0 | 862,169 |
| 73648: Single Phase Reclosing Devices- ACE (UDLARM4TS) | 348 | 448 | 1,251 | 1,186 | 1,276 | 754 | 5,263 | 821 | 833 | 1,181 | 1,213 | 1,166 | 634 | 5,84 | 11,111 |
| 73665: Solar Projects - Dist Line Upgrades (UDLACSOL) | $(9,831)$ | $(9,806)$ | $(9,830)$ | $(9,826)$ | $(9,839)$ | (9,848) | (58,980) | $(9,831)$ | $(9,838)$ | $(9,835)$ | $(9,821)$ | $(9,829)$ | 359,243 | 310,089 | 251,109 |
| 73677: ACE NJ South Millville Sub: 12kV Rebuild (UDSARD8SM1) | 5,535 | 5,317 | 5,463 | 5,199 | 5,620 | 5,245 | 32,379 | 5,694 | 65,310 | 57,955 | 59,266 | 58,197 | 60,288 | 306,710 | 339,089 |
| 73868: Terrace Sub: Dist Line Modifications for new SWGR (UDLARM4T01) | 11,410 | 9,796 | 12,522 | 9,904 | 12,743 | 10,957 | 67,332 | 12,105 | 13,407 | 10,377 | 11,436 | 10,689 | 10,190 | 68,204 | 135,536 |
| 73873: Terrace Substation: Install SWGR and Upgrade XFMRs (UDSARD17) | 13,056 | 73,638 | 83,617 | 85,166 | 100,088 | 103,374 | 458,939 | 121,766 | 125,852 | 117,048 | 125,344 | 109,417 | 89,231 | 688,658 | 1,147,597 |
| 74128: Williamstown - Upgrade T5 (UDSALM79C) | 139,032 | 29,239 | 419,297 | 160,585 | 31,337 | 6,705 | 786,195 | 6,993 | 7,756 | 639,956 | 652,440 | 135,818 | 102,902 | 1,545,865 | 2,332,060 |
| 74367: Airco Sub: Establish New Feeders (UDLARM4AS1) | 2,161 | 2,747 | 2,784 | 2,645 | 2,861 | 2,670 | 15,868 | 2,898 | 2,951 | 2,640 | 2,696 | 2,591 | 6,412 | 20,188 | 36,056 |
| 74378: Airco Sub: Create 69/12kV Sub (UDSARD8AS1) | 13,201 | 12,592 | 15,122 | 51,265 | 57,452 | 13,925 | 163,557 | 73,887 | 26,448 | 95,122 | 97,735 | 56,570 | 55,770 | 405,532 | 569,089 |
| 74379: Oldman - Retire 69/12kV Substation (UDSARD8RS1) |  |  | 2,515 | 2,515 | 2,515 |  | 7,545 |  |  | 2,515 | 12,515 | 12,515 | 10,750 | 38,295 | 45,840 |
| 74639: ACE Meters Equipment | 167,721 | 167,721 | 167,721 | 167,721 | 167,721 | 167,721 | 1,006,326 | 167,721 | 167,721 | 167,721 | 167,721 | 167,721 | 167,724 | 1,006,329 | 2,012,655 |
| 75082: NB Residential ACE | 1,161,381 | 1,056,206 | 1,095,113 | 1,073,684 | 1,108,596 | 1,056,071 | 6,551,051 | 1,186,207 | 1,138,592 | 1,056,480 | 1,079,253 | 1,034,892 | 1,175,432 | 6,670,856 | 13,221,907 |
| 75084: NB Commercial ACE | 896,176 | 822,374 | 849,942 | 762,088 | 869,944 | 813,375 | 5,013,899 | 881,899 | 971,318 | 796,078 | 825,838 | 765,206 | 856,552 | 5,096,891 | 10,110,790 |
| 75085: NB Street Light ACE | 190,852 | 154,967 | 217,345 | 167,893 | 193,745 | 262,163 | 1,186,965 | 218,014 | 165,830 | 182,309 | 199,896 | 281,032 | 282,833 | 1,329,914 | 2,516,879 |
| 75159: 11500 NJ Billable Damage Claims Distribution CAPITAL 21440416000 | 1,804 | 2,516 | 2,219 | 1,823 | 1,659 | 1,477 | 11,498 | 1,564 | 1,405 | 1,868 | 2,646 | 1,963 | 1,641 | 11,087 | 22,585 |
| 75582: ACE NJ Cumberland to Union Distribution Underbuild |  |  |  |  |  |  | 0 |  |  | 32,189 | 32,870 | 31,592 | 25,127 | 121,778 | 121,778 |
| 75842: ACE NJ PJM Solar Project AE1-218 Glassboro(100\% Reimb) |  |  |  |  |  | 22,913 | 22,913 |  |  |  |  |  |  | 0 | 22,913 |
| 75885: ACE NJ Newport to South Millvile Dist Underbuilt Rebuild | 32,837 | 34,228 | 34,696 | 32,959 | 35,654 | 66,378 | 236,752 | 71,474 | 36,782 | 32,898 | 33,594 | 56,865 | 55,319 | 286,932 | 523,684 |
| 76079: ACE NJ Second Street Substation Upgrade for Distribution Automation | 553,973 | 24,199 | 23,163 | 20,637 | 21,556 |  | 643,528 | 1,551,653 | 874,137 |  | 336,191 | 128,507 | 127,956 | 3,018,444 | 3,661,972 |
| 76280: ACE NJ Corson Sub: T4 Relay Replacement |  |  |  | 764,555 |  |  | 764,555 |  |  |  |  |  |  | 0 | 764,555 |
| 76320: ACE NJ Pleasantville Switchgear Exit Feeder Cable Replacement | 45,857 | 59,335 | 163,207 | 157,437 | 157,052 | 100,324 | 683,212 | 108,227 | 109,677 | 147,565 | 151,990 | 147,525 | 87,011 | 751,995 | 1,435,207 |
| 76801: ACE NJ DIST OH PLAN CAP P30/P40 Repair \& Replace | 351,828 | 314,522 | 464,400 | 336,036 | 444,979 | 321,886 | 2,233,651 | 353,372 | 331,450 | 267,524 | 275,143 | 329,008 | 342,770 | 1,899,267 | 4,132,918 |
| 76802: ACE NJ DIST UG PLAN CAP P30/P40 Repair \& Replace | 168,788 | 166,570 | 177,408 | 167,403 | 178,393 | 170,658 | 1,029,220 | 161,591 | 173,669 | 164,107 | 168,607 | 161,892 | 143,666 | 973,532 | 2,002,752 |
| 77061: ACE NJ Winslow Sub - Replace T2 69/12kV 40MVA Transformer | 5,285 | 5,151 | 5,115 | 6,431 | 7,075 | 6,635 | 35,692 | 53,609 | 261,524 | 48,922 | 256,853 | 111,369 | 371,534 | 1,103,811 | 1,139,503 |
| 77198: ACE-NJ-LBI Sub - Establish 69/12 kV GIS Sub (Dist Portion) |  |  |  |  | 22,546 | 227,270 | 249,816 | 33,140 | 33,610 | 23,329 | 25,111 | 15,032 | 204,986 | 335,208 | 585,024 |
| 77273:ACE-NJ- Long Beach Island Sub - Dist Feeder | 5,401 | 5,239 | 5,294 | 5,090 | 5,408 | 5,128 | 31,560 | 5,463 | 5,540 | 5,082 | 5,165 | 5,009 | 5,021 | 31,280 | 62,840 |
| 77415: ACE NJ Nortonville Substation Upgrade for Distribution Automation | 543 | 524 | 43,080 | 493 | 44,301 | 497 | 89,438 | 44,850 | 3,735 | 491 | 498 | 484 | 128 | 50,186 | 139,624 |
| 77419: ACE NJ Woodstown Substation Upgrade for Distribution Automation | 526 | 507 | 497 | 33,460 | 514 | 33,784 | 69,288 | 522 | 37,315 | 1,436 | 483 | 470 | 128 | 40,354 | 109,642 |
| 77428: ACE NJ Cardiff Substation Upgrade for Distribution Automation | 526 | 507 | 497 | 52,195 | 514 | 52,688 | 106,927 | 522 | 58,477 | 478 | 483 | 470 | 1,289 | 61,719 | 168,646 |
| 77433: ACE NJ Silver Lake Substation Upgrade for Distribution Automation | 898 | 864 | 44,137 | 821 | 45,406 | 824 | 92,950 | 46,049 | 4,823 | 818 | 828 | 805 | 458 | 53,781 | 146,731 |
| 78673: ACE NJ Quinton - Artificial Island Distribution | 17,208 | 1,699 | 1,593 | 1,660 | (64,524) | $(50,012)$ | $(92,376)$ | $(48,013)$ | (57,910) | $(2,254)$ | 1,626 | $(4,834)$ | 22,550 | $(88,835)$ | (181,211) |
| 79957: ACE NJ DENNIS SUB SPARE 138/12kV 75MVA XMFR | 772 | 741 | 746 | 3,538 | 3,791 | 3,369 | 12,957 | 263,332 | 1,458 | 1,282 | 1,283 | 1,245 | 3,363 | 271,963 | 284,920 |
| 80174: ACE NJ CLAYTON ADDITIONAL LAND |  |  |  |  | 155,165 |  | 155,165 |  |  |  |  |  |  | 0 | 155,165 |
| 80719:ACE NJ Deepwater Distribution (100\% Reimb) |  |  | 23,268 | 12,378 | (463) | (463) | 34,720 | (231) |  |  |  |  |  | (231) | 34,489 |
| 80728: ACE NJ NORTONVILLE 2ND TRANSFORMER DISTRIBUTION LINE |  |  |  | 13,382 | 14,399 | 13,503 | 41,284 | 17,576 | 17,862 | 16,173 | 18,266 | 17,585 | 15,856 | 103,318 | 144,602 |
| 80734: ACE NJ NORTONVILLE 2ND TRANSFORMER DISTRIBUTION SUB |  |  |  | 67,595 | 70,642 | 68,360 | 206,597 | 153,296 | 154,898 | 145,419 | 264,850 | 259,026 | 144,153 | 1,121,642 | 1,328,239 |
| 81240: ACE NJ DIST OH EMRG CAP CMAIN P10/P20 Replace | 778,632 | 698,068 | 921,615 | 768,292 | 845,660 | 852,652 | 4,864,919 | 642,289 | 851,749 | 675,034 | 775,959 | 626,033 | 542,905 | 4,113,969 | 8,978,888 |
| 81242: ACE NJ DIST UG EMRG CAP CMAIN P10/P20 Replace | 34,682 | 33,721 | 34,043 | 38,021 | 39,872 | 38,243 | 218,582 | 40,197 | 40,648 | 37,978 | 38,456 | 37,559 | 37,624 | 232,462 | 451,044 |
| 82007: ACE NJ Oil Containment Program - Distribution | 8,876 | 1,543 | 22,214 | 44,055 | 2,836 | 80,004 | 159,528 | 31,149 |  |  |  |  |  | 31,149 | 190,677 |
| 82402: Glassboro Connected Community (ACE) - Cap | 4,858 | 4,860 | 12,147 | 12,143 | 12,158 | 36,479 | 82,645 | 58,432 | 73,113 | 72,937 | 72,906 | 72,896 | 53,443 | 403,727 | 486,372 |
| 82819: ACE NJ Substation Lighting Upgrades - Distribution | 7,896 | 7,653 | 9,485 | 9,152 | 19,237 | 82,557 | 135,980 | 88,703 | 142,609 |  |  |  |  | 231,312 | 367,292 |
| 82989: ACE NJ Churchtown Sub. Feeder N/2062 (Sakima) - reconductor | 7,191 | 34,572 | 177,766 | 177,561 | 90,547 |  | 487,637 |  |  |  |  |  |  | 0 | 487,637 |
| 84257: ACE:NJ:New69 kV line from Paulsboro to the costumer |  |  |  |  | 7,197 | 6,682 | 13,879 | 7,300 | 41,778 | 48,253 | 50,488 | 52,107 | $(163,017)$ | 36,909 | 50,788 |
| Grand Total | 12,415,090 | 12,000,391 | 18,595,533 | 21,959,816 | 19,283,585 | 18,203,175 | 102,457,591 | 18,072,828 | 16,998,932 | 16,648,283 | 17,312,524 | 17,468,803 | 14,415,735 | 100,917,105 | 203,374,696 |
| Less 75\% of Customer Driven \& Emergency Budget | $(1,907,274)$ | $(1,701,401)$ | $(1,879,063)$ | $(1,655,131)$ | $(1,785,635)$ | $(1,778,660)$ | $(10,707,163)$ | $(1,932,094)$ | $(1,953,057)$ | $(1,755,474)$ | $(1,898,669)$ | $(1,782,530)$ | $(2,084,302)$ | $(11,406,125)$ | (22,113,288) |
| Total 2023 Baseline Budget | 10,507,816 | 10,298,991 | 16,716,471 | 20,304,685 | 17,497,949 | 16,424,516 | 91,750,428 | 16,140,734 | 15,045,875 | 14,892,809 | 15,413,856 | 15,686,272 | 12,331,433 | 89,510,980 | 181,261,408 |

## Exhibit E

## Minimum Filing Requirement No. 5

IIP Minimum Filing Requirement \#5
Distribution System and District Level CAIDI and SAIFI and SAIDI

| 2022 | NJAC Exclusive (State Exclusions) |  |  |
| :---: | :---: | :---: | :---: |
|  | SAIFI | CAIDI | SAIDI |
| Cape May | 0.35 | 97 | 34 |
| Glassboro | 0.88 | 76 | 67 |
| Pleasantville | 0.63 | 77 | 49 |
| Winslow | 0.58 | 69 | 40 |
| ACE | 0.64 | 78 | 50 |
| 2022 | NJAC Inclusive (All In) |  |  |
|  | SAIFI | CAIDI | SAIDI |
| Glassboro | 0.37 | 100 | 37 |
| Pleasantville | 0.89 | 77 | 68 |
| Winslow | 0.63 | 78 | 49 |
| ACE | 0.59 | 69 | 41 |
| 2022 | 0.65 | 78 | 51 |
| Cape May | NJAC - MED Days Only |  |  |
| Glassboro | 0.02 | CAIDI | SAIDI |
| Pleasantville | 0.01 | 146 | 3 |
| Winslow | 0.00 | 139 | 1 |
| ACE | 0.01 | 139 | 0 |
| 0.01 | 73 | 1 |  |

## Exhibit F

Minimum Filing Requirement No. 9

## ATLANTIC CITY ELECTRIC COMPANY INFRASTRUCTURE INVESTMENT PROGRAM

MINIMUM FILING REQUIREMENT NO. 9
A list of any and all funds or credits received from the United States government, the State of New Jersey, a county or a municipality, for work related to any of the IIP projects, such as relocation, reimbursement, or stimulus money, and an explanation of the financial treatment associated with the receipt of the government funds or credits.

## Exhibit G

Minimum Filing Requirement No. 10

## ATLANTIC CITY ELECTRIC COMPANY <br> ("ACE" OR THE "COMPANY") INFRASTRUCTURE INVESTMENT PROGRAM MINIMUM FILING REQUIREMENT NO. 10

Pursuant to N.J.A.C. 14:3-2A.6(h), the results of an earnings test calculation where Return on Equity ("ROE") shall be determined based on the actual net income of the Company for the most recent 12 -month period ended on a calendar quarter divided by the average of the beginning and ending common equity balances for the corresponding period.

Based on the prescribed calculation, the updated ACE legal entity ROE is $8.89 \%$ based on the GAAP financial statements, as of December 31, 2022, in the Company's 2022 SEC 10-K filing. See table below for calculation. The Company will update the calculation as of March 31, 2023, once the Q1 2023 10-Q is filed with the United States Securities and Exchange Commission in May 2023.

| In Millions (\$) | December 31, 2021 | December 31, 2022 | ROE |
| :--- | ---: | ---: | ---: |
| Net Income | - | 148 | 148 |
| Common Equity | 1,575 | 1,753 | 1,664 |
| Total |  |  | $8.89 \%$ |

## Exhibit H

Earnings and Rate of Return Analysis 12 Months Ended December 31, 2022

## Atlantic City Electric <br> Earnings and Rate of Return Analysis <br> 12 Months Ended Dec 31, 2022

I. Authorized by BPU (most recent Base Rate Case, Docket No. ER20120746)

## Pre-Tax

## Amount

Rate Base (2020 Base Rate Case)
Add: PowerAhead 4, Net In-Service Investments
Add: PowerAhead 5, Net In-Service Investments
Add: PowerAhead 6, Net In-Service Investments
Add: Infrastructure Investment Program, Net In-Service Investments

Authorized Rate of Return (2020 Base Rate Case)
6.99\% B

Allowed Utilility Operating Income
$\$ 126,451,885$
C ( $=\mathrm{AxB}$ )
II. Actual Results, 12 months ended December 31, 2022

Utility Operating Income 87,489,913
III. Adjustments to Utility Operating Income*

PowerAhead 5 Depreciation Annualization
PowerAhead 6 Depreciation Annualization
IIP 3 Depreciation Annualization
Total Adjustments to Utility Operating Income
IV. Adjusted Utility Operating Income, 12 months ended June, 2022
V. Over/(Under) Earnings
VI. Actual Rate of Return
$\$$

VII Over/Under Rate of Return
$\qquad$
\$ 87,489,913 D
$\$ \quad(38,961,973) \quad E(=D-C)$
4.84\% $\quad$ F $(=D \div A)$
-2.15\% G (=F-B)

## Exhibit I

## Draft Public Notice

## NOTICE OF FILING OF RATE INCREASE AND PUBLIC HEARINGS TO CUSTOMERS OF ATLANTIC CITY ELECTRIC COMPANY

In the Matter of the Petition of Atlantic City Electric Company for Approval of Electric Base Rate Adjustments Pursuant to Its Infrastructure Investment Program (05/2023) BPU Docket No. ER23050272

PLEASE TAKE NOTICE that, on May 1, 2023, Atlantic City Electric Company ("ACE" or "Company"), a New Jersey public utility, filed a petition with the New Jersey Board of Public Utilities ("Board" or "BPU"), seeking the Board's approval of proposed changes to rates to provide for cost recovery of certain costs associated with the Company's Infrastructure Investment Program ("IIP") ("Petition"). ACE's IIP was established pursuant to the Board's Infrastructure Investment Program regulations, N.J.A.C. 14:3-2A. 1 et seq. and is focused on accelerated investments to bolster electric distribution system reliability, storm resiliency, and safety. The Company's IIP was authorized by a Board Order issued on April 18, 2019, effective April 28, 2019, in BPU Docket No. EO18020196. The Order approved an IIP consisting of $\$ 96.46$ million, plus associated Allowance for Funds Used During Construction, in investments to be recovered pursuant to a cost recovery mechanism known as Rider IIP. The investments are to be made over the four-year period beginning July 1, 2019 through June 30, 2023. This is the fourth and final roll-in filing associated with the IIP and covers the period from January 1, 2022 through December 31, 2023.

ACE's Rider IIP provides for recovery of the annual revenue requirement associated with IIP projects that have been completed and placed into service during specific review periods. The Company requested that the Rider IIP rates set out below become effective for service rendered on and after October 1, 2023. If the Board approves this request, the monthly bill for a typical residential customer (using approximately $680 \mathrm{kWh} / \mathrm{month}$ ) will increase by $\$ 0.30$ or approximately $0.21 \%$. The exact amount that your bill will increase depends upon the amount of electricity you use. Several Charts are included with this notice to help residential customers assess the impact of the proposed new rates on their monthly bills.

The Company filed the following changes to its existing rates with the BPU. Any final rate adjustments found by the Board to be just and reasonable may be modified and/or allocated by the Board in accordance with the provisions of N.J.S.A. 48:3-4, and for other good and legally sufficient reasons, to any class or classes of customers of the Company. Therefore, the described changes may increase or decrease based upon the Board's decision. The following tables demonstrate the Company's proposed rates based upon actual data through April 1, 2023:

| Rate Class | IIP Rate w/SUT | Billing Units |
| :--- | :---: | :--- |
| Residential | $\$ 0.001724$ | Per kWh |
| MGS Secondary | $\$ 0.05$ | Per kW |
|  | $\$ 0.001486$ | Per kWh |
|  | $\$ 0.04$ |  |
| MGS Primary | $\$ .000997$ | Per kW |
|  | $\$ 0.32$ | Per kW |
|  | $\$ 0.23$ | Per kW |
| AGS Secondary |  |  |
| AGS Primary | $\$ 0.09$ | Per kW |
|  | $\$ 0.05$ | Per kW |
| TGS Sub Transmission | $\$ 0.35$ |  |
| TGS Transmission |  | Per Lamp |
|  | $\$ 0.003732$ | Per day per connection |
| SPL/CSL | $\$ 0.017975$ | Per day for each kW of effective load |
| DDC |  |  |
| Service \& Demand |  |  |
| Energy |  |  |

Residential customers can compare their monthly usage with the chart below to see how these rate changes, as proposed, will affect their bills:

| Charges Under Previous Rates |  |  |
| :---: | :---: | :---: |
| Monthly kWh Use | Winter | Summer |
| 100 | $\$ 26.51$ | $\$ 26.65$ |
| 300 | $\$ 67.03$ | $\$ 67.43$ |
| 500 | $\$ 107.54$ | $\$ 108.22$ |
| 750 | $\$ 158.19$ | $\$ 159.20$ |
| 1000 | $\$ 208.84$ | $\$ 215.86$ |
| 1500 | $\$ 310.13$ | $\$ 329.16$ |
| 2000 | $\$ 411.43$ | $\$ 442.48$ |
| 3000 | $\$ 614.02$ | $\$ 669.11$ |
| Charges Under Proposed Rates |  |  |
| Monthly kWh Use |  | Winter |
| 100 | $\$ 26.56$ | Summer |
| 300 | $\$ 67.16$ | $\$ 67.57$ |
| 500 | $\$ 107.76$ | $\$ 108.44$ |
| 750 | $\$ 158.52$ | $\$ 159.53$ |
| 1000 | $\$ 209.28$ | $\$ 216.30$ |
| 1500 | $\$ 310.80$ | $\$ 329.83$ |
| 2000 | $\$ 412.32$ | $\$ 443.37$ |
| 3000 | $\$ 615.34$ | $\$ 670.44$ |

The above assumes that customers receive their electric supply from the Company.

A copy of this Notice of Filing and Public Hearings on the Petition is being served upon the clerk, executive or administrator of each municipality and county within the Company's service territory. The Petition and this Notice have been posted on ACE's website at www.atlanticcityelectric.com/PublicPostings and have also been sent to the New Jersey Division of Rate Counsel ("Rate Counsel"), who will represent the interests of all ACE customers in this proceeding. The Petition is also available to review online through the Board's website, https://publicaccess.bpu.state.nj.us, where you can search by the above-captioned docket number. The Petition and Board file may also be reviewed at the Board located at 44 South Clinton Avenue, 1st Floor, Trenton, New Jersey, by appointment. To make an appointment, please call (609) 9136298.

PLEASE TAKE FURTHER NOTICE that, due to the COVID-19 pandemic, virtual public hearings are scheduled for the following dates and times so that members of the public may present their views on the Company's Petition:

| Date: , 2023 | Date: , 2023 |
| :--- | :--- |
| Time: 4:30 P.M. | Time: 5:30 P.M. |
| VIRTUAL WEBINAR | VIRTUAL WEBINAR |
| To join the meeting directly, enter | To join meeting directly, enter |
| https://tinyurl.com/ | https://tinyurl.com/ |
| To join through a prompt for VTC | To join through a prompt for VTC |
| conference ID, | conference ID, |
| enter exelon@m.webex.com and then the |  |
| VTC conference ID XXXXXX followed | VTC conference ID XXXXXX followed <br> by \# |
| by \# |  |
| Dial-In Number: 1-443-529-0267 | Dial-In Number: 1-443-529-0267 |
| Phone Conference ID: XXX XXX XXX\# | Phone Conference ID: XXX XXX <br> XXX\# |

Representatives from the Company, Rate Counsel, and the Board's Staff will participate in the virtual public hearings. Members of the public may participate by utilizing the link or Dial-In number set forth above, to express their views regarding the filing. To encourage full participation in this opportunity for public comment, please submit any requests for needed accommodations, such as interpreters and/or listening assistance, 48 hours prior to the above hearings to the Secretary at board.secretary@bpu.nj.gov.

The Board is also accepting written comments. Comments may be submitted directly to the specific docket listed above using the "Post Comments" button on the Board's Public Document Search tool. Comments are public documents for purposes of the State's Open Public Records Act. Only public documents should be submitted using the "Post Comments" button on the Board's Public Document Search tool. Any confidential information should be submitted in accordance with the procedures set forth in N.J.A.C. 14:1-12.3.

Due to the COVID-19 pandemic, certain rules requiring paper submissions have been temporarily waived. In addition to hard copy submissions, confidential information may also be filed electronically via the Board's e-filing system or by email to the Secretary of the Board. Please include "Confidential Information" in the subject line of any email. Instructions for confidential e-filing are found on the Board's webpage. https://www.nj.gov/bpu/agenda/efiling/.

Emailed and/or written comments may also be submitted to:
Secretary of the Board
44 South Clinton Ave., $1^{\text {st }}$ Floor
PO Box 350
Trenton, New Jersey 08625-0350
Email: board.secretary@bpu.nj.gov
All emailed or mailed comments should include the name of the Petition and the Docket Number.

Dated: $\qquad$ , 2023 ATLANTIC CITY ELECTRIC COMPANY

## ATLANTIC CITY ELECTRIC COMPANY

BEFORE THE NEW JERSEY<br>BOARD OF PUBLIC UTILITIES<br>DIRECT TESTIMONY OF AMBER M. PERRY<br>BPU DOCKET NO. ER23050272

## Q1. Please state your name and position.

A1. My name is Amber M. Perry. I am the Vice President of Regulatory Strategy \& Services for Pepco Holdings LLC ("PHI"), a subsidiary of Exelon Corporation ("Exelon"). I am testifying on behalf of Atlantic City Electric Company ("ACE" or the "Company").

Q2. What are your responsibilities as Vice President, Regulatory Strategy \& Services?
A2. I am responsible for regulatory and energy acquisition matters for PHI and two of its regulated utility subsidiaries: ACE and Delmarva Power \& Light Company. In this capacity, I am responsible for regulatory affairs related to PHI's utility business before the New Jersey Board of Public Utilities (the "Board" or "BPU"), the Delaware Public Service Commission, and the Federal Energy Regulatory Commission. I also participate in PHI's analysis of regulatory policy issues and the development of positions on those issues.

Q3. Could you please describe your educational and professional background and experience?

A3. I joined Exelon in 2008, holding roles in Audit, Financial Planning \& Analysis, and Information Technology ("IT"). I led the first audit advisory process for regulatory rate changes and multi-year plans across two utilities. Just prior to joining PHI in 2022, I served as Exelon's Director of Audit Services, leading anti-fraud efforts and overseeing the Utilities Core Assurance and Advisory team. In 2022, I joined PHI as Director, Customer Strategy and Governance. Also, for the last year, I led the Community Engagement workstream of Exelon's Racial Equity Taskforce, to develop and refine strategies that
would bring about tangible change to customers and communities across Exelon's footprint. I was promoted to Vice President, Regulatory Strategy \& Services in February of this year.

I earned an MBA from Johns Hopkins University and a Bachelor of Science in Finance from Howard University. I am also a certified Project Management Professional (PMP) and Certified Information Systems Auditor (CISA).

## Q4. What is the purpose of your Direct Testimony?

A4. The purpose of my Direct Testimony is to (a) provide an overview of the Company's Infrastructure Investment Program ("ACE IIP"); (b) provide a summary of this final ACE IIP Program cost recovery filing; and (c) summarize the Direct Testimony of the Company's witnesses. In summary, ACE is requesting recovery for the ACE IIP investments placed in service for the 18-month period covering January 1, 2022 to June 30, 2023. This amount equates to $\$ 22,603,303$ in capital investments.

This testimony was prepared by me or under my direct supervision and control. The source documents for my testimony are Company records and public documents. I also rely upon my personal knowledge and experience.

## Q5. What is the current status of ACE's IIP investments?

A5.
The accompanying Direct Testimony of Company Witnesses Brubaker, Savage and Kuberski contains a detailed summary of the status of ACE's IIP investments. The Operations Panel's Direct Testimony addresses the status of the $\$ 96.4$ million in total program investments approved by the BPU in its April 2019 IIP Order discussed below.

The accelerated investments that have been made in this IIP have contributed to the best reliability performance in ACE's history. ACE customers continue to experience
improvements in the reliability and resiliency of their distribution electric service. These improvements are a direct result of the Company's ongoing investments in programs, such as this IIP, to modernize the electric distribution system and are a testament to the ongoing benefits of implementing best practices across the Exelon family of companies. Over the last five years, electric distribution system upgrades and new innovative technologies have driven a $26 \%$ decrease in the frequency of electric outages for ACE customers. In fact, ACE's customers experienced the lowest frequency of electric outages ever in 2021 and again in 2022. ${ }^{1}$

## Q6. Please provide a brief background of the ACE IIP.

A6. On December 19, 2017, pursuant to N.J.A.C. 14:3-2A. 1 et seq. ("IIP Regulations") the Board established a regulatory mechanism to support Infrastructure Investment Programs ("IIP") by providing incentives to utilities to accelerate investment in the construction, installation, and rehabilitation of certain necessary non-revenue producing utility plant and facilities. The IIP Regulations allow a utility to accelerate recovery of qualifying incremental investments, subject to the terms of the regulations, and any other conditions set forth by the Board in approving an individual utility's IIP.

The IIP Regulations, which became effective on January 16, 2018, provide for the approved IIP accelerated costs to be recovered through a separate clause of the utility's Board approved tariff.

[^8]On March 1, 2018, the Company filed a petition with the Board pursuant to the IIP Regulations seeking approval of a four-year $\$ 338.2$ million ACE IIP and related accelerated cost recovery mechanism, to be implemented in the 2019 to 2022 time period. ${ }^{2}$

Following several months of discovery and extensive negotiations, on April 15, 2019, the parties executed a Stipulation of Settlement ("IIP Stipulation" or "Stipulation") which recommended approval of an ACE IIP consisting of $\$ 96.4$ million of accelerated capital investments in the Company's electric distribution system, and a related cost recovery mechanism. The Stipulation also established certain annual minimum baseline capital spending amounts that the Company will seek to recover in future base rate proceedings. On April 18, 2019, the Stipulation was approved by the Board and an Order was issued (the "IIP Order" or "Order").

The Stipulation included a filing schedule, which was subsequently modified by the Board on November 13, 2019 at the Company's request. Specifically, the Board approved a modification to the filing schedule in the IIP Stipulation ("Order Modifying Stipulation"), thereby allowing the Company to file its first roll-in on May 1, 2020 for investments made between July 1, 2019 and June 30, 2020. The remainder of the filing schedule remained unchanged. Additionally, as a condition of approving the request to modify the filing schedule, the Board also required ACE to retain an independent IIP monitor no later than March 1, 2020 to review and provide quarterly or semi-annual reports to the Board and the New Jersey Division of Rate Counsel.

[^9]In compliance with this requirement, and in consultation with the parties, ACE hired Pegasus-Global Holdings, Inc. as the independent Infrastructure Investment Program monitor on March 2, 2020 (the date of March 1, 2020 specified in the BPU Order fell on a Sunday so the contract was executed on the next business day).

Prior to this instant petition, ACE filed three petitions seeking the review and approval of the capital investments related to ACE's IIP. The three petitions have resulted in recovery of approximately $\$ 62.2$ million of investment in this program. The details are as follows:

- BPU Docket No. ER20050336: filed May 1, 2020, for approval of capital investments that were placed in service from July 1, 2019 through June 30, 2020; based on the Update to Actuals filed in July 2020, the Company updated its revenue requirement to recover $\$ 28.09$ million of plant-in service investments; a settlement was reached in the matter and approved by the Board by Order on September 23, 2020; rates went into effect on October 1, 2020.
- BPU Docket No. ER20110694: filed November 2, 2020, for approval of the capital investments related to ACE IIP that were placed in service from July 1, 2020 through December 31, 2020; based on the Update to Actuals filed in January 2021, the Company updated its revenue requirement to recover $\$ 17.99$ million of plant-in service investments; a settlement was reached in the matter and approved by the Board by Order on March 24, 2021; rates went into effect on April 1, 2021.
- BPU Docket No. ER21111206: filed November 1, 2021, for approval of the capital investments related to ACE IIP that were placed in service from January 1, 2021 through December 31, 2021; based on the Update to Actuals filed in January 2022, the

Company updated its revenue requirement to recover $\$ 16.13$ million of plant-in service investments; a settlement was reached in the matter and approved by the Board by Order on March 23, 2022; rates went into effect on April 1, 2022.

## Q7. Please review the provisions of the approved ACE IIP.

A7.
The ACE IIP was approved to include an investment level of $\$ 96.4$ million to run over a four-year period commencing on July 1, 2019 and ending June 30, 2023. The $\$ 96.4$ million in investments were designed to support and enhance the ACE electric distribution system's reliability, resiliency and safety and are incremental to the Company's normal capital spending budget. The IIP projects include significant investments in substations, communications networks, distributed automation, and reclosers. The approved projects that comprise the ACE IIP can be found in Exhibit A to the IIP Stipulation. More detail on the specific ACE IIP projects is included in the Direct Testimony of Company Witnesses Brubaker, Savage and Kuberski (collectively, the "Operations Panel").

Q8. Exhibit A to the IIP Stipulation lists a November 1, 2022 filing to recover investments over the period January 1, 2022 to December 31, 2022. Did ACE make that filing?

A8.
ACE did not make the filing on November 1, 2022 because it did not meet the minimum threshold of $\$ 9.6$ million of in-service investments. At that time, substation projects were the only remaining IIP projects in the portfolio and they were not slated to be in-service by year end, preventing the Company from meeting the minimum filing threshold.

ACE acknowledges that it has encountered several challenges in this IIP and the Company has worked to identify and implement lessons learned to realize continuous process improvements and efficiencies in the execution of its IIPs. For example, given the
lessons learned around timing and scheduling of projects, ACE has incorporated the Scope Tech Challenge reviews in its Powering the Future proceeding to better refine the understanding of the timing and schedule of larger projects.

## Q9. Please review which investments ACE is requesting recovery for in this filing.

The Company is requesting recovery for the ACE IIP investments placed in service for the 18 -month period covering January 1, 2022 to June 30, 2023. This amount equates to $\$ 22,603,303$ in capital investments. This filing includes 15 months of actual investments placed in service from January 1, 2022 to March 30, 2023, and three months of forecasted investments to be placed in service from April 1, 2023 to June 30, 2023. The forecasted investments included in the filing will be updated by July 21, 2023 to reflect actual eligible investments placed in service by June 30, 2023. Since this program was approved as a four year-program and the program ends on June 30, 2023, this will be ACE's last roll-in recovery filing associated with the ACE IIP.

## Q10. Has the Company made any changes to the projects and/or the project budgets since the last roll-in filing?

A10. Yes, there are several changes to the program projects and budgets since the last roll-in filing. These changes are described in detail in the Operations Panel Testimony. I will highlight a few significant changes here:

- As of this final roll-in filing, certain projects - which are more fully identified in the Direct Testimony of the Company Operations Panel - were completed under their stipulated budgets and will reduce the total amount recoverable under the IIP by approximately $\$ 2.2$ million.
- The Newport Substation work will not be in-service by June 2023 and therefore is not included for recovery in this roll-in filing. Permitting delays and substantial material lead times are the main drivers for the delay. The Company made this decision based on Engineering and Control Center factors that limited the Company's ability to take the necessary outages to complete the work so close to the summer season. Work will be completed on the Newport Substation in the fourth quarter of 2023. This change reduces the total amount recoverable under IIP by $\$ 9.4$ million.
- The Motts Farm Substation budget has increased to $\$ 8.1$ million. More detail is provided in the Operations Panel Testimony. The amount requested for recovery in this filing is $\$ 4.1$ million, which equates to the stipulated amount.

In total, including this roll-in recovery filing, the final amount of investment that ACE is proposing to recover through this IIP is $\$ 84.8$ million, which will be updated in the update to actuals filing in July 2023. The budget changes in the program, including those discussed above, have not reached the annual $10 \%$ threshold requiring ACE to seek Board approval for any amount in excess of the stipulated $10 \%$, as described in Paragraph 5 of the IIP Stipulation.

## Q11. What is the revenue requirement associated with this filing?

A11. As a result of the plant-in-service additions in this filing, ACE is requesting an increase in its revenue requirement of $\$ 2,820,394$. The Direct Testimony of Company Witness Pagano provides information on the revenue requirement calculation included in this filing.

The Company may seek cost recovery for projects placed in service pursuant to the filing schedule contained in Exhibit C to the IIP Stipulation as modified by the Order Modifying Stipulation. The adjustment to rates resulting from the ACE IIP investment contained in this filing will be effective on or before October 1, 2023. Pursuant to the IIP Stipulation, rate adjustments established in the rate recovery filings are provisional and subject to refund until a final prudence review is conducted.

## Q12. Has the Company evaluated the impact of the proposed increase on residential customers?

A12. Yes. The impact of the change to all residential customers is provided in Schedule (TJP)-3. For the typical residential customer using an average of 680 kWh per month, the proposed bill increase is $\$ 0.30$ per month or $0.21 \%$.

Q13. Has the Company complied with the Minimum Filing Requirements as specified in the IIP Stipulation?

A13. Yes, the Company has addressed all Minimum Filing Requirements, and has provided the necessary information as indicated in Exhibit A to the Petition.

## Q14. Are there any Minimum Filing Requirements that you would like to comment upon?

A14. Yes. ACE acknowledges that cost recovery under the ACE IIP is, among other things, contingent upon: 1) a baseline capital spend requirement pursuant to N.J.A.C. 14:32A. 3 at the levels set forth in Exhibit B of the IIP Stipulation; and 2) an earnings test, such that, if the product of the calculation set forth in N.J.A.C. 14:3-2A.6(h) exceeds the Company's most recently approved Return on Equity by 50 basis points or more, cost recovery under the ACE IIP shall not be allowed for the applicable filing period pursuant to N.J.A.C. 14:3-2A.6(i). As discussed in detail in the Direct Testimony of Company

Witness Pagano and the Operations Panel, the Company has complied with each of these requirements.

## Q15. Please summarize the Company's Petition.

A15. This filing consists of a Petition for cost recovery of ACE IIP investments placed in service from the January 1, 2022 through and including June 30, 2023. It includes my Direct Testimony and the Direct Testimony of four other witnesses, plus attachments. Those witnesses and the topics they address are as follows:

- Operations Panel Witnesses:
- Gregory W. Brubaker, Sr. Manager, Strategic Planning, provides testimony on ACE IIP, specifically with respect to distribution automation and substation work;
- Matthew S. Savage, Director, Project Management, provides testimony on ACE IIP, including program implementation and in-service investments to date; and
- Michael V. Kuberski, Director, IT, provides testimony on ACE IIP, specifically with respect to telecommunication network projects.
- Timothy J. Pagano, Sr. Rate Analyst, Revenue Requirements, provides testimony concerning the requested revenue requirement, the rate design and IIP Rider proposed, bill impacts, and the baseline spend and earnings test requirements.


## Q16. Does this conclude your testimony?

A16. Yes, it does.

# ATLANTIC CITY ELECTRIC COMPANY 

BEFORE THE NEW JERSEY
BOARD OF PUBLIC UTILITIES
DIRECT TESTIMONY OF GREGORY W. BRUBAKER, MATTHEW S. SAVAGE, AND MICHAEL V. KUBERSKI

BPU DOCKET NO. ER23050272

## Q1. Please state your names and positions.

A1. My name is Gregory W. Brubaker. I am the Senior Manager of Strategic Planning for Atlantic City Electric Company ("ACE" or the "Company").

My name is Matthew S. Savage. I am the Director of Project Management for Pepco Holdings LLC ("PHI").

My name is Michael V. Kuberski. I am the Director of Information Technology, Utility Communications for the Company.

Q2. On whose behalf are you submitting Direct Testimony in this case?
A2. We are submitting Direct Testimony on behalf of ACE, the Petitioner in this matter.
Q3. Mr. Brubaker, what are your responsibilities as Senior Manager of Strategic Planning?

A3. I am responsible for leading, directing, and organizing the need in ACE for technical and regulatory coordination as well as operations integration of emerging smart grid technology, programs, and reliability-based initiatives. I am also a Deputy Incident Commander during emergency and storm-related situations, where I lead all activities related to the restoration efforts for damage to the Company's electric facilities.

## Q4. Mr. Brubaker, please describe your educational and professional background and experience?

A4. I hold a Bachelor's degree in Electrical Engineering Technology from Southern Illinois University at Carbondale, a Master of Business Administration from the University of Phoenix, and I am a registered Professional Engineer in New Jersey. I have worked in the electric utility industry for over 34 years and have held various positions in transmission and distribution engineering, including more than 25 years of engineering leadership. Prior to my current role, I was the Manager of Engineering \& Design, where I was responsible for the design and reliable operation of the electrical distribution system in Southern New Jersey. I oversaw all distribution design activities, including oversight of the New Business and Facility Relocation processes, as well as the day-to-day reliability performance of the distribution system.

Q5. Mr. Savage, what are your responsibilities as the Director for Project Management?
A5. I am responsible for the project management of all projects and programs associated with the electric distribution system, electric substations, and electric transmission to support growth, operations, and maintenance of PHI 's electric system. I am also responsible for major customer projects and major facilities improvement projects.

Q6. Mr. Savage, please describe your educational and professional background and experience?

A6. I hold a Bachelor of Science degree in Civil Engineering and a Master's degree in Business Administration from the University of Delaware. I am also a registered Professional Engineer in Delaware. I have over 15 years of project management and engineering experience with an emphasis on Transmission Line Engineering and Project Management of large utility projects (transmission line, distribution line, and substation).

Prior to my current position, I served as the Senior Manager for Contract \& Construction Management across PHI and Senior Manager for Project Controls across PHI.

Q7. Mr. Kuberski, what are your responsibilities as Director of Information Technology, Utility Communications?

A7.
I am responsible for the engineering and operation of ACE's communications networks that support real time systems and the smart grid.

Q8. Mr. Kuberski, please describe your educational and professional background and experience?

A8.
I earned a Bachelor's degree in Electrical Engineering from George Washington University in Washington, D.C. I have more than 30 years of experience planning additions and engineering changes to ACE's electric system, telecommunications infrastructure, voice communications systems, and corporate applications. In a prior position, I was the Chief Information Security Officer for PHI. In this role, my primary responsibility was to develop and maintain a corporate-wide risk management program that identified, evaluated, and reported on information technology security risks in a manner that met regulatory requirements and presented acceptable levels of risk for the enterprise.

Q9. What is the purpose of your testimony?
A9. This testimony provides information regarding ACE's operational activities and objectives of its $\$ 96.4$ million Infrastructure Investment Program ("IIP"). In this testimony, we will discuss the following:

- Summary of ACE's IIP Program,
- Overview of Projects in Service Completed Throughout this Filing, and
- Plant in Service IIP Investments in this Final Recovery Period.

With this testimony, we will show that ACE's operational activities have fulfilled the objectives of the IIP through this fourth and final roll-in filing.

## I. Summary of ACE's IIP Program

## Q10. Please describe the Company's IIP.

A10. Following the promulgation of the IIP regulations in New Jersey, on March 1, 2018, ACE filed a proposed IIP of $\$ 338$ million consisting of 82 capital investment projects "related to safety, reliability, and/or resiliency." ${ }^{1}$ On April 15, 2019, ACE entered into a Stipulation of Settlement ("Stipulation") with the New Jersey Board of Public Utilities Staff ("BPU Staff") and the New Jersey Division of Rate Counsel ("Rate Counsel") to initiate a program of $\$ 96.4$ million consisting of 24 capital investment projects to be placed in service between July 1, 2019 and June 30, 2023. The New Jersey Board of Public Utilities ("BPU" or "the Board") approved the Stipulation on April 18, 2019. The parties agreed that ACE could recover for IIP project investments, as long as projects totaling at least $\$ 9.6$ million were placed into service pursuant to the threshold stated in the regulation. ${ }^{2}$

ACE filed its first IIP recovery filing in May 2020 for capital investments that were placed in service from July 1, 2019 through June 30, 2020. In July 2020, the Company filed an Update to Actuals in the amount of $\$ 28.09$ million. ACE filed its second IIP recovery filing in November 2020 for capital investments that were placed in service from July 1, 2020 through December 31, 2020. In January 2021, the Company filed an Update to Actuals in the amount of $\$ 17.99$ million. On November 1, 2021, ACE filed its third IIP recovery filing for capital investments that were placed in service from January 1, 2021

[^10]| Projects | IIP Program Budget | IIP Program (Adjustments) * | Actual (July 2019- <br> December 2021) | Actual/Forecast (Jan 2022-Mar 2023) | Total Spend over life of IIP |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 70497: Substation Fiber Optic Entrances (t) | \$1,925,877 | \$2,350,966 | \$2,419,705 | \$695,308 | \$3,115,013 |
| 73144: Pitman to Lamb Fiber Build (t) | \$340,089 | \$0 | \$0 |  | \$0 |
| 70323: Communications Work: Data Network (t) | \$700,000 | \$0 | \$0 |  | \$0 |
| 70365: Telemetrics Radio Replacement (t) | \$109,224 | \$0 | \$0 |  | \$0 |
| 70417: DA -Add Reclose Control Capability | \$523,821 | \$0 | \$0 |  | \$0 |
| 71207: Network Communication Mesh - DA Equipment (t) | \$3,125,000 | \$3,125,000 | \$5,884,796 |  | \$5,884,796 |
| 71431: Distribution Automation Line Projects and Equipment | \$7,319,731 | \$7,319,731 | \$7,913,732 | \$356,980 | \$8,270,712 |
| 72029: Install DA Capacitor \& Regulaor Controllers (t) | \$2,172,501 | \$2,172,501 | \$975,687 | \$1,150,722 | \$2,126,409 |
| 72030: Install Reclosers Controllers/Radios (t) | \$11,345,347 | \$11,454,571 | \$12,007,046 | \$1,421,652 | \$13,428,698 |
| 72379: Mickleton Sub: Upgrade 12 kV Xfmrs and Feeder Bays | \$4,401,768 | \$4,401,768 | \$4,252,931 |  | \$4,252,931 |
| 72498: Monroe/Tansboro Substation Fiber Entrances (t) | \$85,000 | \$0 | \$0 |  | \$0 |
| 72514: Motts Farm Sub: Distribution Line Modifications | \$2,187,092 | \$2,187,092 | \$74,139 | \$2,023,323 | \$2,097,462 |
| 72516: Motts Farm Sub: Upgrade 15 kV Switchgear | \$4,095,978 | \$4,095,978 | \$1,047,904 | \$7,122,672 | \$8,170,576 |
| 72517: ACE NJ Motts Farm to West Creek OPS fiber build (t) | \$414,864 | \$414,864 | \$336,263 |  | \$336,263 |
| 72802: ACE NJ Newport Sub: New 69/12 kV Sub** | \$9,436,231 | \$9,436,231 | \$2,054,944 | \$4,965,656 | \$7,020,600 |
| 73016: Paulsboro Sub: 4 kV to 12 kV Feeder Re-insulation/Conver | \$4,349,470 | \$4,349,470 | \$2,365,236 | \$32,211 | \$2,397,447 |
| 73294: Install Automated Circuit Reclosers (ACR) | \$25,390,168 | \$25,390,168 | \$26,944,355 | \$1,977,378 | \$28,921,733 |
| 73429: Network Mesh - Equipment Maintenance - Winslow (t) | \$20,000 | \$0 | \$0 |  | \$0 |
| 73430: Network Mesh - Equipment Maintenance - Cape May (t) | \$20,000 | \$40,000 | \$941,930 |  | \$941,930 |
| 73501: Smart Grid -Data Network Technology (t) | \$3,652,272 | \$4,352,272 | \$3,487,524 | \$920,983 | \$4,408,507 |
| 73723: Stratford Sub: Dist. Line Modifications for SWGR | \$1,450,000 | \$1,450,000 | \$87,327 | \$1,270,085 | \$1,357,412 |
| 73725: Stratford Sub: Replace T3 and both SWGR | \$6,444,144 | \$6,444,144 | \$2,014,628 | \$4,406,065 | \$6,420,693 |
| 73935: Distribution Automation Substation Projects \& Equipment | \$5,507,465 | \$6,031,286 | \$6,158,139 | \$5,561,525 | \$11,719,664 |
| 73976: DA Equipment Maintenance - Unplanned Replace <br> -Batteries, Controls \& Radios ( t ) | \$1,445,180 | \$1,445,180 | \$1,386,359 | \$724,274 | \$2,110,633 |
| Total | \$96,461,222 | \$96,461,222 | \$80,352,645 | \$32,628,834 | \$112,981,479 |

(t) Project expenditures include full project cost before transmission allocation.
${ }^{(*)}$ Adjustments Column reflects the Investment Tracking Number (ITN)s that have been merged with other Budgeted ITNs.
${ }^{(* *)}$ The Newport Substation project will not be included in IIP Recovery
through December 31, 2021. In January 2022, the Company filed an Update to Actuals in the amount of $\$ 16.13$ million.

Table 1 illustrates ACE's overall approved IIP capital budget and spend by IIP project:

Table 1- IIP Spend

Q11. Can ACE provide a final update regarding the overall IIP project budget and each project's plant in service amounts?

A11. Yes. Table 2 lists the projects for which ACE anticipates work will be in service by June 30, 2023. ACE expects to place $\$ 84.8$ million in service through the end of the IIP:

Table 2 - IIP In Service

| Projects | IIP Program Budget | IIP Program <br> (Adjustments) * | Recovery Included in Prior Filings | Recovery Request This Filing | Total IIP |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 70497: Substation Fiber Optic Entrances | \$1,925,877 | \$2,350,966 | \$1,846,909 | \$404,057 | \$2,250,966 |
| 73144: Pitman to Lamb Fiber Build | \$340,089 | \$0 | \$0 | \$0 | \$0 |
| 70323: Communications Work: Data Network | \$700,000 | \$0 | \$0 | \$0 | \$0 |
| 70365: Telemetrics Radio Replacement | \$109,224 | \$0 | \$0 | \$0 | \$0 |
| 70417: DA -Add Reclose Control Capability | \$523,821 | \$0 | \$0 | \$0 | \$0 |
| 71207: Network Communication Mesh - DA Equipment | \$3,125,000 | \$3,125,000 | \$3,125,000 | \$0 | \$3,125,000 |
| 71431: Distribution Automation Line Projects and Equipment | \$7,319,731 | \$7,319,731 | \$7,205,575 | \$114,156 | \$7,319,731 |
| 72029: Install DA Capacitor \& Regulaor Controllers | \$2,172,501 | \$2,172,501 | \$858,025 | \$1,314,476 | \$2,172,501 |
| 72030: Install Reclosers Controllers/Radios | \$11,345,347 | \$11,454,571 | \$10,102,804 | \$1,351,767 | \$11,454,571 |
| 72379: Mickleton Sub: Upgrade 12 kV Xfmrs and Feeder Bays | \$4,401,768 | \$4,401,768 | \$4,345,650 | \$0 | \$4,345,650 |
| 72498: Monroe/Tansboro Substation Fiber Entrances | \$85,000 | \$0 | \$0 | \$0 | \$0 |
| 72514: Motts Farm Sub: Distribution Line Modifications | \$2,187,092 | \$2,187,092 | \$0 | \$2,187,092 | \$2,187,092 |
| 72516: Motts Farm Sub: Upgrade 15 kV Switchgear | \$4,095,978 | \$4,095,978 | \$0 | \$4,095,978 | \$4,095,978 |
| 72517: ACE NJ Motts Farm to West Creek OPS fiber build | \$414,864 | \$414,864 | \$301,630 | \$0 | \$301,630 |
| 72802: ACE NJ Newport Sub: New 69/12 kV Sub | \$9,436,231 | \$9,436,231 | \$0 | \$0 | \$0 |
| 73016: Paulsboro Sub: 4 kV to 12 kV Feeder Re-insulation/Convers | \$4,349,470 | \$4,349,470 | \$2,246,562 | \$167,792 | \$2,414,354 |
| 73294: Install Automated Circuit Reclosers (ACR) | \$25,390,168 | \$25,390,168 | \$25,390,168 | \$0 | \$25,390,168 |
| 73429: Network Mesh - Equipment Maintenance - Winslow | \$20,000 | \$0 | \$0 | \$0 | \$0 |
| 73430: Network Mesh - Equipment Maintenance - Cape May | \$20,000 | \$40,000.00 | \$40,000 | \$0 | \$40,000 |
| 73501: Smart Grid -Data Network Technology | \$3,652,272 | \$4,352,272 | \$3,152,344 | \$1,199,928 | \$4,352,272 |
| 73723: Stratford Sub: Dist. Line Modifications for SWGR | \$1,450,000 | \$1,450,000 | \$0 | \$1,450,000 | \$1,450,000 |
| 73725: Stratford Sub: Replace T3 and both SWGR | \$6,444,144 | \$6,444,144 | \$0 | \$6,444,144 | \$6,444,144 |
| 73935: Distribution Automation Substation Projects \& Equipment | \$5,507,465 | \$6,031,286 | \$2,367,512 | \$3,663,774 | \$6,031,286 |
| 73976: DA Equipment Maintenance - Unplanned Replace <br> -Batteries, Controls \& Radios | \$1,445,180 | \$1,445,180 | \$1,235,041 | \$210,139 | \$1,445,180 |
| Total | \$96,461,222 | \$96,461,222 | \$62,217,219 | \$22,603,303 | \$84,820,522 |

(*) Adjustments Column reflects the Investment Tracking Number (ITN)s that have been merged with other Budgeted ITNs

## II. Overview of Projects in Service Included in This Cost Recovery Filing

Q12. Please provide information on the implementation of IIP Distribution Automation ("DA") and recloser projects to date and in service forecasts?

A12. The DA and recloser projects will help modernize ACE's distribution system by installing reclosers and related devices and improving communications networks so that system faults can be quickly identified and isolated to minimize customer impact by restoring customers that are not in the immediate area of the fault.

Work completed in this category includes the installation of reclosers in the Install Automated Circuit Reclosers project (investment tracking number ["ITN"] 73294). As of the end of January 2023, ACE installed a total of 447 Viper reclosers (393 new reclosers
and 54 upgrade of recloser technology) since July 2019. The Pleasantville reclosers design was completed in 2022 and final installation was done in January 2023. This ITN was used for the saturation of reclosers, which are fundamental building blocks for DA, to isolate faults to approximately 500 customers.

DA Line Projects and Equipment (ITN 71431) supports line construction and reconductoring to DA circuits to create tie capabilities both within feeders and to adjacent feeders. It also includes capacitor and voltage regulator upgrades and additions, which are often necessary to maintain voltage stability when circuits are automatically reconfigured by the DA scheme. For the last project remaining in this ITN, permitting progress continues to be made on the High Street DA overhead crossing of the New Jersey Turnpike during the first quarter of 2023. The project design was completed on September 14, 2022 and submitted to the New Jersey Turnpike Authority for approval. The New Jersey Turnpike/Rt. 322 Crossing project is anticipated to be completed in the second quarter of 2023.

The Install DA Capacitor and Regulator Controllers project (ITN 72029) covers the installation of capacitors and regulators to help adjust the power factor and voltage on the distribution circuit and allow electricity to be distributed more efficiently. It is performed as part of the DA scheme enablement plan. In March 2023, an additional 148 capacitor controller upgrades were installed throughout the ACE Districts for a cumulative total of 183 installations since July 2019. The remaining Winslow DA regulator installments were completed in January 2022. The DA Capacitor controller upgrade program will continue with installation of the remaining 87 upgrades through June 2023.

The DA Substation Projects and Equipment project (ITN 73935) and the DA - Add Reclose Control Capability project (ITN 70417) are upgrading electromechanical
substation circuit relays to "smart" microprocessor relays that provide system operators with enhanced visibility and control capability and are a prerequisite to adding full DA functionality to a specific circuit. DA schemes reduce both the frequency and duration of sustained outages by automatically isolating faulted circuit sections and restoring power to un-faulted sections. In the first quarter of 2022, the second project in West Creek and the first Cape May project were completed. In the second quarter of 2022, the second project in Cape May was also completed. The design for two Bridgeton projects was completed in the second quarter of 2022, and the third project in Cape May and the Glassboro project designs were completed in the fourth quarter of 2022. Work on three of these projects (two in Bridgeton and one in Cape May) was completed in the fourth quarter of 2022, and ACE completed the field testing of the Glassboro project in March 2023.

The DA Equipment Maintenance project (ITN 73976) is required to capture costs associated with the unplanned capital replacement of equipment and batteries related to Automated Line Equipment due to field failure or accidents. This ITN allowed for unplanned maintenance to be completed on critical controls, batteries, and radios across the ACE system.

For further information regarding ACE's IIP DA/Recloser projects, see Schedule (GWB, MSS, MVK)-1.

## Q13. Can you provide information on the final roll in of IIP Telecom projects program to

 date and in service forecasts?A. 13 Yes. The IIP Telecom projects enhance communications networks on the capital infrastructure with the most up-to-date technologies to ensure that the network is effective. The Install Reclosers Controllers/Radios project (ITN 72030) and the Telemetrics Radio Replacement project (ITN 70365) were executed as part of ITN 72030 (as previously
reported in the 2019 IIP Semi-Annual Report). As of the end of March 2023, ACE enabled 472 new and upgraded technology recloser controllers and radios and added communications to 198 existing reclosers. The Pleasantville recloser project commenced in 2022 for the final scope of the ACE Recloser Saturation plan and was completed in January 2023. ACE prepared all the planned DA schemes in the Winslow District and enabled all the feeders with the exception of one feeder delayed to 2023. The final Winslow scheme feeder was enabled in March 2023. These two ITNs are for the saturation of recloser controller/radios, which are fundamental building blocks for DA to communicate critical operating data to isolate faults to approximately 500 customers.

Other projects in the telecom category include Substation Fiber Optic Entrances (ITN 70497), Pitman-Lamb Fiber Optic Build (ITN 73144), and Monroe-Tansboro Substation Fiber Entrances (ITN 72498). These three ITNs were executed as part of ITN 70497 (as previously reported in the 2019 IIP Semi-Annual Report). All work under this ITN was completed as of July 2022.

ACE completed Lindenwold to Silverlake at end of second quarter 2022. This ITN is for fiber optic entrances that are needed to enhance the communications networks, which will help ensure that the network is effective with the most up-to-date technologies. The Smart Grid - Data Network Technology project (ITN 73501) and the Communications Work: Data Network (ITN 70323), completed all work associated with these ITN's by the end of 2022. For this recovery period, an additional 20 router installations have been completed throughout all ACE Districts for a cumulative completion total of 71 router installations since July 2019. This ITN focuses on enhancing the communications networks and will help ensure that the DA network is effective with the most up-to-date technologies.

## Q14. Can you provide information on the final roll in of IIP Substation projects program to date and in service forecasts?

A14. Yes. The IIP Substation projects include upgrades to substation equipment, such as switchgear and transformers, as well as upgrades and modifications to distribution lines at the substation.

The Paulsboro Substation: 4 kV to 12 kV Feeder Re-insulation/Conversion project (ITN 73016) was completed in December 2021 and closed in 2022. This project reinsulated and converted two existing feeders at the Paulsboro Substation from 4 kV to 12 kV as part of the Gibbstown Substation retirement and elimination of the 4 kV system.

The Newport Substation: New 69/12 kV Equipment project (ITN 72802) supports reliability at this substation. Due to delays encountered during the execution of this project, the Newport 12kv Substation work will not be in service by June 2023 and will not be included for recovery in this final IIP roll-in filing. Delays in securing necessary permits postponed the mobilization of the Contractor of Choice ("CoC") from July until November 2022. Additional delays due to material availability have been encountered throughout the execution of the project. The Company has experienced longer than normal lead times for critical material, including the delivery of the control enclosure and transformer for this project. Work continues on the 69 kV part of the project while the 12 kV work scope cannot start until that part of the project is finished. ACE made the decision to delay the completion of the 12 kv portion of the project after reviewing the timing of necessary outages and operational risks associated with continuing the work into June of 2023. Although the Company is not seeking recovery for remaining work on the Newport Substation project in the IIP, the project will continue, and is anticipated to be put into
service by the end of 2023. Recovery for the Newport Substation project will be in a base rate case.

The Stratford Substation: Distribution Line Modifications project (ITN 73723) and the Stratford Substation: Replace T3 and Switchgear project (ITN 73725) will enhance reliability at this substation, which is a mid-1970s/mid-1980s vintage that has seen an increase in unscheduled service outages in the past several years. The Stratford Substation project secured its permits and awarded the CoC in the third quarter of 2022. The contractor mobilized in the fourth quarter of 2022, after de-energization of the entire substation. The evaluation and selection of the Substation Testing and Commissioning contractor was completed in the fourth quarter of 2022, with mobilization in January 2023. The control enclosure was delivered in December 2022. The balance of project material is being continually monitored and the project is on track to be completed and energized in the second quarter of 2023 .

The Motts Farm Substation: Distribution Line Modifications project (ITN 72514) and the Motts Farm Substation: Upgrade 15 kV Switchgear project (ITN 72516) will enhance reliability at this substation, which is a late-1970s vintage that requires replacement and upgrade of the structure and equipment. The Motts Farm Substation and Distribution Getaway projects secured final permit releases and awarded the CoC in the fourth quarter of 2022. Contractors mobilized at the end of 2022 to commence the building of the switchgear enclosure. The evaluation and selection of the Substation Testing and Commissioning contractor was completed in the fourth quarter of 2022, with mobilization planned in first quarter of 2023. Additional feeder designs were completed in the fourth quarter of 2022. The COC was selected and permitting was secured in first quarter of 2023. This project has experienced a significant increase in costs for materials and labor above
the estimated cost of constructing the substation. Additionally, the project has been revised from its original scope to add two new positions in the switchgear, install new structures for the station service, circuit breakers and cable risers, and relocate and elevate the switchgear to meet new flood elevation requirements. These scope revisions have been documented as part of a Record of Decision. The Substation and Distribution feeder construction will be completed and energized in the second quarter of 2023. Additional Feeder reconfiguration beyond the substation fence is planned to be completed in the second quarter of 2023.

Q15. How have ACE's investments in the IIP program affected the Company's overall reliability performance?

A15. As stated in the Direct Testimony of Company Witness Perry, ACE's investments in the IIP program have contributed to the best reliability performance in the Company's history. ACE's investments have resulted in a decrease in frequency of electric outages for its customers over the past five years, while the system improvements resulting from IIP continue to support the Company's ongoing efforts to build a stronger, smarter, and cleaner distribution system that delivers safe and reliable service for its customers in southern New Jersey.

Q16. Please discuss the reliability indices presented in Minimum Filing Requirement ("MFR") No. 5?

A16. MFR No. 5, which is included in Exhibit E, shows the system average interruption frequency index ("SAIFI") and the customer average interruption duration index ("CAIDI") by district and ACE as a whole. The charts delineate SAIFI and CAIDI totals inclusive of major events, exclusive of major events, and for major events only. ACE is meeting the minimum threshold requirements systemwide for all areas.

## III. Plant in Service IIP Investments in This Final Cost Recovery Period

Q17. Has ACE met the program recovery threshold of $\$ 9.6$ million for projects in service at the timing of this final roll in period?

A17. Yes, ACE has met the recovery threshold of $\$ 9.6$ million of projects placed in service between January 1, 2022 and June 30, 2023. As discussed in the Direct Testimony of Company Witness Perry, the amount of investment that ACE is requesting recovery for in this final IIP roll-in is approximately $\$ 22.6$ million. With this filing, ACE will have placed a total of $\$ 84.8$ million of infrastructure in service as part of the IIP. However, ACE will not recover the total $\$ 96.4$ million through this IIP due to the project and budget changes described in detail in this testimony, including Newport Substation not being placed in service by June 2023.

Q18. Please explain how the forecasted in-service totals in the second table of MFR No. 4 Budget vs Plant In-Service on Schedule (GWB, MSS, MVK)-1 were determined?

A18. The forecasted in-service totals for the period April through June 2023 reflect the Company's current work plan for that period. Several factors can impact ACE's ability to complete the work as planned, including the availability of work crews, requirement materials, unplanned outages due to severe weather conditions, and completion of necessary permitting. The ongoing impact of supply chain issues can also impact work plans.

Q19. Please discuss ACE's decision to hire Pegasus-Global Holdings, Inc. ("Pegasus") as the IIP monitor.

In connection with the Board's modification of the ACE IIP filing schedule, the Company agreed to engage an independent IIP monitor. ACE conducted an RFP process for an IIP monitor in early 2020 and considered qualifications from several vendors. The

Company selected Pegasus for this role due to Pegasus' knowledgeable project team and relevant experience serving as the independent monitor for another New Jersey utility. Work with Pegasus is in its final stages of completion.

## Q20. Did Pegasus have specific work it was contracted to perform as ACE's IIP monitor?

A20. Yes. Pegasus performed three tasks derived from the IIP regulations ${ }^{3}$. Task 1 was to "review and report on the effectiveness of IIP investments in meeting project objectives," which was accomplished by requesting background documentation related to the project objectives and supplementary documentation when needed, interviewing key personnel, and summarizing the role of ACE in how it has achieved the IIP objectives. Task 2 was to "review and report on cost effectiveness and efficiency." It relied on all of the items mentioned in Task 1. In addition, Pegasus attended periodic project review meetings and regularly assessed project execution deliverables. Using this information, Pegasus apprised its summary observations related to ACE's prudency and reasonableness of the implementation of the IIP in the form of semi-annual reports submitted to BPU Staff and Rate Counsel. Task 3 was to "review and report on appropriate cost assignments," whereby Pegasus assessed whether IIP costs and allocations were appropriately assigned by ACE.

In addition to completing all three formal tasks, Pegasus attended all additional meetings where its expertise was warranted. These meetings or conference calls were required both internally and with external parties throughout the IIP proceeding.

[^11]Q21. Please discuss the actual baseline capital spending for the recovery period and the prior calendar year as presented in Exhibit D, which satisfies Minimum Filing Requirement ("MFR") No. 3.

A21. The actual baseline capital spending displayed in MFR No. 3 reflects the Company's spending during the recovery periods of 2021 and 2022, as well as projected spending for the first half of 2023. This spending excludes IIP projects. Each year, the Company had to reach a minimum annual baseline spend pursuant to the Stipulation. In Exhibit D, ACE reported an actual baseline spend of $\$ 178.5$ million during 2021, and $\$ 167.9$ million during 2022, satisfying the baseline requirement in both years of $\$ 68.8$ million and $\$ 45.3$, respectively. The Company projects an estimated baseline spend of $\$ 91.7$ million between January and June 2023, which also satisfies the baseline requirement of $\$ 28.4$ million.

Q22. Please discuss which IIP projects were not completed and placed in service and are not included in this final roll-in filing.

A22. The only project not completed and placed in service during the IIP timeframe was the Newport Substation project, as referenced above.

## Q23. Please discuss the lessons learned during this IIP.

A23. The lessons learned process has been an important focus during ACE's internal evaluation of the performance of this IIP. One of the major areas of focus is project selection, a process that is crucial to setting up future IIP's for success. ACE has identified several steps to enhance its project selection process, which includes each project having a scope technical challenge and engineering walk down completed to confirm project viability within the confines of a multi-year capital tracker. ACE recognizes the importance of locating and ordering long lead materials earlier in the construction process,
due to the current continuing headwinds of supply chain and inflationary challenges. These challenges were not present when the Company began its IIP. ACE also assessed the importance of building in time for a ramp-up period during the program's first year to establish a project management organization, procure permits, and begin engineering, design, and scheduling prior to any field work. As part of this assessment, the Company also identified the importance of beginning non-construction work upon Board approval to facilitate the ramp-up period most efficiently.

## Q24. Please discuss the processes and procedures regarding IIP project development.

A24.
ACE follows the Exelon Utilities model for project design, review, and implementation in a three-phase process for most projects. In Phase One, a project is initially proposed, which includes the need, objective, and preliminary cost of the project. A project team is identified, which begins to develop the conceptual design and scope of the project. Depending upon the proposed spend and upon whether the project in question is a capital, informational technology related or another classification, the project is given a specific designation type. During this phase, a study may be required before an oversight committee grants approval to move forward and project estimates are developed with a $+/-$ $50 \%$ margin. Phase Two encompasses the design phase of the project where the engineering design is reviewed, materials procurement is specified, required permits are identified, and construction specifications are determined. During this phase, project estimates are developed with $\mathrm{a}+/-25 \%$ margin. Upon approval by the oversight committee, the project is authorized to move into Phase Three, implementation, where the final design is completed, materials and contracts are awarded, and construction commences. During this phase, project estimates are developed with a $+/-10 \%$ margin.

1 Q25. Does this conclude the Operations Panel's testimony?
A25. Yes, it does.

## Schedule (GWB, MSS, MVK)-1

Schedule (GWB, MSS, MVK)-1
Page 1 of 12

## MFR-4: The approved Infrastructure Investment Program (IIP) capital budget broken down by major categories, both budgeted and actual amounts.

| MFR-4: Budget vs Actual Expenditures |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  |  |  |  |
| Projects |  |  |  |

(t) Project expenditures include full project cost before transmission allocation.
$\left(^{*}\right)$ Adjustments Column reflects the Investment Tracking Number (ITN)s that have been merged with other Budgeted ITNs.
All negative numbers were recorded as $\$ 0$

Schedule (GWB, MSS, MVK)-1
Page 2 of 12

| MFR-4 Budget vs Plant-In-Service |  |  |
| :--- | ---: | ---: | ---: | ---: |
| Projects |  |  |

(*) Adjustments Column reflects the Investment Tracking Number (ITN)s that have been merged with other Budgeted ITNs
(**) Includes AFUDC over Budget
All negative numbers were recorded as $\$ 0$

## MFR-6: For each IIP ITN Program:

a. The original project budget;
b. Expenditures incurred to date; (Project expenditures include full project cost before transmission allocation.)
c. Work completed, including identified tasks completed, e.g. design phase, material procurement, permit gathering, phases of construction, -etc.;
d. Anticipated project timeline, including estimated completion date, with updates and expected and unanticipated changes, along with an explanation of the reasons for any changes; and
e. A narrative discussion of the effectiveness of the project in improving system performance; including identification of improved facilities (including specific feeders), where appropriate.

IIP 24 ITN's included

| 71431 (UDLARDA1): Distribution Automation Line Projects and Equipment |
| :--- |
| 72029 (UORAORCZ): Install DA Capacitor \& Regulator Controllers |
|  |
| Radios | $\mathbf{7 3 9 3 5 \text { (UDSARDA1): Distribution Automation Substation Projects \& Equipment }}$| 70417 (UDSARD8SE): Distribution Automation -Add Reclose Control Capability |
| :--- |\(\left|\begin{array}{l}73294 (UDLARM4A2X): Install Automated Circuit Reclosers (ACR) <br>

\hline 72030 (UORAODA1Z): Install Reclosers Controllers/Radios <br>
70365 (UORAO2015): Telemetrics Radio Replacement <br>
\hline $$
\begin{array}{l}71207 \text { (UORAORBTZ): Network Communication Mesh - Distribution Automation Equipment - } \\
\text { COMPLETED }\end{array}
$$ <br>
\hline 73429 (UORAOAPWL): Network Mesh - Equipment Maintenance- Winslow - COMPLETED <br>
\hline 73430 (UORAOAPCM): Network Mesh - Equipment Maintenance- Cape May - COMPLETED <br>
\hline 70497 (UOFAOF2): Substation Fiber Optic Entrances <br>
73144 (UOFAOLFB): Pitman-Lamb Fiber Optic Build <br>
\hline 72498 (UOFAOMSFE): Monroe-Tansboro Substation Fiber Entrances <br>
\hline 72517 (UOFAOWC): Motts Farm Substation to West Creek OPS Fiber Optics - COMPLETED <br>
\hline 73501 (UOFAOF32): Smart Grid - Data Network Technology <br>
70323 (UOFAOF25): Communications Work: Data Network <br>
\hline 72379 (UDSALM78I): Mickleton Substation: Upgrade 12 kV Xfmrs and Feeder Bays - COMPLETED <br>

73016 (UDLARM4AG): Paulsboro Substation: 4 kV to 12 kV Feeder Re-insulation/Conversion\end{array}\right|\)| 72802 (UDSARD7S): Newport Substation: New 69/12 kV Equipment |
| :--- | :--- |
| 73723 (UDLARM4WS): Stratford Substation: Distribution Line Modifications |
| $73725($ UDSARD8A12): Stratford Substation: Replace T3 and both SWGR |
| 72514 (UDLARM4PS3): Motts Farm Substation: Distribution Line Modifications |
| 72516 (UDSARD8A6): Motts Farm Substation: Upgrade 15 kV Switchgear |

## 71431 (UDLARDA1): Distribution Automation Line Projects and Equipment

A - Original Project Budget - \$7,319,731 (July 2019 - December 2022) Forecast June 2023
B - Expenditures incurred to date - Through March 2023-\$8,270,712
C - Work completed, including identified tasks, e.g. design phase, material procurement, permit gathering, phases of construction, etc.

Permitting progress continues to be made on the High Street DA overhead crossing over the New Jersey Turnpike during the first quarter of 2023.
The following are the current activities being tracked for project execution in second quarter of 2023.
$>$ Design completed on September 14, 2022 and submitted to New Jersey Turnpike Authority ("NJTA"). Final Issue for Construction drawings have been prepared.
> NJTA License-to-Cross ("LTC") (T959) - New LTC questions received on October 12, 2022 - All design questions have been reviewed. Final responses related to ACE contractor means and methods to install the crossing which will occur with the award of contractor in March 2023.
$>$ New Jersey Department of Transportation ("NJDOT") - Highway Occupancy Permit (often abbreviated as a HOP) - Pre-Application process to occur in January 2023 with ACE contractor engaged. Final Permit release anticipated in April 2023.
$>$ Private Easement - Overhead path updates provided on October 26, 2022 to property owner for review. Coordinating final reviews with NJDOT input in April 2023.
$>$ Environmental Soil Conservation District Permit - Based on area of disturbance, a permit document is being prepared for release in April 2023.
$>$ Steel Pole - Design review and fabrication is complete and delivery occurred in March 2023.
$>$ Material Inventory is underway to ensure Contractor has all necessary material on-hand to execute the project.
> Contractor of Choice proposal as well as matting, Environmental \& Sediment controls and monitoring control proposals have been received.

D - Anticipated project timeline, including estimated completion date, with updates and expected and unanticipated changes, along with an explanation of the reasons for any changes

New Jersey Turnpike / \#322 Crossing

- Award Contractors and associate support contracts to execute the project.
- Secure all permits and easement to support the project delivery.
- Inventory all material necessary to ensure crossing material is secured.
- A Record of Decision has been developed to identify the change from underground to overhead requirements.
- Completion of the project targeted to second quarter of 2023.

E-A narrative discussion of the effectiveness of the project in improving system performance; including identification of improved facilities (including specific feeders), where appropriate

This ITN provides for any necessary circuit capacity increases through reconductoring. It also includes capacitor and voltage regulator upgrades and additions, which are often necessary to maintain voltage stability when circuits are automatically reconfigured by the Distribution Automation ("DA") scheme.

## 72029 (UORAORCZ): Install DA Capacitor \& Regulator Controllers

A - Original Project Budget - \$2,172,501 (July 2019 - December 2022) Forecast June 2023
B - Expenditures incurred to date - Through March 2023 - $\$ 2,126,409$
C - Work completed, including identified tasks, e.g. design phase, material procurement, permit gathering, phases of construction, etc.

Through March 2023, an additional 148 capacitor controller upgrades have been completed throughout the ACE Districts for a cumulative completion total of 183 upgrades since July 2019.

The remaining Winslow DA regulators were completed in January 2022.

D - Anticipated project timeline, including estimated completion date, with updates and expected and unanticipated changes, along with an explanation of the reasons for any changes

DA Capacitor controller upgrade program installations to continue through June of 2023 for the remaining 87 upgrades.

E-A narrative discussion of the effectiveness of the project in improving system performance; including identification of improved facilities (including specific feeders), where appropriate

This ITN covers the installation of capacitors and regulators to help adjust the power factor and voltage on the distribution circuit and allow electricity to be distributed more efficiently. It is performed as part of the DA scheme enablement plan.

## 73976 (UORAORBAZ): DA Equipment Maintenance - Unplanned Replace Batteries, Controls \& Radios

A - Original Project Budget - $\$ 1,445,180$ (July 2019 - December 2022)
B - Expenditures incurred to date - Through December 2022 - $\$ 2,110,633$
C - Work completed, including identified tasks, e.g. design phase, material procurement, permit gathering, phases of construction, etc.

Unplanned maintenance was completed on critical controls, batteries and radios across the ACE system at the end of 2022.

D - Anticipated project timeline, including estimated completion date, with updates and expected and unanticipated changes, along with an explanation of the reasons for any changes

Completed.

E-A narrative discussion of the effectiveness of the project in improving system performance; including identification of improved facilities (including specific feeders), where appropriate

This ITN is required to capture costs associated with the unplanned capital replacement of equipment and batteries related to Automated Line Equipment due to field failure or accidents.

## 73935 (UDSARDA1): Distribution Automation Substation Projects \& Equipment 70417 (UDSARD8SE): Distribution Automation - Add Reclose Control Capability

73935 - Original Project Budget - \$5,507,465 (July 2019 - December 2022)
70417 - Original Project Budget - $\$ 523,821$ performed as part of 73935 (As previously reported in the 2019 IIP Semi-Annual Report)

A - Combined Project Budget: \$6,031,286 (July 2019 - December 2022) Forecast March 2023
B - Expenditures incurred to date - Through March 2023-\$11,719,664
C - Work completed, including identified tasks, e.g. design phase, material procurement, permit gathering, phases of construction, etc.-

The second project in West Creek and the first Cape May project were completed in the first quarter of 2022. In the second quarter of 2022, the second project in Cape May was also completed.

The design for the two Bridgeton projects were completed in the second quarter of 2022.
The third project in Cape May and the Glassboro project designs were completed in the fourth quarter of 2022.

Work on three of these projects (2 Bridgeton and 1 Cape May) was completed in the fourth quarter of 2022

D - Anticipated project timeline, including estimated completion date, with updates and expected and
unanticipated changes, along with an explanation of the reasons for any changes unanticipated changes, along with an explanation of the reasons for any changes

Complete the field testing of the Glassboro project in March 2023.

E-A narrative discussion of the effectiveness of the project in improving system performance; including identification of improved facilities (including specific feeders), where appropriate

This ITN provides for upgrading electromechanical substation circuit relays to "smart" microprocessor relays. These microprocessor relays provide system operators with enhanced visibility and control capability, are a prerequisite to adding full DA functionality to a specific circuit. DA schemes reduce both the frequency and duration of sustained outages by automatically isolating faulted circuit sections and restoring power to un-faulted sections.

## 73294 (UDLARM4A2X): Install Automated Circuit Reclosers (ACR)

A - Original Project Budget - \$25,390,168 (July 2019 - December 2022) Forecast January 2023
B - Expenditures incurred to date - Through March 2023-\$28,921,734
C - Work completed, including identified tasks, e.g. design phase, material procurement, permit gathering, phases of construction, etc.

As of the end of January 2023, ACE installed a total installation of 447 Viper reclosers ( 393 new reclosers and 54 upgrade of recloser technology) since July 2019.

The Pleasantville reclosers completed design in 2022 and final installation in January 2023.
D - Anticipated project timeline, including estimated completion date, with updates and expected and unanticipated changes, along with an explanation of the reasons for any changes

Completed.
E-A narrative discussion of the effectiveness of the project in improving system performance; including identification of improved facilities (including specific feeders), where appropriate

This ITN is for ACR Saturation of reclosers, which are fundamental building blocks for DA to isolate faults to approximately 500 customers.

## 72030 (UORAODA1Z): Install Reclosers Controllers/Radios

## 70365 (UORAO2015): Telemetrics Radio Replacement

72030 - Original Project Budget - \$11,345,347 (July 2019 - December 2022)
70365 - Original Project Budget - $\$ 109,224$ - performed as part of 72030 (As previously reported in the 2019 IIP Semi-Annual Report)

A - Combined Project Budget: \$11,454,571 (July 2019 - December 2022) Forecast March 2023
B - Expenditures incurred to date - Through March 2023-\$13,428,699
C - Work completed, including identified tasks, e.g. design phase, material procurement, permit gathering, phases of construction, etc.

As of the end of March 2023, ACE enabled 472 new and upgraded technology recloser controller/radios and added communications to 198 existing reclosers.

The Pleasantville reclosers commenced in 2022 for the final scope of the ACE ACR Saturation plan and was completed in January 2023.

ACE prepared all the planned DA schemes in the Winslow District and enabled all the feeders with the exception of one feeder delayed to 2023.

D - Anticipated project timeline, including estimated completion date, with updates and expected and unanticipated changes, along with an explanation of the reasons for any changes

The final Winslow scheme feeder enabled in March 2023.
E-A narrative discussion of the effectiveness of the project in improving system performance; including identification of improved facilities (including specific feeders), where appropriate

This ITN is for ACR saturation of recloser controller/radios, which are fundamental building blocks for DA to communicate the isolated faults to approximately 500 customers.

## 70497 (UOFAOF2): Substation Fiber Optic Entrances

## 73144 (UOFAOLFB): Pitman-Lamb Fiber Optic Build

## 72498 (UOFAOMSFE): Monroe-Tansboro Substation Fiber Entrances

70497 - Original Project Budget - \$1,925,877 (July 2019 - December 2022)
73144 - Original Project Budget - $\$ 340,089$ (2021) - Performed as part of 70497 (As previously reported in the 2019 IIP Semi-Annual Report)

72498 - Original Project Budget - \$ 85,000 (2019) - Performed as part of 70497 project effort
A - Combined Project Budget: \$2,350,966 (July 2019 - December 2022)
B - Expenditures incurred to date - Through March 2023-\$3,115,013
C - Work completed, including identified tasks, e.g. design phase, material procurement, permit gathering, phases of construction, etc.

Completed Lindenwold to Silverlake in end of second quarter 2022.
D - Anticipated project timeline, including estimated completion date, with updates and expected and unanticipated changes, along with an explanation of the reasons for any change

Completed.
E - A narrative discussion of the effectiveness of the project in improving system performance; including identification of improved facilities (including specific feeders), where appropriate

This ITN is for fiber optic entrances that are needed to enhance the communications networks, which will help to ensure that the network is effective with the most up-to-date technologies.

## 73501 (UOFAOF32): Smart Grid - Data Network Technology

70323 (UOFAOF25): Communications Work: Data Network
73501 - Original Project Budget - \$3,652,272 (July 2019 - December 2022)
70323 - Original Project Budget - \$ 700,000 (July 2019 - December 2022)
A - Combined Project Budget: \$4,352,272 (July 2019 - December 2022)
B - Expenditures incurred to date - Through March 2023-\$4,408,507
C - Work completed, including identified tasks, e.g. design phase, material procurement, permit gathering, phases of construction, etc.

Through December 2022, an additional twenty router installations have been completed throughout all ACE Districts for a cumulative completion total of 71 router installations since July 2019.

D - Anticipated project timeline, including estimated completion date, with updates and expected and unanticipated changes, along with an explanation of the reasons for any changes

Completed.
E-A narrative discussion of the effectiveness of the project in improving system performance; including identification of improved facilities (including specific feeders), where appropriate

This ITN focuses on enhancing the communications networks and will help to ensure that the DA network is effective with the most up-to-date technologies.

## 73016 (UDLARM4AG): Paulsboro Substation: 4kV to 12kV Feeder Reinsulation/Conversion

A - Original Project Budget - \$4,349,470 (July 2019 - June 2021) Actual December 2021
B - Expenditures incurred to date - Through December 2022-\$2,397,447
C - Work completed, including identified tasks, e.g. design phase, material procurement, permit gathering, phases of construction, etc.

Paulsboro Substation: 4 kV to 12 kV feeder reinsulation/conversion project was completed in December 2021 and closed in 2022.

D - Anticipated project timeline, including estimated completion date, with updates and expected and unanticipated changes, along with an explanation of the reasons for any changes

Completed.

E-A narrative discussion of the effectiveness of the project in improving system performance; including identification of improved facilities (including specific feeders), where appropriate

The Paulsboro project will reinsulate and convert two existing feeders at the Paulsboro Substation from 4 kV to 12 kV as part of the Gibbstown Substation retirement and elimination of the 4 kV system.

## 72802 (UDSARD7S): Newport Substation: New 69/12 kV Equipment

A - Original Project Budget - \$9,436,231 (December 2019 - June 2023)
B - Expenditures incurred to date - Through March 2023-\$7,020,600
C - Work completed, including identified tasks, e.g. design phase, material procurement, permit gathering, phases of construction, etc.

The Newport Substation New 69/12 kV Equipment project awarded the Contractor of Choice ("CoC") in the third quarter of 2022. The contractor mobilized in the fourth quarter of 2022 which was delayed due to permitting issues encountered. The evaluation and selection of the Substation Testing and Commissioning contractor was completed in the fourth quarter of 2022. Major equipment and material delays continue to be an issue. The balance of project material is being continually reviewed in line with the construction schedule for any potential delays and adjustments are being made to evaluate the risk of the project. Work continues on the 69 kV part of the project while the 12 kV work scope can not start until that part of the project is finished.

D - Anticipated project timeline, including estimated completion date, with updates and expected and unanticipated changes, along with an explanation of the reasons for any changes

- Newport 12kv Substation work will not be in-service by June 2023 and will not be included for recovery in the May 1, 2023 Final IIP roll-in filing
- Permitting delays and substantial material lead times are the main drivers for the delay;
- It was an Engineering and Control Center decision to continue with pre-outage work but to not take the necessary outages to complete the work so close to the summer season;
- Work will be completed on Newport Substation in the Fall of 2023.


## E - A narrative discussion of the effectiveness of the project in improving system performance; including identification of improved facilities (including specific feeders), where appropriate

The Newport project is to support capacity requirements and reliability at this substation.

## 73723 (UDLARM4WS): Stratford Substation: Distribution Line Modifications 73725 (UDSARD8A12): Stratford Substation: Replace T3 and both SWGR

A-73723 Original Project Budget - \$1,450,000 (March 2020 - June 2023)
A-73725 Original Project Budget - \$6,444,144 (March 2020 - June 2023)
B - Expenditures incurred to date - Through March 2023-\$7,778,104
C - Work completed, including identified tasks, e.g. design phase, material procurement, permit gathering, phases of construction, etc.

The Stratford Substation project secured its permits and awarded the CoC in the third quarter of 2022. The contractor mobilized in the fourth quarter of 2022 after the de-energization of the entire substation. The evaluation and selection of the Substation Testing and Commissioning contractor was completed in the fourth quarter of 2022 with mobilization planned in January 2023. Major Equipment concerns with late delivery of the Switchgear Enclosure and Transformer being delayed into 2023 are being mitigated at this time. The Control enclosure was delivered in December 2022. Supply and delivery issues were being reviewed and evaluated for impact on the project schedule. The cable delivery delayed into April 2023 has been mitigated. Balance of project material is being continually reviewed in line with construction schedule for any potential delays.

D - Anticipated project timeline, including estimated completion date, with updates and expected and unanticipated changes, along with an explanation of the reasons for any changes

Substation and Distribution build completion and energization in second quarter of 2023.
Material availability continues to be the largest challenge on this project as we continue to mitigate issues with critical materials through $\mathrm{PHI} / \mathrm{ACE}$ and Contractor supply relationship.

E-A narrative discussion of the effectiveness of the project in improving system performance; including identification of improved facilities (including specific feeders), where appropriate

The Stratford project will restore reliability at this substation, which is a mid-1970's/mid-1980's vintage that has seen an increase in unscheduled service outages in the past several years.

# 72514 (UDLARM4PS3): Motts Farm Substation: Distribution Line Modifications <br> <br> 72516 (UDSARD8A6): Motts Farm Substation: Upgrade 15 kV Switchgear 

 <br> <br> 72516 (UDSARD8A6): Motts Farm Substation: Upgrade 15 kV Switchgear}

A - 72514 Original Project Budget - \$2,187,092 (May 2020 - June 2023)
A-72516 Original Project Budget - \$4,095,978 (May2020 - June 2023)
B - Expenditures incurred to date - Through March 2023 - \$10,268,038
C - Work completed, including identified tasks, e.g. design phase, material procurement, permit gathering, phases of construction, etc.

The Motts Farm Substation and Distribution Getaway project secured its final permit releases and awarded the CoC in the fourth quarter of 2022. Contractor mobilized the end of 2022 to commence the building of the switchgear enclosure. The evaluation and selection of the Substation Testing and Commissioning contractor was completed in the fourth quarter of 2022 with mobilization planned in first quarter of 2023. Delays in building materials were encountered and have been mitigated at this time. Major equipment delivery is delayed to February 2023 due to the need to have a climate-controlled switchgear enclosure finished. able delivery has been delayed and tracked into February 2023. The balance of project material is being continually reviewed in line with construction schedule for any potential delays.

Additional Feeder split design complete in the fourth quarter of 2022. Contractor selected and permit release anticipated in first quarter of 2023.

D - Anticipated project timeline, including estimated completion date, with updates and expected and unanticipated changes, along with an explanation of the reasons for any changes

The project has had significant increase experienced for materials and the cost of constructing the substation. This had been documented as part of a Record of Decision.

Substation and Distribution Getaway build completion and energization in second quarter of 2023.
Additional Feeder splits beyond the substation fence are planned to be completed in the second quarter of 2023.

Material availability continues to be the challenge on this project as we continue to mitigate issues with critical materials through $\mathrm{PHI} / \mathrm{ACE}$ and Contractor supply relationship.

E-A narrative discussion of the effectiveness of the project in improving system performance; including identification of improved facilities (including specific feeders), where appropriate

The Motts Farm project will restore reliability at this substation, which is a late-1970's vintage that requires replacement and upgrade of the structure and equipment.

## ATLANTIC CITY ELECTRIC COMPANY

## BEFORE THE NEW JERSEY

BOARD OF PUBLIC UTILITIES
DIRECT TESTIMONY OF TIMOTHY J. PAGANO
BPU DOCKET NO. ER23050272

Q1. Please state your name and position.
A1. My name is Timothy J. Pagano. My title is Senior Rate Analyst in the Regulatory Department of Pepco Holdings LLC ("PHI"). I am testifying on behalf of Atlantic City Electric Company ("ACE" or the "Company").

Q2. What are your responsibilities in your role as Senior Rate Analyst?
A2. $\quad$ My responsibilities include the revenue requirement determinations for ACE in New Jersey and Delmarva Power \& Light Company in Delaware and Maryland, as well as coordinating various other regulatory compliance matters.

Q3. Please state your educational background and professional qualifications.
A3. I graduated from Moravian College in 2008 with a Bachelor of Science degree, double majoring in Mathematics and Accounting. I earned my Certified Public Accountant certification in the State of California in 2010 where I currently hold an active license.

I began my professional career at USI Affinity as a Staff Accountant in June 2008, holding various accounting responsibilities related to the close cycle and was promoted to Senior Accountant in 2011. From August 2011 to October 2013, I continued my career at Harrah's Chester Casino and Racetrack as a Senior Accountant where I supervised the horsemen bookkeeping activities related to racetrack operations, as well as casino accounting general ledger functions. In November 2013, I began my career at PHI as an Accountant II in the Corporate Accounting group. In this capacity,

I focused on accounting and reporting related to the Pension and Other PostEmployment Benefits (OPEB) plans, as well as merger accounting. In 2017, I was promoted to Senior Accountant on the Plant Accounting team where I was responsible for plant in-service interfacing to the general ledger. In addition to general ledger functions, I was involved in depreciation study preparation as well as post-merger system conversion activities. In January 2019, I transferred to my current role as a Senior Rate Analyst on the Revenue Requirement team.

## Q4. What is the purpose of your Direct Testimony?

A4. The purpose of my Direct Testimony is to provide a proposed cost recovery mechanism for ACE's Infrastructure Investment Program ("IIP"). In addition, I sponsor five Minimum Filing Requirements ("MFRs"): MFRs 1, 2, 7, 8, and 11, of which MFRs 7 and 8 are included in support of my Direct Testimony, as Schedules (TJP)-2 and (TJP)1, respectively. MFRs 1, 2, and 11 are provided in Exhibits B, C and $\mathbf{H}$ of the Petition, respectively.

My Direct Testimony and the accompanying Exhibits were prepared by me or under my direction and supervision. The source documents for my testimony are Company records and public documents, and my personal knowledge and experience.

## Q5. Please describe the ACE IIP cost recovery mechanism.

A5. The Company is proposing to recover the revenue requirement associated with the ACE IIP program based on expected plant in-service expenditures for the 18-month period ended June 30, 2023, with actual data from January 1, 2022 through March 31, 2023, and forecast data from April 1, 2023 through June 30, 2023 (the "in-service cutoff date"). As such, the Company will provide an update of three months of forecasted
investments to actuals no later than July 21, 2023 (21 days after June 30, 2023). ACE is making its filing for recovery of these investments on May 1, 2023. Pursuant to the Stipulation of Settlement (the "IIP Stipulation" or "Stipulation), ACE IIP investments will be recovered through the Rider IIP as described in the Stipulation, and as authorized in the New Jersey Board of Public Utilities (the Board" or "BPU") Docket No. EO18020196, Decision and Order Approving Stipulation of Settlement, dated April 18, 2019. As noted in the Stipulation, rate increases associated with the IIP filings become effective 90 days after the in-service cutoff date, which, as it relates to this filing, would be October 1, 2023. All of the foregoing dates are consistent with the schedule envisioned within the IIP Stipulation for the Roll-In Periods, adjusted for the fact that the current filing represents the Company's fourth (and final) roll-in under the IIP since it was approved by the Board. The Direct Testimony of Company Witness Perry addresses the timing of this filing in more detail.

## Q6. Please describe how the revenue requirement is calculated.

The revenue requirement and calculation of IIP rates are predicated upon 18 months of cost data, including, but not limited to: costs of engineering, design and construction, and property acquisitions, including actual labor, materials, overhead, and capitalized Allowance for Funds Used During Construction ("AFUDC"). AFUDC included in plant in-service additions has been calculated using the return on equity authorized in the Company's most recent base rate case. ACE stops accruing AFUDC on investments once they are placed in service. Pursuant to page 6 of BPU Docket No. EO18020196, the Company will request recovery of associated AFUDC over and above the authorized project limits, as set forth in Exhibit A of the Stipulation. Residual

## Witness Pagano

AFUDC that is above the amounts authorized in the Stipulation will be included in the final update to actuals in July 2023.

The revenue requirement will include a return on net plant in-service as of the end of the reporting period, with net plant being derived as gross plant in-service less accumulated depreciation and applicable accumulated deferred income taxes. The revenue requirement also includes depreciation expense (at ACE's current Boardapproved depreciation rates), income taxes, the associated interest synchronization adjustment, and the BPU and New Jersey Division of Rate Counsel assessments.

A calculation showing the development of the IIP revenue requirement and rate design for the period of January 2022 through June 2023 is provided in Schedule (TJP)1. The annual revenue requirement associated with the $\$ 22,603,303$ in IIP expenditures closed to plant in-service, over the period of January 2022 through and including June 2023, amounts to $\$ 2,820,394$.

## Q7. Do closings to plant in-service satisfy the $\$ 9.6$ million minimum spending requirement noted in the IIP Stipulation?

A7.
Yes. Table 1 shows that actual/forecasted plant closing levels for the 18 -month period ending June 30, 2023 meets or exceeds the $\$ 9.6$ million spending requirement embodied in the Stipulation.

1

|  | Plant Closing Schedule (Data in Millions) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Actuals <br> (1) | Actuals <br> (2) | Actuals <br> (3) | Actuals <br> (4) | Actuals <br> (5) | Actuals <br> (6) |
|  | 22-Jan | 22-Feb | 22-Mar | 22-Apr | 22-May | 22-Jun |
| Plant Closings | \$0.38 | \$1.22 | \$0.80 | \$0.52 | \$1.35 | \$0.38 |
| Cumulative | \$0.38 | \$1.60 | \$2.39 | \$2.91 | \$4.25 | \$4.64 |
|  | Actuals <br> (7) | Actuals <br> (8) | Actuals (9) | Actuals <br> (10) | Actuals <br> (11) | Actuals <br> (12) |
|  | 22-Jul | 22-Aug | 22-Sep | 22-Oct | 22-Nov | 22-Dec |
| Plant Closings | \$0.19 | \$0.50 | \$0.23 | \$0.40 | \$0.17 | \$1.57 |
| Cumulative | \$4.83 | \$5.33 | \$5.56 | \$5.96 | \$6.13 | \$7.70 |

TABLE 1
s

|  | Actuals | Actuals | Actuals | Forecast | Forecast | Forecast |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (13) | $(14)$ | $(15)$ | $(16)$ | $(17)$ | $(18)$ | (19) |
|  | $\underline{\text { 23-Jan }}$ | $\underline{\text { 23-Feb }}$ | $\underline{\text { 23-Mar }}$ | $\underline{\text { 23-Apr }}$ | $\underline{\text { 23-May }}$ | $\underline{\text { 23-Jun }}$ | $\underline{\text { Total }}$ |
| Plant | $\$ 0.05$ | $\$ 0.11$ | $\$ 0.66$ | $\$ 0.46$ | $\$ 0.10$ | $\$ 13.53$ | $\$ 22.60$ |
| Closings |  | $\underline{\$ 7.75}$ | $\underline{\$ 7.86}$ | $\underline{\$ 8.52}$ | $\underline{\$ 8.97}$ | $\underline{\$ 9.07}$ | $\underline{\$ 22.60}$ |
| Cumulative | $\underline{\$ 7.75}$ | $\underline{\$ 22.60}$ |  |  |  |  |  |

Q8. Does the Revenue Requirement include any Construction Work in Progress (CWIP) projects that are not in service?

A8. No. Pursuant to the Stipulation, only plant in-service that is used and useful, meaning plant that is functioning for its intended purpose, is included in the calculation.

Q9. How does the Company expect to handle any residual closings to the projects that were included in the IIP Stipulation?

A9. The Company expects that any residual closings that may relate to these projects will be included in the next base rate case filed by ACE.

Q10. What was the rate of return ("ROR") used to calculate the revenue requirement?
A10. The ROR used is $6.99 \%$. This is the same ROR that was approved by the BPU in ACE's last completed base rate case. ${ }^{1}$

Q11. How would specific rates for the IIP program be developed for each of the Company's Tariff Rate Schedules?

A11. Pursuant to the IIP Stipulation, the total revenue requirement is allocated to each rate class based on revenues from the most recently approved ACE base rate case filing. Rate impacts resulting from this IIP filing are calculated for each rate class and will be recovered through Rider IIP. For the Rate Schedule RS, the rate is calculated as a proportional increase to the volumetric charges. For MGS Secondary and MGS Primary, the rate will be designed as a proportional increase to the demand and volumetric charges. For Rate Schedules AGS Secondary, AGS Primary, and TGS, the rate will be designed as a demand charge applicable to the maximum monthly demand.

[^12]For the street lighting classes, the rate is calculated as a monthly per lamp charge. For Rate Schedule DDC, the rate is calculated as a proportional increase to the Service and Demand and Energy Charges. The detailed rate design is provided in Schedule (TJP)2.

## Q12. Have you prepared bill comparisons for the projected IIP rates?

A12. Yes. Bill comparisons for all the major classes are provided in Schedule (TJP)3. The impact to the average residential customer bill using 680 kWh on a monthly basis, is $\$ 0.30$ or a $0.21 \%$ increase to the current average monthly bill.

## Q13. Is the Company proposing modifications to its tariff as a part of this filing?

A13. Yes. The proposed modified tariff sheets are included as Schedule (TJP)-4.

## Q14. Does the Company's proposed rate design impact the Conservation Incentive Program ("CIP") revenue per customer targets?

A14. Yes. Pursuant to the Board's Order on April 27, 2021 to approve the stipulation of settlement in the Company's energy efficiency filing, BPUDocket No. EO20090621, and also consistent with Tariff Leaf Original Sheet No. 69, the PowerAhead and IIP filings will also update the CIP revenue per customer targets on Tariff Leaf Original Sheet No. 69a. These targets will be updated and filed with the compliance filing in the instant proceeding. The new CIP targets would have a rate effective date consistent with the base distribution rate changes in this proceeding as of October 1, 2023.

## Q15. Does this conclude your Direct Testimony?

A15. Yes, it does.

## Schedule (TJP)-1

## Atlantic City Electric Company

Development of Infrastructure Investment Program
Annualized Revenue Requirement

| Filing Date | (1) |  |
| :---: | :---: | :---: |
|  | May 1, 2023 |  |
| Recovery Period | January 2022 - June 2023 IIP Roll-in \#4 |  |
| Rate Base: |  |  |
| Gross Plant | \$ | 22,603,303 |
| Accumulated Depreciation | \$ | 388,401 |
| Deferred Taxes | \$ | 45,764 |
| Net Rate Base | \$ | 22,169,138 |
| Operating Income: |  |  |
| Depreciation | \$ | 845,707 |
| SIT-Current | \$ | $(134,062)$ |
| FIT-Current | \$ | $(284,659)$ |
| Deferred Taxes | \$ | 45,764 |
| Total Operating Expenses | \$ | 472,750 |
| Return Required | \$ | 1,549,623 |
| Required Oper. Income | \$ | 2,022,372 |
| Revenue Conversion Factor |  | 1.39460 |
| Revenue Requirement | \$ | 2,820,394 |

## Income Statement Check <br> Revenue

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Depreciation \& Amortization \$
Other Taxes
Interest Expense
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Income Tax - Deferred
Earnings
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$\begin{array}{lll}\text { Return on Equity per WACC } & \$ & 1,068,552 \\ 1,068,552\end{array}$

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## Atlantic City Electric Company

2020 ACE BRC Stipulation and Settlement
Weighted Average Cost of Capital (WACC)

| (1) | (2) | (3) | (4) | (5) |
| :---: | :---: | :---: | :---: | :---: |
| Line |  |  |  | Overall |
| No. | Capital Structure | Weight | Rate | Cost of Capital |
| 1 | Long-Term Debt | 49.79\% | 4.35\% | 2.17\% |
| 2 | Common Stock | 50.21\% | 9.60\% | 4.82\% |
| 3 | Total | 100.00\% |  | 6.99\% |

## Atlantic City Electric Company

## Development of Revenue Conversion Factor

(1)

Line
No.
(2)

Particulars
(3)
w/ Assessments Factor
(4)

## w/o Assessments Factor

Tax Rates

| Federal Income Tax | 0.210000 | 0.210000 |
| :--- | :--- | :--- |
| State Income Tax | 0.090000 | 0.090000 |
| BPU Assessment |  |  |
| DRC Assessment | $\underline{0.002026}$ | 0.000000 |
| Factor |  | $\underline{0.000000}$ |
| R |  | $\mathbf{x}$ |


| Revenue Increase | $\mathbf{X}$ | $\mathbf{X}$ |
| :--- | :--- | :--- |
| BPU Assessment | 0.002026 | 0.000000 |
| DRC Assessment | 0.000543 | 0.000000 |
|  |  | 0.002569 |
| Total Other Tax | 0.997431 | 0.000000 |
| State Taxable Income | 0.089769 | 1.000000 |
| State Income Tax | 0.907662 | 0.090000 |
| Federal Taxable Income | 0.190609 | 0.910000 |
| Federal Income Tax | 0.282947 | 0.191100 |
| Total Additional Taxes | 0.717053 | 0.281100 |
| Increase in Earnings (1 - additional taxes) | 1.394597 | 0.718900 |
| Revenue Conversion Factor (1/Incr in Earnings) |  | 1.391014 |

## Atlantic City Electric Company

Plant Closing Schedule


## Atlantic City Electric Company

 MACRS Tax Depreciation Rates| (1) Recovery Year | (2) 3-Year | (3) 5-Year | (4) 7-Year | (5) 10-Year | (6) 15-Year | (7) 20-Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 33.33 | 20 | 14.29 | 10 | 5 | 3.75 |
| 2 | 44.45 | 32 | 24.49 | 18 | 9.5 | 7.219 |
| 3 | 14.81 | 19.2 | 17.49 | 14.4 | 8.55 | 6.677 |
| 4 | 7.41 | 11.52 | 12.49 | 11.52 | 7.7 | 6.177 |
| 5 |  | 11.52 | 8.93 | 9.22 | 6.93 | 5.713 |
| 6 |  | 5.76 | 8.92 | 7.37 | 6.23 | 5.285 |
| 7 |  |  | 8.93 | 6.55 | 5.9 | 4.888 |
| 8 |  |  | 4.46 | 6.55 | 5.9 | 4.522 |
| 9 |  |  |  | 6.56 | 5.91 | 4.462 |
| 10 |  |  |  | 6.55 | 5.9 | 4.461 |
| 11 |  |  |  | 3.28 | 5.91 | 4.462 |
| 12 |  |  |  |  | 5.9 | 4.461 |
| 13 |  |  |  |  | 5.91 | 4.462 |
| 14 |  |  |  |  | 5.9 | 4.461 |
| 15 |  |  |  |  | 5.91 | 4.462 |
| 16 |  |  |  |  | 2.95 | 4.461 |
| 17 |  |  |  |  |  | 4.462 |
| 18 |  |  |  |  |  | 4.461 |
| 19 |  |  |  |  |  | 4.462 |
| 20 |  |  |  |  |  | 4.461 |
| 21 |  |  |  |  |  | 2.231 |

## Schedule (TJP)-2

Atlantic City Electric Company
Development of Proposed Distribution Rate
Rate Class Allocation of Distribution Revenue Requirements

| Revenue Requirement - IIP 1 | \$ | 3,718,942 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Revenue Requirement - IIP 2 | \$ | 2,312,768 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Revenue Requirement - IIP 3 | \$ | 2,149,012 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Revenue Requirement - IIP 4 | \$ | 2,820,394 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Revenue Requirement | \$ | 11,001,116 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rate Schedule Specific Revenue Increase Allocation |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1 |  | 2 |  | 3 |  | 4 |  | 5 |  | 6 |  | 7 |  |  |  | 9 |  | 10 |  | 11 |
| Rate Schedule |  | Total |  | ENTIAL |  | NTHLY RAL SERV NDARY |  | THLY <br> AL SERV <br> MARY |  | NUAL RAL SERV NDARY |  | NUAL <br> AL SERV <br> MARY |  | ssion SERV MISSION |  | TRANSMISSION GENERAL SERV TRANSMISSION |  | STREET <br> LIGHTING <br> SERVICE |  | IRECT RIBUTION NECTION |
| Annualized Current Distribution Revenue | \$ | 8,180,722 | \$ | 4,899,763 | \$ | 1,454,146 | \$ | 27,952 | \$ | 1,116,877 | \$ | 221,416 | \$ | 64,300 | \$ | 40,221 | \$ | 345,467 | \$ | 10,580 |
| Revenue Change (\$) - IIP 4 | \$ | 2,820,394 | \$ | 1,689,247 | \$ | 501,333 | \$ | 9,637 | \$ | 385,056 | \$ | 76,336 | \$ | 22,168 | \$ | 13,867 | \$ | 119,104 | \$ | 3,648 |
| Proposed Revenue | \$ | 11,001,116 | \$ | 6,589,010 | \$ | 1,955,479 | \$ | 37,588 | \$ | 1,501,933 | \$ | 297,752 | \$ | 86,468 | \$ | 54,088 | \$ | 464,571 | \$ | 14,227 |
| Revenue Change based on Annualized Current Revenue (\%) |  | 134.4761\% |  | 34.4761\% |  | 34.4761\% |  | 34.4761\% |  | 34.4761\% |  | 34.4761\% |  | 34.4761\% |  | 34.4761\% |  | 34.4761\% |  | 34.4761\% |

## Atlantic City Electric Company Development of Proposed Distribution Rate <br> Rate Design Worksheet

Rate Schedule
Distribution Functional Revenue Requirements Total (w/o SUT)
Distribution Functional Revenue Requirements Total (w/o SU
Distribution Functional Revenue Requirements Total (w/ SUT)

|  | RS |
| :--- | :--- | :--- |
| $\$$ | 689,010 <br> $7,025,532$ |



```
Atlantic City Electric Company 
R Rate Schedule 
Mistribution Functional Revenue Requirements Total (w/ SUT) 
```



Atlantic City Electric Company
Development of Proposed Distribution Rate
Development of Proposed
Rate Design Worksheet
Rate Schedule
Distribution Functional Revenue Requirements Total (w/o SUT)
Distribution Functional Revenue Requirements Total (w/o SUT)
Distribution Functional Revenue Requirements Total (w/ SUT)
MGS PRIMARY
$\$ \quad 37,588$


## Atlantic City Electric Company Development of Proposed Distribution Rate <br> Rate Design Worksheet

Rate Schedule
Distribution Functional Revenue Requirements Total (w/o SUT) Distribution Functional Revenue Requirements Total (w/o SUT)
Distribution Functional Revenue Requirements Total (w/ SUT)


## Atlantic City Electric Company Development of Proposed Distribution Rate <br> Rate Design Worksheet

| Rate Schedule |  | AGS PRIMARY |
| :--- | :---: | :---: |
|  |  | Distribution Functional Revenue Requirements Total (w/o SUT) |
|  | $\$ 897,752$ |  |
| Distribution Functional Revenue Requirements Total (w/ SUT) | $\$$ | 317,478 |


| BLOCK | $\begin{gathered} 2 \\ \begin{array}{c} \text { Billing } \\ \text { Determinants } \end{array} \end{gathered}$ | $\begin{gathered} 3 \\ \text { Current } \\ \text { Distribution } \\ \text { Rates } \\ \text { (including SUT) } \end{gathered}$ | 4 Current Distribution Rates (w/o SUT) | EDIT Credit (including SUT) | 6 <br> EDIT Credit (w/o SUT) | Calculated Rate Class <br> Revenue under Current Distribution Rates (w/o SUT) | 8 <br> Preliminary Distribution Rate (w/o SUT) | Recovery under Preliminary Distribution Rates (w/o SUT) | 10 <br> Proposed Rate (including SUT) | 11 <br> $\begin{array}{c}\text { EDIT Credit } \\ \text { (including SUT) }\end{array}$ | 12 <br> EDIT Credit (w/o SUT) | 13 <br> Recovery under Proposed Distribution Rates (including SUT) | $\qquad$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CUSTOMER | 1,469 | \$ 744.15 |  |  |  | \$ | \$ - | \$ | \$ - |  |  | \$ |  |
| DEMAND CHARGE | 1,353,649 | 0.17 | 0.16 |  |  | \$ 221,416 | 0.22 | 297,752 | 0.23 |  |  | \$ 311,339 | 35.3\% |
| REACTIVE DEMAND | 280,405 | 0.67 |  |  |  | \$ | \$ - | \$ - | \$ - |  |  | \$ |  |
| ENERGY CHARGE | 561,441,692 |  |  |  |  | \$ |  | \$ |  | \$ - | \$ - | \$ - |  |
| total revenue |  |  |  |  |  | \$ 221,416 |  | \$ 297,752 |  |  |  | \$ 311,339 |  |
|  |  |  |  |  |  | \$ - |  | \$ - |  |  |  | $(6,139)$ |  |

## Atlantic City Electric Company <br> Development of Proposed Distribution Rat <br> Rate Design Worksheet

Rate Schedule
Distribution Functional Revenue Requirements Total (w/o SUT)
Distribution Functional Revenue Requirements Total (w/ SUT)
$\underset{\text { GS SUB TRANSMISSION }}{\mathbf{\$} \quad 86,468}$
$\begin{array}{ll}\$ & 86,468 \\ \$ & 92,196\end{array}$

| BLOCK | 23 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Billing Determinants |  | Current Distribution Rates ncluding SUT) |  | Current Distribution Rates (w/o SUT) |
| CUSTOMER |  |  |  |  |  |
| <5000 KW | 353 | \$ | 131.75 |  |  |
| 5000-9000 KW | 48 | \$ | 4,363.57 |  |  |
| >9000 KW | 36 | \$ | 7,921.01 |  |  |
| demand charge |  |  |  |  |  |
| <5000 KW | 446,570 | \$ | 0.06 | \$ | 0.06 |
| 5000-9000 kW | 256,762 | \$ | 0.06 | \$ | 0.06 |
| >9000 KW | 356,245 | \$ | 0.06 | \$ | 0.06 |
| REACTIVE DEMAND |  |  |  |  |  |
| <5000 KW | 109,725 | \$ | 0.52 |  |  |
| $5000-9000 \mathrm{~kW}$ | 45,929 | \$ | 0.52 |  |  |
| >9000 KW | 54,314 | \$ | 0.52 |  |  |
| energy charge | 492,406,837 |  |  |  |  |

total revenue


## Atlantic City Electric Company Development of Proposed Distrib <br> Development of Proposed Distribution Rat <br> Rate Design Worksheet

Rate Schedule
Distribution Functional Revenue Requirements Total (w/o SUT)
Distribution Functional Revenue Requirements Total (w/ SUT)



Atlantic City Electric Company
Development of Proposed Distribution Rate
Rate Design Worksheet
Stand By Rate

Rate Schedule<br>MGS Secondary<br>MGS Primary<br>AGS Secondary<br>AGS Primary<br>TGS - Sub Transmission<br>TGS Transmission

|  | tes (\$/kW) Distribution | Standby Rates (\$/kW) Distribution |  | Distribution Standby Factor |
| :---: | :---: | :---: | :---: | :---: |
| \$ | 0.05 | \$ | 0.00 | 0.060975610 |
| \$ | 0.04 | \$ | 0.00 | 0.101604278 |
| \$ | 0.32 | \$ | 0.03 | 0.101604278 |
| \$ | 0.23 | \$ | 0.02 | 0.101604278 |
| \$ | - | \$ | - | 0.101604278 |
| \$ | - | \$ | - | 0.101604278 |


|  | Residential |  | MGS Secondary |  | MGS Primary |  | AGS Secondary |  | AGS Primary |  | Transmissi <br> on - <br> Subtransmi <br> ssion <br> 2020 BRC | Transmission |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Target Revenue per Cust |  |  |  |  |  |  |  |  |  |  |  |  |
| January | \$ | 46.86 | \$ | 128.50 | \$ | 1,328.32 | \$ | 1,704.00 | \$ | 10,267.92 | \$ 7,122.29 |  | 6,087.94 |
| February | \$ | 37.84 | \$ | 109.48 | \$ | 890.02 | \$ | 1,500.42 | \$ | 7,199.73 | \$ 7,218.40 |  | 6,216.92 |
| March | \$ | 34.42 | \$ | 106.48 | \$ | 1,522.94 | \$ | 1,467.76 | \$ | 8,589.02 | \$ 6,726.46 |  | 6,847.81 |
| April | \$ | 33.49 | \$ | 97.84 | \$ | 1,402.75 | \$ | 1,698.86 | \$ | 9,300.16 | \$ 7,292.32 |  | 5,469.98 |
| May | \$ | 29.07 | \$ | 82.83 | \$ | 898.43 | \$ | 1,449.87 | \$ | 7,895.16 | \$ 6,397.94 |  | 4,885.92 |
| June | \$ | 40.85 | \$ | 106.00 | \$ | 514.61 | \$ | 1,382.66 | \$ | 7,431.33 | \$ 6,671.81 |  | 5,294.86 |
| July | \$ | 76.62 | \$ | 161.83 | \$ | 1,490.90 | \$ | 1,821.55 | \$ | 10,032.08 | \$ 6,094.16 |  | 3,303.50 |
| August | \$ | 86.11 | \$ | 176.07 | \$ | 1,645.02 | \$ | 1,626.48 | \$ | 10,165.87 | \$ 7,507.71 |  | 6,735.38 |
| September | \$ | 69.34 | \$ | 164.06 | \$ | 1,356.51 | \$ | 1,675.24 | \$ | 9,051.34 | \$ 8,463.68 |  | 6,241.29 |
| October | \$ | 38.42 | \$ | 125.58 | \$ | 966.88 | \$ | 1,331.22 | \$ | 7,263.55 | \$ 6,769.87 |  | 5,221.53 |
| November | \$ | 30.97 | \$ | 103.05 | \$ | 1,825.66 | \$ | 1,622.41 | \$ | 8,256.11 | \$ 6,266.87 |  | 6,326.64 |
| December | \$ | 39.00 | \$ | 106.71 | \$ | 1,262.40 | \$ | 1,501.58 | \$ | 9,249.40 | \$ 3,133.71 |  | 5,778.75 |

## Schedule (TJP)-3

ATLANTIC CITY ELECTRIC COMPANY
8 WINTER MONTHS (October Through May)
Present Rates
vs.
Proposed Rates

| Monthly | Present Delivery |  | Present Supply+T |  | Present Total |  | New Delivery |  | New Supply+T |  | New <br> Total |  | Difference |  |  |  | Total |  | (\%) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Usage |  |  | $\frac{\text { Delivery }}{(\$)}$ |  |  |  | Supply+T | Difference |  |  |  |  |
| (kWh) |  | (\$) |  |  |  | (\$) |  |  |  | (\$) |  | (\$) |  | \$) |  | (\$) |  |  |  |  |  |
| 0 | \$ | 6.25 | \$ | - | \$ | 6.25 | \$ | 6.25 |  |  | \$ | - | \$ | 6.25 | \$ | - | \$ | - | \$ | - | 0.00\% |
| 25 | \$ | 8.52 | \$ | 2.79 | \$ | 11.31 | \$ | 8.53 | \$ | 2.79 | \$ | 11.32 | \$ | 0.01 | \$ | - | \$ | 0.01 | 0.09\% |
| 50 | \$ | 10.80 | \$ | 5.58 | \$ | 16.38 | \$ | 10.82 | \$ | 5.58 | \$ | 16.40 | \$ | 0.02 | \$ | - | \$ | 0.02 | 0.12\% |
| 75 | \$ | 13.07 | \$ | 8.38 | \$ | 21.45 | \$ | 13.10 | \$ | 8.38 | \$ | 21.48 | \$ | 0.03 | \$ | - | \$ | 0.03 | 0.14\% |
| 100 | \$ | 15.34 | \$ | 11.17 | \$ | 26.51 | \$ | 15.39 | \$ | 11.17 | \$ | 26.56 | \$ | 0.05 | \$ | - | \$ | 0.05 | 0.19\% |
| 150 | \$ | 19.89 | \$ | 16.75 | \$ | 36.64 | \$ | 19.95 | \$ | 16.75 | \$ | 36.70 | \$ | 0.06 | \$ | - | \$ | 0.06 | 0.16\% |
| 200 | \$ | 24.43 | \$ | 22.33 | \$ | 46.76 | \$ | 24.52 | \$ | 22.33 | \$ | 46.85 | \$ | 0.09 | \$ | - | \$ | 0.09 | 0.19\% |
| 250 | \$ | 28.98 | \$ | 27.92 | \$ | 56.90 | \$ | 29.09 | \$ | 27.92 | \$ | 57.01 | \$ | 0.11 | \$ | - | \$ | 0.11 | 0.19\% |
| 300 | \$ | 33.53 | \$ | 33.50 | \$ | 67.03 | \$ | 33.66 | \$ | 33.50 | \$ | 67.16 | \$ | 0.13 | \$ | - | \$ | 0.13 | 0.19\% |
| 350 | \$ | 38.07 | \$ | 39.08 | \$ | 77.15 | \$ | 38.23 | \$ | 39.08 | \$ | 77.31 | \$ | 0.16 | \$ | - | \$ | 0.16 | 0.21\% |
| 400 | \$ | 42.62 | \$ | 44.67 | \$ | 87.29 | \$ | 42.80 | \$ | 44.67 | \$ | 87.47 | \$ | 0.18 | \$ | - | \$ | 0.18 | 0.21\% |
| 450 | \$ | 47.16 | \$ | 50.25 | \$ | 97.41 | \$ | 47.36 | \$ | 50.25 | \$ | 97.61 | \$ | 0.20 | \$ | - | \$ | 0.20 | 0.21\% |
| 500 | \$ | 51.71 | \$ | 55.83 | \$ | 107.54 | \$ | 51.93 | \$ | 55.83 | \$ | 107.76 | \$ | 0.22 | \$ | - | \$ | 0.22 | 0.20\% |
| 600 | \$ | 60.80 | \$ | 67.00 | \$ | 127.80 | \$ | 61.07 | \$ | 67.00 | \$ | 128.07 | \$ | 0.27 | \$ | - | \$ | 0.27 | 0.21\% |
| 650 | \$ | 65.35 | \$ | 72.58 | \$ | 137.93 | \$ | 65.64 | \$ | 72.58 | \$ | 138.22 | \$ | 0.29 | \$ | - | \$ | 0.29 | 0.21\% |
| 680 | \$ | 68.08 | \$ | 75.93 | \$ | 144.01 | \$ | 68.38 | \$ | 75.93 | \$ | 144.31 | \$ | 0.30 | \$ | - | \$ | 0.30 | 0.21\% |
| 700 | \$ | 69.90 | \$ | 78.17 | \$ | 148.07 | \$ | 70.20 | \$ | 78.17 | \$ | 148.37 | \$ | 0.30 | \$ | - | \$ | 0.30 | 0.20\% |
| 750 | \$ | 74.44 | \$ | 83.75 | \$ | 158.19 | \$ | 74.77 | \$ | 83.75 | \$ | 158.52 | \$ | 0.33 | \$ | - | \$ | 0.33 | 0.21\% |
| 800 | \$ | 78.99 | \$ | 89.33 | \$ | 168.32 | \$ | 79.34 | \$ | 89.33 | \$ | 168.67 | \$ | 0.35 | \$ | - | \$ | 0.35 | 0.21\% |
| 900 | \$ | 88.08 | \$ | 100.50 | \$ | 188.58 | \$ | 88.48 | \$ | 100.50 | \$ | 188.98 | \$ | 0.40 | \$ | - | \$ | 0.40 | 0.21\% |
| 1000 | \$ | 97.17 | \$ | 111.67 | \$ | 208.84 | \$ | 97.61 | \$ | 111.67 | \$ | 209.28 | \$ | 0.44 | \$ | - | \$ | 0.44 | 0.21\% |
| 1200 | \$ | 115.36 | \$ | 134.00 | \$ | 249.36 | \$ | 115.89 | \$ | 134.00 | \$ | 249.89 | \$ | 0.53 | \$ | - | \$ | 0.53 | 0.21\% |
| 1500 | \$ | 142.63 | \$ | 167.50 | \$ | 310.13 | \$ | 143.30 | \$ | 167.50 | \$ | 310.80 | \$ | 0.67 | \$ | - | \$ | 0.67 | 0.22\% |
| 2000 | \$ | 188.09 | \$ | 223.34 | \$ | 411.43 | \$ | 188.98 | \$ | 223.34 | \$ | 412.32 | \$ | 0.89 | \$ | - | \$ | 0.89 | 0.22\% |
| 2500 | \$ | 233.56 | \$ | 279.17 | \$ | 512.73 | \$ | 234.66 | \$ | 279.17 | \$ | 513.83 | \$ | 1.10 | \$ | - | \$ | 1.10 | 0.21\% |
| 3000 | \$ | 279.02 | \$ | 335.00 | \$ | 614.02 | \$ | 280.34 | \$ | 335.00 | \$ | 615.34 | \$ | 1.32 | \$ | - | \$ | 1.32 | 0.21\% |
| 3500 | \$ | 324.48 | \$ | 390.84 | \$ | 715.32 | \$ | 326.02 | \$ | 390.84 | \$ | 716.86 | \$ | 1.54 | \$ | - | \$ | 1.54 | 0.22\% |
| 4000 | \$ | 369.94 | \$ | 446.67 | \$ | 816.61 | \$ | 371.71 | \$ | 446.67 | \$ | 818.38 | \$ | 1.77 | \$ | - | \$ | 1.77 | 0.22\% |

4 SUMMER MONTHS (June Through September)

## Present Rates <br> vs.

Proposed Rates

| Monthly | Present Delivery |  | Present Supply+T |  | Present Total |  | New Delivery |  | New Supply+T |  | New <br> Total |  | Difference |  |  |  | Total |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Usage |  |  | Delivery | Supply+T |  | Difference |  |  |  |  |  |  |
| (kWh) |  | (\$) |  |  |  | (\$) |  |  |  | (\$) |  | (\$) |  | (\$) |  | (\$) |  |  |  |  |  | ) |  |
| 0 | \$ | 6.25 | \$ | - |  |  | \$ | 6.25 | \$ | 6.25 | \$ | - | \$ | 6.25 | \$ | - | \$ | - | \$ | - | 0.00\% |
| 25 | \$ | 8.69 | \$ | 2.66 | \$ | 11.35 | \$ | 8.70 | \$ | 2.66 | \$ | 11.36 | \$ | 0.01 | \$ | - | \$ | 0.01 | 0.09\% |
| 50 | \$ | 11.12 | \$ | 5.32 | \$ | 16.44 | \$ | 11.15 | \$ | 5.32 | \$ | 16.47 | \$ | 0.03 | \$ | - | \$ | 0.03 | 0.18\% |
| 75 | \$ | 13.56 | \$ | 7.98 | \$ | 21.54 | \$ | 13.59 | \$ | 7.98 | \$ | 21.57 | \$ | 0.03 | \$ | - | \$ | 0.03 | 0.14\% |
| 100 | \$ | 16.00 | \$ | 10.65 | \$ | 26.65 | \$ | 16.04 | \$ | 10.65 | \$ | 26.69 | \$ | 0.04 | \$ | - | \$ | 0.04 | 0.15\% |
| 150 | \$ | 20.87 | \$ | 15.97 | \$ | 36.84 | \$ | 20.94 | \$ | 15.97 | \$ | 36.91 | \$ | 0.07 | \$ | - | \$ | 0.07 | 0.19\% |
| 200 | \$ | 25.75 | \$ | 21.29 | \$ | 47.04 | \$ | 25.83 | \$ | 21.29 | \$ | 47.12 | \$ | 0.08 | \$ | - | \$ | 0.08 | 0.17\% |
| 250 | \$ | 30.62 | \$ | 26.61 | \$ | 57.23 | \$ | 30.73 | \$ | 26.61 | \$ | 57.34 | \$ | 0.11 | \$ | - | \$ | 0.11 | 0.19\% |
| 300 | \$ | 35.49 | \$ | 31.94 | \$ | 67.43 | \$ | 35.63 | \$ | 31.94 | \$ | 67.57 | \$ | 0.14 | \$ | - | \$ | 0.14 | 0.21\% |
| 350 | \$ | 40.37 | \$ | 37.26 | \$ | 77.63 | \$ | 40.52 | \$ | 37.26 | \$ | 77.78 | \$ | 0.15 | \$ | - | \$ | 0.15 | 0.19\% |
| 400 | \$ | 45.24 | \$ | 42.58 | \$ | 87.82 | \$ | 45.42 | \$ | 42.58 | \$ | 88.00 | \$ | 0.18 | \$ | - | \$ | 0.18 | 0.20\% |
| 450 | \$ | 50.11 | \$ | 47.90 | \$ | 98.01 | \$ | 50.31 | \$ | 47.90 | \$ | 98.21 | \$ | 0.20 | \$ | - | \$ | 0.20 | 0.20\% |
| 500 | \$ | 54.99 | \$ | 53.23 | \$ | 108.22 | \$ | 55.21 | \$ | 53.23 | \$ | 108.44 | \$ | 0.22 | \$ | - | \$ | 0.22 | 0.20\% |
| 600 | \$ | 64.74 | \$ | 63.87 | \$ | 128.61 | \$ | 65.00 | \$ | 63.87 | \$ | 128.87 | \$ | 0.26 | \$ | - | \$ | 0.26 | 0.20\% |
| 650 | \$ | 69.61 | \$ | 69.19 | \$ | 138.80 | \$ | 69.90 | \$ | 69.19 | \$ | 139.09 | \$ | 0.29 | \$ | - | \$ | 0.29 | 0.21\% |
| 680 | \$ | 72.53 | \$ | 72.39 | \$ | 144.92 | \$ | 72.83 | \$ | 72.39 | \$ | 145.22 | \$ | 0.30 | \$ | - | \$ | 0.30 | 0.21\% |
| 700 | \$ | 74.48 | \$ | 74.52 | \$ | 149.00 | \$ | 74.79 | \$ | 74.52 | \$ | 149.31 | \$ | 0.31 | \$ | - | \$ | 0.31 | 0.21\% |
| 750 | \$ | 79.36 | \$ | 79.84 | \$ | 159.20 | \$ | 79.69 | \$ | 79.84 | \$ | 159.53 | \$ | 0.33 | \$ | - | \$ | 0.33 | 0.21\% |
| 800 | \$ | 84.86 | \$ | 85.66 | \$ | 170.52 | \$ | 85.22 | \$ | 85.66 | \$ | 170.88 | \$ | 0.36 | \$ | - | \$ | 0.36 | 0.21\% |
| 900 | \$ | 95.88 | \$ | 97.31 | \$ | 193.19 | \$ | 96.28 | \$ | 97.31 | \$ | 193.59 | \$ | 0.40 | \$ | - | \$ | 0.40 | 0.21\% |
| 1000 | \$ | 106.90 | \$ | 108.96 | \$ | 215.86 | \$ | 107.34 | \$ | 108.96 | \$ | 216.30 | \$ | 0.44 | \$ | - | \$ | 0.44 | 0.20\% |
| 1200 | \$ | 128.93 | \$ | 132.25 | \$ | 261.18 | \$ | 129.46 | \$ | 132.25 | \$ | 261.71 | \$ | 0.53 | \$ | - | \$ | 0.53 | 0.20\% |
| 1500 | \$ | 161.97 | \$ | 167.19 | \$ | 329.16 | \$ | 162.64 | \$ | 167.19 | \$ | 329.83 | \$ | 0.67 | \$ | - | \$ | 0.67 | 0.20\% |
| 2000 | \$ | 217.05 | \$ | 225.43 | \$ | 442.48 | \$ | 217.94 | \$ | 225.43 | \$ | 443.37 | \$ | 0.89 | \$ | - | \$ | 0.89 | 0.20\% |
| 2500 | \$ | 272.13 | \$ | 283.67 | \$ | 555.80 | \$ | 273.24 | \$ | 283.67 | \$ | 556.91 | \$ | 1.11 | \$ | - | \$ | 1.11 | 0.20\% |
| 3000 | \$ | 327.21 | \$ | 341.90 | \$ | 669.11 | \$ | 328.54 | \$ | 341.90 | \$ | 670.44 | \$ | 1.33 | \$ | - | \$ | 1.33 | 0.20\% |
| 3500 | \$ | 382.29 | \$ | 400.14 | \$ | 782.43 | \$ | 383.84 | \$ | 400.14 | \$ | 783.98 | \$ | 1.55 | \$ | - | \$ | 1.55 | 0.20\% |
| 4000 | \$ | 437.37 | \$ | 458.37 | \$ | 895.74 | \$ | 439.14 | \$ | 458.37 | \$ | 897.51 | \$ | 1.77 | \$ | - | \$ | 1.77 | 0.20\% |

Annual Average
Present Rates
vs.
Proposed Rates

| Monthly Usage | Present Delivery |  | Present Supply+T |  | Present Total |  | New <br> Delivery |  | New Supply+T |  | New <br> Total |  | Difference |  |  |  | Total |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | ery |  |  |  | +T |  |  |  |  |  |
| (kWh) |  | (\$) |  |  |  | (\$) |  |  |  | (\$) |  |  |  | (\$) |  | (\$) |  | (\$) |  |  |  |  |  | ) | (\%) |
| 0 | \$ | 6.25 | \$ | - | \$ | 6.25 | \$ | 6.25 | \$ | - | \$ | 6.25 | \$ | - | \$ | - | \$ | - | 0.00\% |
| 25 | \$ | 8.58 | \$ | 2.75 | \$ | 11.33 | \$ | 8.59 | \$ | 2.75 | \$ | 11.34 | \$ | 0.01 | \$ | - | \$ | 0.01 | 0.09\% |
| 50 | \$ | 10.91 | \$ | 5.49 | \$ | 16.40 | \$ | 10.93 | \$ | 5.49 | \$ | 16.42 | \$ | 0.02 | \$ | - | \$ | 0.02 | 0.12\% |
| 75 | \$ | 13.23 | \$ | 8.25 | \$ | 21.48 | \$ | 13.26 | \$ | 8.25 | \$ | 21.51 | \$ | 0.03 | \$ | - | \$ | 0.03 | 0.14\% |
| 100 | \$ | 15.56 | \$ | 11.00 | \$ | 26.56 | \$ | 15.61 | \$ | 11.00 | \$ | 26.61 | \$ | 0.05 | \$ | - | \$ | 0.05 | 0.19\% |
| 150 | \$ | 20.22 | \$ | 16.49 | \$ | 36.71 | \$ | 20.28 | \$ | 16.49 | \$ | 36.77 | \$ | 0.06 | \$ | - | \$ | 0.06 | 0.16\% |
| 200 | \$ | 24.87 | \$ | 21.98 | \$ | 46.85 | \$ | 24.96 | \$ | 21.98 | \$ | 46.94 | \$ | 0.09 | \$ | - | \$ | 0.09 | 0.19\% |
| 250 | \$ | 29.53 | \$ | 27.48 | \$ | 57.01 | \$ | 29.64 | \$ | 27.48 | \$ | 57.12 | \$ | 0.11 | \$ | - | \$ | 0.11 | 0.19\% |
| 300 | \$ | 34.18 | \$ | 32.98 | \$ | 67.16 | \$ | 34.32 | \$ | 32.98 | \$ | 67.30 | \$ | 0.14 | \$ | - | \$ | 0.14 | 0.21\% |
| 350 | \$ | 38.84 | \$ | 38.47 | \$ | 77.31 | \$ | 38.99 | \$ | 38.47 | \$ | 77.46 | \$ | 0.15 | \$ | - | \$ | 0.15 | 0.19\% |
| 400 | \$ | 43.49 | \$ | 43.97 | \$ | 87.46 | \$ | 43.67 | \$ | 43.97 | \$ | 87.64 | \$ | 0.18 | \$ | - | \$ | 0.18 | 0.21\% |
| 450 | \$ | 48.14 | \$ | 49.47 | \$ | 97.61 | \$ | 48.34 | \$ | 49.47 | \$ | 97.81 | \$ | 0.20 | \$ | - | \$ | 0.20 | 0.20\% |
| 500 | \$ | 52.80 | \$ | 54.96 | \$ | 107.76 | \$ | 53.02 | \$ | 54.96 | \$ | 107.98 | \$ | 0.22 | \$ | - | \$ | 0.22 | 0.20\% |
| 600 | \$ | 62.11 | \$ | 65.96 | \$ | 128.07 | \$ | 62.38 | \$ | 65.96 | \$ | 128.34 | \$ | 0.27 | \$ | - | \$ | 0.27 | 0.21\% |
| 650 | \$ | 66.77 | \$ | 71.45 | \$ | 138.22 | \$ | 67.06 | \$ | 71.45 | \$ | 138.51 | \$ | 0.29 | \$ | - | \$ | 0.29 | 0.21\% |
| 680 | \$ | 69.56 | \$ | 74.75 | \$ | 144.31 | \$ | 69.86 | \$ | 74.75 | \$ | 144.61 | \$ | 0.30 | \$ | - | \$ | 0.30 | 0.21\% |
| 700 | \$ | 71.43 | \$ | 76.95 | \$ | 148.38 | \$ | 71.73 | \$ | 76.95 | \$ | 148.68 | \$ | 0.30 | \$ | - | \$ | 0.30 | 0.20\% |
| 750 | \$ | 76.08 | \$ | 82.45 | \$ | 158.53 | \$ | 76.41 | \$ | 82.45 | \$ | 158.86 | \$ | 0.33 | \$ | - | \$ | 0.33 | 0.21\% |
| 800 | \$ | 80.95 | \$ | 88.11 | \$ | 169.06 | \$ | 81.30 | \$ | 88.11 | \$ | 169.41 | \$ | 0.35 | \$ | - | \$ | 0.35 | 0.21\% |
| 900 | \$ | 90.68 | \$ | 99.44 | \$ | 190.12 | \$ | 91.08 | \$ | 99.44 | \$ | 190.52 | \$ | 0.40 | \$ | - | \$ | 0.40 | 0.21\% |
| 1000 | \$ | 100.41 | \$ | 110.77 | \$ | 211.18 | \$ | 100.85 | \$ | 110.77 | \$ | 211.62 | \$ | 0.44 | \$ | - | \$ | 0.44 | 0.21\% |
| 1200 | \$ | 119.88 | \$ | 133.42 | \$ | 253.30 | \$ | 120.41 | \$ | 133.42 | \$ | 253.83 | \$ | 0.53 | \$ | - | \$ | 0.53 | 0.21\% |
| 1500 | \$ | 149.08 | \$ | 167.40 | \$ | 316.48 | \$ | 149.75 | \$ | 167.40 | \$ | 317.15 | \$ | 0.67 | \$ | - | \$ | 0.67 | 0.21\% |
| 2000 | \$ | 197.74 | \$ | 224.04 | \$ | 421.78 | \$ | 198.63 | \$ | 224.04 | \$ | 422.67 | \$ | 0.89 | \$ | - | \$ | 0.89 | 0.21\% |
| 2500 | \$ | 246.42 | \$ | 280.67 | \$ | 527.09 | \$ | 247.52 | \$ | 280.67 | \$ | 528.19 | \$ | 1.10 | \$ | - | \$ | 1.10 | 0.21\% |
| 3000 | \$ | 295.08 | \$ | 337.30 | \$ | 632.38 | \$ | 296.41 | \$ | 337.30 | \$ | 633.71 | \$ | 1.33 | \$ | - | \$ | 1.33 | 0.21\% |
| 3500 | \$ | 343.75 | \$ | 393.94 | \$ | 737.69 | \$ | 345.29 | \$ | 393.94 | \$ | 739.23 | \$ | 1.54 | \$ | - | \$ | 1.54 | 0.21\% |
| 4000 | \$ | 392.42 | \$ | 450.57 | \$ | 842.99 | \$ | 394.19 | \$ | 450.57 | \$ | 844.76 | \$ | 1.77 | \$ | - | \$ | 1.77 | 0.21\% |

MONTHLY GENERAL SERVICE SECONDARY ("MGS Secondary")
8 WINTER MONTHS (October Through May)


ATLANTIC CITY ELECTRIC COMPANY


ATLANTIC CITY ELECTRIC COMPANY

| ATLANTIC CITY ELECTRIC COMPANY MONTHLY GENERAL SERVICE SECONDARY ("MGS Secondary") Annual Average |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Present Rates <br> vs. <br> Proposed Rates |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Demand | $\begin{aligned} & \text { Load } \\ & \text { Factor } \\ & \hline \end{aligned}$ |  |  |  |  |  |  | resent tribution |  | Present <br> BGS and Other Charges |  | Present Total |  |  |  |  | New stribution |  | New BGS and Other Charges |  | New <br> Total |  | Difference stribution | Difference BGS and Other Charges |  | Total Difference | $\begin{gathered} \text { Total } \\ \text { Difference } \end{gathered}$ |
| (kW) | (\%) | (kWh) | Dist kW | Trans kW D | D Demand | D Energy |  | (\$) ${ }_{69.18}$ |  | (\$) ${ }^{7810}$ |  | (\$) |  | Demand | D Energy |  | (\$) |  | (\$) 7810 |  |  |  | (\$) | (\$) |  | (s) | (\%) |
| 5 | 20 | 730 | 5.00 |  |  | 42.70 | \$ | 69.18 | \$ | 78.10 | \$ | 147.28 |  | 14.63 | 42.98 | \$ | 69.52 | \$ | 78.10 | \$ | 147.62 | \$ | 0.34 | \$ - | \$ | 0.34 | 0.2\% |
| 5 | 30 | 1,095 | 5.00 | 2 | \$ 14.58 | 64.05 | \$ | 90.53 | \$ | 110.92 | \$ | 201.46 | \$ | 14.63 | 64.48 | \$ | 91.01 | \$ | 110.92 | \$ | 201.94 | \$ | 0.48 | \$ - | \$ | 0.48 | 0.2\% |
| 5 | 40 | 1,460 | 5.00 | 2 | \$ 14.58 | 85.40 | \$ | 111.88 | \$ | 143.75 | \$ | 255.63 | \$ | 14.63 | 85.97 | \$ | 112.50 | \$ | 143.75 | S | 256.25 | \$ | 0.62 | \$ - | \$ | 0.62 | 0.2\% |
| 5 | 50 | 1,825 | 5.00 | 2 | \$ 14.58 | 106.75 | \$ | 133.23 | \$ | 176.57 | \$ | 309.80 | \$ | 14.63 | 107.46 | \$ | 134.00 | \$ | 176.57 | \$ | 310.57 | \$ | 0.76 | \$ - | \$ | 0.76 | 0.2\% |
| 5 | 60 | 2,190 | 5.00 | 2 | \$ 14.58 | 128.10 | \$ | 154.58 | \$ | 209.40 | \$ | 363.98 | \$ | 14.63 | 128.95 | \$ | 155.49 | \$ | 209.40 | \$ | 364.88 | \$ | 0.91 | \$ - | \$ | 0.91 | 0.2\% |
| 5 | 70 | 2,555 | 5.00 | 2 | \$ 14.58 | 149.45 | \$ | 175.93 | \$ | 242.22 | \$ | 418.15 | \$ | 14.63 | 150.45 | \$ | 176.98 | \$ | 242.22 | \$ | 419.20 | \$ | 1.05 | \$ - | \$ | 1.05 | 0.3\% |
| 5 | 80 | 2,920 | 5.00 |  | \$ 14.58 | 170.80 | \$ | 197.28 | \$ | 275.04 | \$ | 472.33 | \$ | 14.63 | 171.94 | \$ | 198.47 | \$ | 275.04 | \$ | 473.52 | \$ | 1.19 | \$ - | \$ | 1.19 | 0.3\% |
| 10 | 20 | 1,460 | 10.00 | 7 | \$ 29.17 | 85.40 | \$ | 126.47 | \$ | 174.88 | \$ | 301.35 | \$ | 29.27 | 85.97 | \$ | 127.14 | \$ | 174.88 | \$ | 302.02 | \$ | 0.67 | \$ - | \$ | 0.67 | 0.2\% |
| 10 | 30 | 2,190 | 10.00 | 7 | \$ 29.17 | 128.10 | \$ | 169.16 | \$ | 240.53 | \$ | 409.69 | \$ | 29.27 | 128.95 | \$ | 170.12 | \$ | 240.53 | \$ | 410.65 | \$ | 0.96 | \$ - |  | 0.96 | 0.2\% |
| 10 | 40 | 2,920 | 10.00 | 7 | \$ 29.17 | 170.80 | \$ | 211.86 | \$ | 306.18 | \$ | 518.04 | \$ | 29.27 | 171.94 | + | 213.11 | \$ | 306.18 | \$ | 519.28 | \$ | 1.24 | \$ - | \$ | 1.24 | 0.2\% |
| 10 | 50 | 3,650 | 10.00 | 7 | \$ 29.17 | 213.50 | \$ | 254.56 | \$ | 371.83 | \$ | 626.39 |  | 29.27 | 214.92 | \$ | 256.09 | \$ | 371.83 | \$ | 627.92 | \$ | 1.53 | \$ - | \$ | 1.53 | 0.2\% |
| 10 | 60 | 4,380 | 10.00 | 7 | \$ 29.17 | 256.20 | \$ | 297.26 | \$ | 437.47 | \$ | 734.74 | \$ | 29.27 | 257.91 | S | 299.08 | \$ | 437.47 | \$ | 736.55 | \$ | 1.81 | \$ - | \$ | 1.81 | 0.2\% |
| 10 | 70 | 5,110 | 10.00 | 7 | \$ 29.17 | 298.90 | \$ | 339.96 | \$ | 503.12 | \$ | 843.08 | \$ | 29.27 | 300.89 | \$ | 342.06 | \$ | 503.12 | \$ | 845.18 | \$ | 2.10 | \$ - | \$ | 2.10 | 0.2\% |
| 10 | 80 | 5,840 | 10.00 |  | \$ 29.17 | 341.60 | \$ | 382.66 | \$ | 568.77 | \$ | 951.43 |  | 29.27 | 343.88 | \$ | 385.05 | \$ | 568.77 | \$ | 953.81 | \$ | 2.38 | \$ - | \$ | 2.38 | 0.3\% |
| 20 | 20 | 2,920 | 20.00 | 17 | \$ 58.33 | 170.80 | \$ | 241.03 | \$ | 368.44 | \$ | 609.48 | \$ | 58.53 | 171.94 | \$ | 242.37 | \$ | 368.44 | \$ | 610.82 | \$ | 1.34 | \$ - | \$ | 1.34 | 0.2\% |
| 20 | 30 | 4,380 | 20.00 | 17 | \$ 58.33 | 256.20 | \$ | 326.43 | \$ | 499.74 | \$ | 826.17 | \$ | 58.53 | 257.91 | \$ | 328.34 | \$ | 499.74 | \$ | 828.08 | \$ | 1.91 | \$ - | \$ | 1.91 | 0.2\% |
| 20 | 40 | 5,840 | 20.00 | 17 | \$ 58.33 | 341.60 | \$ | 411.83 | \$ | 631.03 | \$ | 1,042.86 | \$ | 58.53 | 343.88 | \$ | 414.31 | \$ | 631.03 | \$ | 1,045.35 | \$ | 2.48 | \$ - | \$ | 2.48 | 0.2\% |
| 20 | 50 | 7,300 | 20.00 | 17 | \$ 58.33 | 426.99 | \$ | 497.23 | \$ | 762.33 | \$ | 1,259.56 |  | 58.53 | 429.85 | \$ | 500.28 | \$ | 762.33 | \$ | 1,262.61 | \$ | 3.05 | \$ - | \$ | 3.05 | 0.2\% |
| 20 | 60 | 8,760 | 20.00 | 17 | \$ 58.33 | 512.39 | \$ | 582.63 | \$ | 893.63 | \$ | 1,476.25 |  | 58.53 | 515.82 | \$ | 586.25 | \$ | 893.63 |  | 1,479.88 |  | 3.63 | \$ - |  | 3.63 | 0.2\% |
| 20 | 70 | 10,220 | 20.00 | 17 | \$ 58.33 | 597.79 | \$ | 668.02 | \$ | 1,024.92 | \$ | 1,692.95 |  | 58.53 | 601.79 | \$ | 672.22 | \$ | 1,024.92 | + | 1,697.14 | \$ | 4.20 | \$ - | \$ | 4.20 | 0.2\% |
| 20 | 80 | 11,680 | 20.00 | 17 | \$ 58.33 | 683.19 | \$ | 753.42 | \$ | 1,156.22 | \$ | 1,909.64 |  | 58.53 | \$ 687.76 | \$ | 758.19 | \$ | 1,156.22 | \$ | 1,914.41 | \$ | 4.77 | \$ - | \$ | 4.77 | 0.2\% |
| 30 | 20 | 4,380 | 30.00 | 27 | \$ 87.50 | 256.20 | \$ | 355.60 | \$ | 562.01 | \$ | 917.60 |  | 87.80 | 257.91 | \$ | 357.61 | \$ | 562.01 | \$ | 919.62 | \$ | 2.01 | \$ - | \$ | 2.01 | 0.2\% |
| 30 | 30 | 6,570 | 30.00 | 27 | \$ 87.50 | 384.29 | \$ | 483.69 | \$ | 758.95 | \$ | 1,242.64 | \$ | 87.80 | 386.86 | \$ | 486.56 | \$ | 758.95 | \$ | 1,245.51 | \$ | 2.87 | \$ - | \$ | 2.87 | 0.2\% |
| 30 | 40 | 8,760 | 30.00 | 27 | \$ 87.50 | 512.39 | \$ | 611.79 | \$ | 955.89 | \$ | 1,567.69 | \$ | 87.80 | \$ 515.82 | \$ | 615.52 | \$ | 955.89 | \$ | 1,571.41 | \$ | 3.73 | \$ - | \$ | 3.73 | 0.2\% |
| 30 | 50 | 10,950 | 30.00 | 27 | \$ 87.50 | 640.49 | \$ | 739.89 | \$ | 1,152.84 | \$ | 1,892.73 |  | 87.80 | 644.77 | \$ | 744.47 | \$ | 1,152.84 | \$ | 1,897.31 | \$ | 4.58 | \$ - | \$ | 4.58 | 0.2\% |
| 30 | 60 | 13,140 | 30.00 | 27 | \$ 87.50 | 768.59 | \$ | 867.99 | \$ | 1,349.78 | \$ | 2,217.77 | \$ | 87.80 | 773.73 | \$ | 873.43 | \$ | 1,349.78 | \$ | 2,223.21 | \$ | 5.44 | \$ - | \$ | 5.44 | 0.2\% |
| 30 | 70 | 15,330 | 30.00 | 27 | \$ 87.50 | \$ 896.69 | \$ | 996.09 | \$ | 1,546.72 | \$ | 2,542.81 |  | 87.80 | \$ 902.68 | \$ | 1,002.38 | \$ | 1,546.72 | \$ | 2,549.10 | \$ | 6.29 | \$ - | \$ | 6.29 | 0.2\% |
| 30 | 80 | 17,520 | 30.00 | 27 | \$ 87.50 | \$ 1,024.79 | \$ | 1,124.19 | \$ | 1,743.66 | \$ | 2,867.85 | \$ | 87.80 | \$ 1,031.64 | \$ | 1,131.34 | \$ | 1,743.66 | \$ | 2,875.00 | \$ | 7.15 | \$ - | \$ | 7.15 | 0.2\% |
| 50 | 20 | 7,300 | 50.00 | 47 | \$145.83 | \$ 426.99 | \$ | 584.73 | \$ | 949.13 | \$ | 1,533.86 |  | 146.33 | \$ 429.85 | \$ | 588.08 | \$ | 949.13 | \$ | 1,537.21 | \$ | 3.35 | \$ | \$ | 3.35 | 0.2\% |
| 50 | 30 | 10,950 | 50.00 | 47 | \$145.83 | 640.49 | \$ | 798.22 | \$ | 1,277.37 | \$ | 2,075.59 |  | \$ 146.33 | 644.77 | \$ | 803.01 | \$ | 1,277.37 | \$ | 2,080.37 | \$ | 4.78 | \$ - |  | 4.78 | 0.2\% |
| 50 | 40 | 14,600 | 50.00 | 47 | \$145.83 | 853.99 | \$ | 1,011.72 | \$ | 1,605.61 | \$ | 2,617.33 |  | 146.33 | \$ 859.70 | \$ | 1,017.93 | \$ | 1,605.61 | \$ | 2,623.54 | \$ | 6.21 | \$ - | \$ | 6.21 | 0.2\% |
| 50 | 50 | 18,250 | 50.00 | 47 | \$145.83 | \$ 1,067.49 | \$ | 1,225.22 | \$ | 1,933.85 | \$ | 3,159.06 |  | \$ 146.33 | \$ 1,074.62 | \$ | 1,232.85 | \$ | 1,933.85 | \$ | 3,166.70 | \$ | 7.64 | \$ | \$ | 7.64 | 0.2\% |
| 50 | 60 | 21,900 | 50.00 | 47 | \$145.83 | \$ 1,280.98 | \$ | 1,438.72 | \$ | 2,262.08 | \$ | 3,700.80 |  | 146.33 | \$ 1,289.55 | \$ | 1,447.78 | \$ | 2,262.08 | + | 3,709.86 | \$ | 9.06 | \$ - | \$ | 9.06 | 0.2\% |
| 50 | 70 | 25,550 | 50.00 | 47 | \$145.83 | \$ 1,494.48 | \$ | 1,652.21 | \$ | 2,590.32 | \$ | 4,242.53 |  | 146.33 | \$ 1,504.47 | \$ | 1,662.70 | \$ | 2,590.32 | \$ | 4,253.02 | \$ | 10.49 | \$ - | \$ | 10.49 | 0.2\% |
| 50 | 80 | 29,200 | 50.00 | 47 | \$145.83 | \$ 1,707.98 | \$ | 1,865.71 | \$ | 2,918.56 | \$ | 4,784.27 |  | 146.33 | \$ 1,719.39 | \$ | 1,877.63 | \$ | 2,918.56 | \$ | 4,796.19 | \$ | 11.92 | \$ - | \$ | 11.92 | 0.2\% |
| 75 | 30 | 16,425 | 75.00 | 72 | \$218.75 | \$ 960.74 | \$ | 1,191.39 | \$ | 1,925.39 | \$ | 3,116.78 |  | \$ 219.50 | \$ 967.16 | \$ | 1,198.56 | \$ | 1,925.39 | \$ | 3,123.95 | \$ | 7.17 | \$ - | \$ | 7.17 | 0.2\% |
| 75 | 40 | 21,900 | 75.00 | 72 | \$218.75 | \$ 1,280.98 | \$ | 1,511.63 | \$ | 2,417.75 | \$ | 3,929.38 |  | 219.50 | \$ 1,289.55 | \$ | 1,520.95 | \$ | 2,417.75 | \$ | 3,938.70 | \$ | 9.31 | \$ - | \$ | 9.31 | 0.2\% |
| 75 | 50 | 27,375 | 75.00 | 72 | \$218.75 | \$ 1,601.23 | \$ | 1,831.88 | \$ | 2,910.11 | \$ | 4,741.99 |  | \$ 219.50 | \$ 1,611.93 | \$ | 1,843.33 | \$ | 2,910.11 | \$ | 4,753.44 | \$ | 11.45 | \$ - | \$ | 11.45 | 0.2\% |
| 75 | 60 | 32,850 | 75.00 | 72 | \$218.75 | \$ 1,921.47 | \$ | 2,152.12 | \$ | 3,402.47 | \$ | 5,554.59 |  | + 219.50 | \$ 1,934.32 | \$ | 2,165.72 | \$ | 3,402.47 | \$ | 5,568.18 | \$ | 13.59 | \$ - | \$ | 13.59 | 0.2\% |
| 75 | 70 | 38,325 | 75.00 | 72 | \$218.75 | \$ 2,241.72 | \$ | 2,472.37 | \$ | 3,894.82 | \$ | 6,367.19 |  | 219.50 | \$ 2,256.70 | \$ | 2,488.10 | \$ | 3,894.82 | \$ | 6,382.93 | \$ | 15.74 | \$ | \$ | 15.74 | 0.2\% |
| 75 | 80 | 43,800 | 75.00 | 72 | \$218.75 | \$ 2,561.96 | \$ | 2,792.61 | \$ | 4,387.18 | \$ | 7,179.80 |  | 219.50 | \$ 2,579.09 | \$ | 2,810.49 | \$ | 4,387.18 | \$ | 7,197.67 | \$ | 17.88 | \$ - | \$ | 17.88 | 0.2\% |
| 75 | 90 | 49,275 | 75.00 | 72 | \$218.75 | \$ 2,882.21 | \$ | 3,112.86 | \$ | 4,879.54 | \$ | 7,992.40 |  | 219.50 | \$ $2,901.48$ | \$ | 3,132.88 | \$ | 4,879.54 | \$ | 8,012.41 | \$ | 20.02 | \$ - | \$ | 20.02 | 0.3\% |
| 100 | 30 | 21,900 | 100.00 | 97 | \$291.67 | \$ 1,280.98 | \$ | 1,584.55 | \$ | 2,573.42 | \$ | 4,157.97 |  | \$ 292.67 | \$ 1,289.55 | \$ | 1,594.11 | \$ | 2,573.42 | \$ | 4,167.53 | \$ | 9.56 | \$ - | \$ | 9.56 | 0.2\% |
| 100 | 40 | 29,200 | 100.00 | 97 | \$ 291.67 | \$ 1,707.98 | \$ | 2,011.54 | \$ | 3,229.89 | \$ | 5,241.44 |  | \$ 292.67 | \$ 1,719.39 | \$ | 2,023.96 | \$ | 3,229.89 |  | 5,253.85 | \$ | 12.42 | \$ - | \$ | 12.42 | 0.2\% |
| 100 | 50 | 36,500 | 100.00 | 97 | \$ 291.67 | \$ 2,134.97 | \$ | 2,438.54 | \$ | 3,886.37 | \$ | 6,324.91 |  | \$ 292.67 | \$ 2,149.24 | \$ | 2,453.81 | \$ | 3,886.37 | \$ | 6,340.18 | \$ | 15.27 | \$ - |  | 15.27 | 0.2\% |
| 100 | 60 | 43,800 | 100.00 | 97 | \$ 291.67 | \$ 2,561.96 | \$ | 2,865.53 | \$ | 4,542.85 | \$ | 7,408.38 |  | \$ 292.67 | \$ 2,579.09 | \$ | 2,883.66 | \$ | 4,542.85 | \$ | 7,426.50 | \$ | 18.13 | \$ - | \$ | 18.13 | 0.2\% |
| 100 | 70 | 51,100 | 100.00 | 97 | \$ 291.67 | \$ 2,988.96 | \$ | 3,292.52 | \$ | 5,199.32 | \$ | 8,491.85 |  | \$ 292.67 | \$ 3,008.94 | \$ | 3,313.51 | \$ | 5,199.32 | \$ | 8,512.83 | \$ | 20.98 | \$ - | \$ | 20.98 | 0.2\% |
| 100 | 80 | 58,400 | 100.00 | 97 | \$291.67 | \$ 3,415.95 | \$ | 3,719.52 | \$ | 5,855.80 |  | 9,575.32 |  | \$ 292.67 | \$ 3,438.79 | \$ | 3,743,35 | \$ | 5,855.80 | \$ | 9,599.15 | \$ | 23.83 | \$ - | \$ | 23.83 | 0.2\% |
| 100 | 90 | 65,700 | 100.00 | 97 | \$291.67 | \$ 3,842.95 | \$ | 4,146.51 | \$ | 6,512.28 |  | 10,658.79 |  | \$292.67 | \$ 3,868.64 | \$ | 4,173.20 | \$ | 6,512.28 |  | 10,685.48 | \$ | 26.69 | \$ - | \$ | 26.69 | 0.3\% |
| 200 | 30 | 43,800 | 200.00 | 197 | \$583.33 | \$ $2,561.96$ | \$ | 3,157.20 | \$ | 5,165.51 | \$ | 8,322.71 |  | 585.33 | \$ 2,579.09 | \$ | 3,176.32 | \$ | 5,165.51 | \$ | 8,341.84 | \$ | 19.13 | \$ - | \$ | 19.13 | 0.2\% |
| 200 | 40 | 58,400 | 200.00 | 197 | \$583.33 | \$ 3,415.95 | \$ | 4,011.19 | \$ | 6,478.47 |  | 10,489.65 |  | 585.33 | \$ 3,438.79 | \$ | 4,036.02 | \$ | 6,478.47 |  | 10,514.49 | \$ | 24.83 | \$ - | \$ | ${ }^{24.83}$ | 0.2\% |
| 200 | 50 | 73,000 | 200.00 | 197 | \$583.33 | \$ 4,269.94 | \$ | 4,865.17 | \$ | 7,791.42 |  | 12,656.60 |  | 585.33 | \$ 4,298.48 | \$ | 4,895.72 | \$ | 7,791.42 |  | 12,687.14 | \$ | 30.54 | \$ - | \$ | 30.54 | 0.2\% |
| 200 | 60 | 87,600 | 200.00 | 197 | \$583.33 | \$ 5,123.93 | \$ | 5,719.16 | \$ | 9,104.38 |  | 14,823.54 |  | \$85.33 | \$ 5,158.18 | \$ | 5,755.41 | \$ | 9,104.38 |  | 14,859.79 | s | 36.25 | \$ - | \$ | 36.25 | 0.2\% |
| 200 | 70 | 102,200 | 200.00 | 197 | \$583.33 | \$ 5,977.92 | \$ | 6,573.15 | \$ | 10,417.33 |  | 16,990.48 |  | 585.33 | \$ 6,017.88 | \$ | 6,615.11 | \$ | 10,417.33 |  | 17,032.44 | \$ | 41.96 | \$ - | \$ | 41.96 | 0.2\% |
| 200 | 80 | 116,800 | 200.00 | 197 | \$583.33 | \$ 6,831.90 | \$ | 7,427.14 | \$ | 11,730.28 | \$ | 19,157.42 |  | 585.33 | \$ 6,877.57 | \$ | 7,474.81 | \$ | 11,730.28 |  | 19,205.09 | \$ | 47.67 | \$ - | \$ | 47.67 | 0.2\% |
| 200 | 90 | 131,400 | 200.00 | 197 | \$583.33 | \$ 7,685.89 | \$ | 8,281.13 | \$ | 13,043.24 |  | 21,324.36 |  | 585.33 | \$ 7,737.27 | S | 8,334.50 | \$ | 13,043.24 |  | 21,377.74 | \$ | 53.38 | \$ . | \$ | 53.38 | 0.3\% |

ATLANTIC CITY ELECTRIC COMPANY
MONTHLY GENERAL SEVIIE PRIMARY ("MG SPrimary")
8 WINTER MONTHS (October Through May)


ATLANTIC CITY ELECTRIC COMPANY
MONTHLY GENERAL SERVICE PRIMARY ("MGS Primary")
4 SUMMER MONTHS (June Through September)


ATLANTIC CITY ELECTRIC COMPANY
Y GENERAL SERVICE PRIMARY ("MGS Primary")
Annual Average
Annual Average
Present Rates


INTER MONTHS (October Through May)
es $\underset{\substack{\text { Present } \\ \text { Total }}}{\text { Proposed Rates }}$




Distribution $\quad$| BGS and $\begin{array}{c}\text { New } \\ \text { Ner Charges }\end{array}$ |
| :---: |

New
Total
Difference
Distribution
BGS and Oterence $\quad \begin{gathered}\text { Total }\end{gathered} \begin{gathered}\text { Total } \\ \text { Differger }\end{gathered}$

ATLANTIC CITY ELECTRIC COMPANY
GENERAL SERIICE SECONDARY
UAL GENERAL SERVICE SECONDARY ("AGS Secondary")
4 SUMMER MONTHS (June Through September)



Present Rates

atLantic city electric company
NNUAL GEAERAL SERVIEC PRIMARY Y"AGS Primar"")
4 SUMMER MONTHS (June Through September)



## Schedule (TJP)-4

Clean

## RIDER IIP <br> Infrastructure Investment Program

## APPLICABILITY:

This rider is applicable to Rate Schedules RS, MGS Secondary, MGS Primary, AGS Secondary, AGS Primary, TGS, DDC, SPL and CSL, and Rider STB.

This charge provides for the full and timely recovery of revenue requirements associated with the Infrastructure Investment Program ("IIP") projects subject to the IIP recovery rules, codified at N.J.A.C. 14:3-2A. 1 et seq., as approved by the New Jersey Board of Public Utilities.

The following table provides the rates for the IIP, including ("SUT"). For billing presentation purposes these rates are to be added to the base distribution rates for each Rate Schedule. This applies to the distribution charges for the Rate Schedules on the following Tariff Sheets: 5, 11, 14, 17, 19, 29, 29a, 31, 36, 37,37a, 40, and 44. These rates are subject to all other applicable charges and taxes in accordance with the underlying rate schedule's distribution rates.

| RATE | IIP |  |
| :---: | :---: | :---: |
| SCHEDULE | Rate | Billing Units |
| RS | \$ 0.001724 | Per kWh |
| MGS Secondary | $\begin{aligned} & \$ 0.05 \\ & \$ 0.001486 \end{aligned}$ | Per kW Per kWh |
| MGS Primary | $\begin{aligned} & \$ 0.04 \\ & \$ 0.000997 \end{aligned}$ | Per kW Per kWh |
| AGS Secondary | \$ 0.32 | Per kW |
| AGS Primary | \$ 0.23 | Per kW |
| TGS Sub Transmission | \$ 0.09 | Per kW |
| TGS Transmission | \$ 0.05 | Per kW |
| SPL/CSL | \$ 0.35 Per lamp per month |  |
| DDC |  |  |
| Service and Demand (per day per connection) | \$ 0.003732 |  |
| Energy (per day for each kW of effective load) | \$ 0.017975 |  |
| RIDER STB |  |  |
| MGS Secondary | \$ 0.00 | Per kW |
| MGS Primary | \$ 0.00 | Per kW |
| AGS Secondary | \$ 0.03 | Per kW |
| AGS Primary | \$ 0.02 | Per kW |
| TGS - Sub Transmission | \$ 0.00 | Per kW |
| TGS - Transmission | \$ 0.00 | Per kW |

## RIDER CIP (continued) <br> CONSERVATION INCENTIVE PROGRAM RECOVERY CHARGE

## 1. Baseline Revenue per Customer

- The Baseline Revenue per Customer shall be stated in dollars per customer on a monthly basis for each of the Rate Schedules, to which the CIP applies. The Baseline Revenue per Customer shall be calculated as the current variable margin revenue per rate schedule, including any revenue from PowerAhead and Infrastructure Investment Program rate adjustments, divided by the number of customers from the most recent approved base rate case for the rate schedule.

Baseline revenues shall include Distribution Kilowatt-hour and Distribution Kilowatt charges and shall not include the customer charge and any non-base rate charges such as the Societal Benefits, Non-Utility Generation Charge, RGGI, Securitization, or the ZEC Charges.

The table below summaries the Board approved monthly Baseline Revenue per customer:

|  | RS | MGSS | MGSP | AGSS | AGSP | TGSS | TGS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Jan | \$ 46.86 | \$ 128.50 | \$ 1,328.32 | \$ 1,704.00 | \$10,267.92 | \$ 7,122.29 | \$ 6,087.94 |
| Feb | \$ 37.84 | \$ 109.48 | \$ 890.02 | \$ 1,500.42 | \$ 7,199.73 | \$ 7,218.40 | \$ 6,216.92 |
| Mar | \$ 34.42 | \$ 106.48 | \$ 1,522.94 | \$ 1,467.76 | \$ 8,589.02 | \$ 6,726.46 | \$ 6,847.81 |
| Apr | \$ 33.49 | \$ 97.84 | \$ 1,402.75 | \$ 1,698.86 | \$ 9,300.16 | \$ 7,292.32 | \$ 5,469.98 |
| May | \$ 29.07 | \$ 82.83 | \$ 898.43 | \$ 1,449.87 | \$ 7,895.16 | \$ 6,397.94 | \$ 4,885.92 |
| June | \$ 40.85 | \$ 106.00 | \$ 514.61 | \$ 1,382.66 | \$ 7,431.33 | \$ 6,671.81 | \$ 5,294.86 |
| July | \$ 76.62 | \$ 161.83 | \$ 1,490.90 | \$ 1,821.55 | \$10,032.08 | \$ 6,094.16 | \$ 3,303.50 |
| Aug | \$ 86.11 | \$ 176.07 | \$ 1,645.02 | \$ 1,626.48 | \$10,165.87 | \$ 7,507.71 | \$ 6,735.38 |
| Sept | \$ 69.34 | \$ 164.06 | \$ 1,356.51 | \$ 1,675.24 | \$ 9,051.34 | \$ 8,463.68 | \$ 6,241.29 |
| Oct | \$ 38.42 | \$ 125.58 | \$ 966.88 | \$ 1,331.22 | \$ 7,263.55 | \$ 6,769.87 | \$ 5,221.53 |
| Nov | \$ 30.97 | \$ 103.05 | \$ 1,825.66 | \$ 1,622.41 | \$ 8,256.11 | \$ 6,266.87 | \$ 6,326.64 |
| Dec | \$ 39.00 | \$ 106.71 | \$ 1,262.40 | \$ 1,501.58 | \$ 9,249.40 | \$ 3,133.71 | \$ 5,778.75 |

## 2. Forecast Annual Usage

- The Forecast Annual Usage shall be the projected total annual Kilowatt-hour sales or Kilowatt demand for all customers within the applicable Rate Schedules. The Forecasted Annual Usage shall be estimated based on normal weather.


## 3. Cooling and Heating Degree Days ("CDD" \& "HDD")

- CDD are the difference between $65^{\circ} \mathrm{F}$ and the mean daily temperature. The mean daily temperature is the simple average of the 24-hourly temperature observations for a day. HDD are used to measure the difference between $35^{\circ} \mathrm{F}$ and the mean daily temperature during winter weather.


## 4. Actual Calendar Month CDD and HDD

- The accumulation of the actual CDD and HDD for each day of a calendar month.


## 5. Normal Calendar Month CDD and HDD

- The level of calendar month CDD and HDD, to which the weather portion of this CIP applies. The normal calendar month CDD and HDD will be based on the twenty-year average of the National Oceanic and Atmospheric Administration (NOAA) First Order Weather Observation Station hourly observations at the Atlantic City Airport and will be updated annually. The base level of normal CDD and HDD for the defined winter and summer period months for the 2021 Periods are set forth in the table below:


## Schedule (TJP)-4 Redlined

## RIDER IIP <br> Infrastructure Investment Program

## APPLICABILITY:

This rider is applicable to Rate Schedules RS, MGS Secondary, MGS Primary, AGS Secondary, AGS Primary, TGS, DDC, SPL and CSL, and Rider STB.

This charge provides for the full and timely recovery of revenue requirements associated with the Infrastructure Investment Program ("IIP") projects subject to the IIP recovery rules, codified at N.J.A.C. 14:3-2A. 1 et seq., as approved by the New Jersey Board of Public Utilities.

The following table provides the rates for the IIP, including ("SUT"). For billing presentation purposes these rates are to be added to the base distribution rates for each Rate Schedule. This applies to the distribution charges for the Rate Schedules on the following Tariff Sheets: 5, 11, 14, 17, 19, 29, 29a, 31, 36, 37,37a, 40, and 44. These rates are subject to all other applicable charges and taxes in accordance with the underlying rate schedule's distribution rates.
RATE
SCHEDULE
RS
MGS Secondary
MGS Primary
AGS Secondary
AGS Primary
TGS Sub Transmission
TGS Transmission
SPL/CSL
DDC
Service and Demand (per day per connection)
Energy (per day for each kW of effective load)

|  | Billing Units |
| :---: | :---: |
| \$ 0.001282001724 | 724 Per kWh |
| \$ 0.0405 | Per kW |
| \$ $0.001095 \underline{001486}$ | 486 Per kWh |
| \$ 0.0304 | Per kW |
| \$ 0.000758000997 | 997 Per kWh |
| \$ 0.2432 | Per kW |
| \$ $0.17 \underline{23}$ | Per kW |
| \$ $0.06 \underline{09}$ | Per kW |
| \$ $0.04 \underline{05}$ | Per kW |
| \$ 0.2735 Per lamp per month |  |

\$ 0.002775003732
\$ $0.013367 \underline{017975}$
RIDER STB
MGS Secondary $\$ 0.00$ Per kW
MGS Primary $\$ 0.00$ Per kW
AGS Secondary
AGS Primary
TGS - Sub Transmission
\$ 0.0203
Per kW
\$ 0.02
Per kW

TGS - Transmission

# RIDER CIP (continued) <br> CONSERVATION INCENTIVE PROGRAM RECOVERY CHARGE 

## 1. Baseline Revenue per Customer

- The Baseline Revenue per Customer shall be stated in dollars per customer on a monthly basis for each of the Rate Schedules, to which the CIP applies. The Baseline Revenue per Customer shall be calculated as the current variable margin revenue per rate schedule, including any revenue from PowerAhead and Infrastructure Investment Program rate adjustments, divided by the number of customers from the most recent approved base rate case for the rate schedule.

Baseline revenues shall include Distribution Kilowatt-hour and Distribution Kilowatt charges and shall not include the customer charge and any non-base rate charges such as the Societal Benefits, Non-Utility Generation Charge, RGGI, Securitization, or the ZEC Charges.

The table below summaries the Board approved monthly Baseline Revenue per customer:

|  | RS | MGSS | MGSP | AGSS | AGSP | TGSS | TGS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Jan | $\begin{gathered} \$ \\ 46.5686 \end{gathered}$ | $\begin{aligned} & \$ \\ & 127.671 \\ & \underline{28.50} \end{aligned}$ | $\begin{aligned} & \$ \\ & 1,321.70328 \\ & .32 \end{aligned}$ | $\begin{aligned} & \$ \\ & 1,693.56 \underline{1} \\ & \underline{04.00} \end{aligned}$ | $\begin{aligned} & \$ 10,202.91 \\ & \underline{267.92} \end{aligned}$ | $\begin{gathered} -\$ \\ 7,067.00122 \\ .29 \end{gathered}$ | $\begin{gathered} \$ 6,053.22 \\ \underline{087.94} \end{gathered}$ |
| Feb | $\begin{gathered} \$ \\ 37.6084 \end{gathered}$ | $\begin{aligned} & \overline{\$ 108.771} \\ & \underline{09.48} \end{aligned}$ | $\begin{aligned} & \$ \\ & 885.59890 \\ & .02 \end{aligned}$ | $\begin{aligned} & \overline{\$} \\ & 1,491.22 \underline{5} \\ & \underline{00.42} \end{aligned}$ | $\begin{gathered} \$ \\ 7,154.1419 \\ \underline{9.73} \end{gathered}$ | $\begin{gathered} -\$ 7,162.54 \\ \underline{218.40} \end{gathered}$ | $\begin{gathered} -\$ 6,182.00 \\ \underline{216.92} \end{gathered}$ |
| Mar | $\begin{gathered} \$ \\ 34.2042 \end{gathered}$ | $\begin{aligned} & \$ \\ & 105.791 \\ & 06.48 \end{aligned}$ | $\begin{gathered} \$ \\ 1,515.35 \underline{5} \\ 22.94 \end{gathered}$ | $\begin{aligned} & \$ \\ & 1,458.77 \underline{4} \\ & \underline{67.76} \end{aligned}$ | $\begin{gathered} \overline{\$} \\ 8,534.6358 \\ \underline{9.02} \end{gathered}$ | $\begin{gathered} -\$ 6,674.35 \\ 726.46 \\ \hline \end{gathered}$ | $\begin{gathered} \$ \\ 6,790.3484 \\ \underline{7.81} \end{gathered}$ |
| Apr | $\begin{gathered} \$ \\ 33.2749 \end{gathered}$ | $\begin{gathered} \$ \\ 97.2184 \end{gathered}$ | $\begin{gathered} \frac{\$}{1,395.764} \\ \underline{02.75} \end{gathered}$ | $\begin{aligned} & \$ \\ & 1,688.45 \underline{6} \\ & \underline{98.86} \end{aligned}$ | $\begin{gathered} \overline{\$} \\ 9,241.27 \underline{30} \\ \underline{0.16} \end{gathered}$ | $\begin{gathered} \$ 7,236.19 \\ \underline{292.32} \end{gathered}$ | $\begin{gathered} \$ 5,436.86 \\ 469.98 \\ \hline \end{gathered}$ |
| May | $\begin{gathered} \$ \\ 28.88 \underline{29} \\ \underline{07} \end{gathered}$ | $\begin{aligned} & \$ \\ & 82.3083 \end{aligned}$ | $\begin{aligned} & \$ \\ & 893.95898 \\ & .43 \end{aligned}$ | $\begin{aligned} & \$ \\ & 1,440.984 \\ & 49.87 \end{aligned}$ | $\begin{gathered} \$ \\ 7,845.1789 \\ \underline{5.16} \end{gathered}$ | $\begin{gathered} -\$ 6,347.33 \\ 397.94 \\ \hline \end{gathered}$ | $\begin{gathered} -\$ 4,867.35 \\ 885.92 \\ \hline \end{gathered}$ |
| June | $\begin{gathered} \$ \\ 40.6085 \end{gathered}$ | $\begin{aligned} & \$ \\ & 105.371 \\ & \underline{06.00} \end{aligned}$ | $\begin{aligned} & \$ \\ & 512.13514 \\ & .61 \end{aligned}$ | $\begin{aligned} & \overline{\$} \\ & 1,374.18 \underline{3} \\ & \underline{82.66} \end{aligned}$ | $\begin{gathered} \overline{\$} \\ 7,384.2843 \\ \underline{1.33} \end{gathered}$ | $\begin{gathered} -\$ 6,619.16 \\ \underline{671.81} \end{gathered}$ | $\begin{gathered} -\$ 5,263.43 \\ 294.86 \\ \hline \end{gathered}$ |
| July | $\begin{gathered} \$ \\ 76.19 \underline{62} \end{gathered}$ | $\begin{aligned} & \overline{\$} \\ & 160.921 \\ & 61.83 \end{aligned}$ | $\begin{gathered} \$ \\ 1,483.914 \\ \underline{90.90} \end{gathered}$ | $\begin{aligned} & \overline{\$} \\ & 1,810.388 \\ & \underline{21.55} \end{aligned}$ | $\begin{gathered} \overline{\$} \\ 9,968.5510, \\ \underline{032.08} \end{gathered}$ | $\begin{gathered} -\$ 6,045.33 \\ \underline{094.16} \end{gathered}$ | $\begin{gathered} -\$ 3,282.03 \\ \underline{303.50} \\ \hline \end{gathered}$ |
| Aug | $\begin{gathered} \$ \\ 85.6486 . \\ \underline{11} \end{gathered}$ | $\begin{aligned} & \$ \\ & 175176 . \\ & 07 \end{aligned}$ | $\begin{gathered} \$ \\ 1,637.306 \\ \underline{45.02} \end{gathered}$ | $\begin{aligned} & \$ \\ & 1,616.51 \underline{6} \\ & 26.48 \end{aligned}$ | $\begin{gathered} \$ 1 \overline{0,101.50} \\ \underline{165.87} \end{gathered}$ | $\begin{gathered} -\$ 7,447.82 \\ \underline{507.71} \end{gathered}$ | $\begin{gathered} -\$ 6,705.79 \\ 735.38 \\ \hline \end{gathered}$ |
| Sept | $\begin{gathered} \overline{\$} \\ 68.9669 . \\ \underline{34} \end{gathered}$ | $\begin{aligned} & \$ \\ & 163.131 \\ & \underline{64.06} \end{aligned}$ | $\begin{gathered} \$ \$ \\ 1,350.123 \\ \underline{56.51} \end{gathered}$ | $\begin{aligned} & \hline \$ \\ & 1,664.97 \underline{6} \\ & \underline{75.24} \end{aligned}$ | $\begin{gathered} \$ \\ 8,994.039,0 \\ \underline{51.34} \end{gathered}$ | $\begin{gathered} -\$ 8,399.49 \\ 463.68 \\ \hline \end{gathered}$ | $\begin{gathered} -\$ 6,212.86 \\ \underline{241.29} \end{gathered}$ |
| Oct | $\begin{gathered} \overline{\$} \\ 38.1842 \end{gathered}$ | $\begin{aligned} & \$ \\ & 124.821 \\ & \underline{25.58} \end{aligned}$ | $\begin{aligned} & \$ \\ & 962.18966 \\ & .88 \end{aligned}$ | $\begin{aligned} & \$ \\ & 1,323.063 \\ & 31.22 \end{aligned}$ | $\begin{gathered} \$ \\ 7,217.5626 \\ \underline{3.55} \end{gathered}$ | $\begin{gathered} -\$ 6,716.53 \\ 769.87 \\ \hline \end{gathered}$ | $\begin{gathered} -\$ 5,197.65 \\ \underline{221.53} \end{gathered}$ |
| Nov | $\begin{gathered} \$ \\ 30.7797 \end{gathered}$ | $\begin{aligned} & \overline{\$} \\ & 102.391 \\ & 03.05 \end{aligned}$ | $\begin{gathered} \$ \\ 1,816.55 \underline{8} \\ \underline{25.66} \end{gathered}$ | $\begin{aligned} & \overline{\$} \\ & 1,612.46 \underline{6} \\ & 22.41 \end{aligned}$ | $\begin{gathered} \overline{\$} \\ 8,203.8425 \\ \underline{6.11} \end{gathered}$ | $\begin{gathered} \$ 6,217.44 \\ 266.87 \end{gathered}$ | $\begin{gathered} \$ 6,269.77 \\ \underline{326.64} \\ \hline \end{gathered}$ |
| Dec | $\begin{gathered} \$ \\ 38.7539 . \\ \underline{00} \end{gathered}$ | $\begin{gathered} \$ \\ 106.02 \underline{1} \\ 1 \end{gathered}$ | $\begin{aligned} & \$ \\ & 1,256.102 \\ & 62.40 \end{aligned}$ | $\begin{aligned} & \overline{\$} \\ & 1,492.37 \underline{5} \\ & \underline{01.58} \end{aligned}$ | $\begin{gathered} \overline{\$} \\ 9,190.8424 \\ \underline{9.40} \end{gathered}$ | $\begin{gathered} \$ 3,103.75 \\ 133.71 \\ \hline \end{gathered}$ | $\begin{gathered} -\$ 5,746.35 \\ 778.75 \\ \hline \end{gathered}$ |

## 2. Forecast Annual Usage

- The Forecast Annual Usage shall be the projected total annual Kilowatt-hour sales or Kilowatt demand for all customers within the applicable Rate Schedules. The Forecasted Annual Usage shall be estimated based on normal weather.

3. Cooling and Heating Degree Days ("CDD" \& "HDD")

- CDD are the difference between $65^{\circ} \mathrm{F}$ and the mean daily temperature. The mean daily temperature is the simple average of the 24 -hourly temperature observations for a day. HDD are used to measure the difference between $35^{\circ} \mathrm{F}$ and the mean daily temperature during winter weather.

4. Actual Calendar Month CDD and HDD

- The accumulation of the actual CDD and HDD for each day of a calendar month.


## 5. Normal Calendar Month CDD and HDD

- The level of calendar month CDD and HDD, to which the weather portion of this CIP applies. The normal calendar month CDD and HDD will be based on the twenty-year average of the National Oceanic and Atmospheric Administration (NOAA) First Order Weather Observation Station hourly observations at the Atlantic City Airport and will be updated annually. The base level of normal CDD and HDD for the defined winter and summer period months for the 2021 Periods are set forth in the table below:


## Date of Issue:-December 19, 2022

Effective Date: January 1, 2023
Issued by: J. Tyler Anthony, President and Chief Executive-Officer-Atlantic City Electric Company Filed pursuant to Board of Public Utilities of the State of New Jersey directives associated with the BPU
Docket No. ER22070463Issued by:

## IN THE MATTER OF THE PETITION OF ATLANTIC CITY ELECTRIC COMPANY FOR APPROVAL OF RATE ADJUSTMENTS PURSUANT TO ITS INFRASTRUCTURE INVESTMENT PROGRAM (05/2023)

## STATE OF NEW JERSEY <br> BOARD OF PUBLIC UTILITIES

## CERTIFICATION OF SERVICE

PHILIP J. PASSANANTE, of full age, certifies as follows:

1. I am an attorney at law of the State of New Jersey and am Assistant General Counsel to Atlantic City Electric Company, the Petitioner in the within matter, with which I am familiar.
2. I hereby certify that, on May 1, 2023, I caused the within Petition and supporting testimony and schedules thereto to be filed with the New Jersey Board of Public Utilities (the "Board" or "BPU") through its eFiling Portal. I also caused an electronic copy to be sent to the Board Secretary's office at board.secretary@bpu.state.nj.us.
3. I further certify that, on May 1, 2023, I caused a complete copy of the Petition and supporting testimony and schedules thereto to be sent by electronic mail to each of the parties listed in the attached Service List. This is consistent with the Order issued by the Board in connection with In the Matter of the New Jersey Board of Public Utilities' Response to the COVID19 Pandemic for a Temporary Waiver of Requirements for Certain Non-Essential Obligations, BPU Docket No. EO20030254 (March 19, 2020).
4. I further and finally certify that the foregoing statements made by me are true. I am aware that, if any of the foregoing statements made by me are willfully false, I am subject to punishment.

Dated: May 1, 2023


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(302) 429-3801 - Facsimile
philip.passanante@pepcoholdings.com

I/M/O the Petition of Atlantic City Electric Company for Approval of Electric Base Rate Adjustments Pursuant to Its Infrastructure Investment Program (05/2023)

BPU Docket No. ER23050272

## Service List

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[^0]:    ${ }^{1}$ See I/M/O the Petition of Atlantic City Electric Company for Approval of an Infrastructure Investment Program, and Related Cost Recovery Mechanism Pursuant to N.J.A.C. 14:3-2A.1 et seq., BPU Docket No. EO18020196, Decision and Order Approving Stipulation of Settlement (dated April 18, 2019) and Order Modifying Stipulation (dated November 13, 2019).

[^1]:    ${ }^{1}$ This Petition is being submitted under Certification in lieu of an Affidavit of Verification. The individual executing the Certification is an officer of the Company.
    ${ }^{2}$ See I/M/O the Merger of Exelon Corporation and Pepco Holdings, Inc., BPU Docket No. EM14060581, Order Approving Stipulation of Settlement (dated March 6, 2015). The merger of Exelon and PHI closed on March 23, 2016.

[^2]:    ${ }^{3}$ See I/M/O the Petition of Atlantic City Electric Company for Approval of an Infrastructure Investment Program, and Related Cost Recovery Mechanism Pursuant to N.J.A.C. 14:3-2A.1 et seq., BPU Docket No. EO18020196, Decision and Order Approving Stipulation of Settlement (dated April 18, 2019).
    ${ }^{4}$ See 2019 ACE IIP Stipulation, Exhibit C.
    ${ }^{5}$ See I/M/O the Petition of Atlantic City Electric Company for Approval of an Infrastructure Investment Program, and Related Cost Recovery Mechanism Pursuant to N.J.A.C. 14:3-2A.1 et seq., BPU Docket No. EO18020196, Order Modifying Stipulation (dated November 13, 2019). The Board's Order Modifying Stipulation also required the Company to hire an independent monitor, which was completed on March 2, 2020.
    ${ }^{6}$ See I/M/O the Petition of Atlantic City Electric Company for Approval of Electric Base Rate Adjustments Pursuant to Its Infrastructure Investment Program (11/2021), BPU Docket No. ER21111206, Decision and Order Approving Stipulation (dated March 23, 2022). The $\$ 17,000,000$ in total ACE IIP investments sought to be recovered was comprised of actual investments placed into service during the period January 1, 2021 through September 30, 2022, and forecasted investments anticipated to be placed into service during the period October 1, 2021 through December 31, 2021. As described in the Petition, the matter was updated to actuals on January 21, 2022.

[^3]:    ${ }^{7}$ The 2019 ACE IIP Stipulation was filed with the Board on April 15, 2019.
    ${ }^{8}$ See ACE IIP Stipulation, $\mathbb{1} 9$. Note that the Company did not make a true-up filing in November 2022 because it was unable to meet the $\$ 9.6$ million filing threshold. That is why the instant filing covers an 18 month period. It will be the final ACE IIP true-up filing contemplated under the 2019 ACE IIP Order and the Order Modifying Stipulation.

[^4]:    ${ }^{9}$ Id.
    ${ }^{10}$ See I/M/O the Petition of Atlantic City Electric Company for Approval of Amendments to its Tariff to Provide for an Increase in Rates and Charges for Electric Service Pursuant to N.J.S.A. 48:2-21 and 48:2-21.1, and for other Appropriate Relief (8/2018), BPU Docket No. 18080925, Decision and Order Adopting Initial Decision and Stipulation of Settlement (dated March 13, 2019), at 3.
    ${ }^{11}$ See I/M/O the Petition of Atlantic City Electric Company for Approval of Amendments to Its Tariff to Provide for an Increase in Rates and Charges for Electric Service Pursuant to N.J.S.A. 48:2-21 and N.J.S.A. 48:2-21.1, and for Other Appropriate Relief (12/2020), BPU Docket No. ER20120746.
    ${ }^{12}$ See In the Matter of the Petition of Atlantic City Electric Company for Approval of Amendments to Its Tariff to Provide for an Increase in Rates and Charges for Electric Service Pursuant to N.J.S.A. 48:2-21 and N.J.S.A. 48:221.1, and for Other Appropriate Relief (2023), BPU Docket No. ER23020091. The filing has been transferred to the New Jersey Office of Administrative Law ("OAL") as OAL Docket No. PUC 02235-2023 S, and is currently in discovery.

[^5]:    ${ }^{13}$ See ACE IIP Stipulation, $\mathbb{1} 10$.
    ${ }^{14}$ N.J.A.C. 14:3-2A.5(e) and ACE IIP Stipulation, 『 12.
    ${ }^{15}$ See I/M/O the Petition of Atlantic City Electric Company for Approval of Electric Base Rate Adjustments Pursuant to Its Infrastructure Investment Program (5/2020), BPU Docket No. ER20050336, Decision and Order Approving Stipulation (dated September 23, 2020).

[^6]:    ${ }^{16}$ The $\$ 15,300,000$ in total ACE IIP investments sought to be recovered was comprised of $\$ 9,419,933$ of actual investments placed into service during the period July 1, 2020 through September 30, 2020, and $\$ 5,880,067$ of forecasted investments anticipated to be placed into service during the period October 1, 2020 through December 31, 2020. As described in the Petition, the matter was updated to actuals on January 21, 2021.

[^7]:    ${ }^{17}$ See ACE IIP Stipulation, $\mathbb{1} 10$, and ACE IIP Order, at 5. See also I/M/O the Petition of Atlantic City Electric Company for Approval of Amendments to Its Tariff to Provide for an Increase in Rates and Charges for Electric Service Pursuant to N.J.S.A. 48:2-21 and N.J.S.A. 48:2-21.1, and for Other Appropriate Relief (12/2020), BPU Docket No. ER20120746. As noted in Paragraph 10 above, the December 2020 Base Rate Case was resolved pursuant to a Decision and Order Adopting Initial Decision and Stipulation of Settlement, dated July 14, 2021.

[^8]:    ${ }^{1}$ In 2022, reliability performance for ACE exceeded its 2022 regulatory commitment, with a System Average Interruption Frequency Index of 0.64 , exceeding the commitment of 1.82 and a Customer Average Interruption Duration Index of 78 minutes, exceeding the commitment of 120 minutes.

[^9]:    ${ }^{2}$ See I/M/O the Petition of Atlantic City Electric Company for Approval of an Infrastructure Investment Program, and Related Cost Recovery Mechanism, Pursuant to N.J.S.A. 14:3-2A.1 et seq., BPU Docket No. EO18020196.

[^10]:    ${ }^{1}$ N.J.A.C. 14:3-2A.2(a).
    ${ }^{2}$ The Company must meet the $10 \%$ threshold under N.J.A.C. 14:3-2A.6(b).

[^11]:    ${ }^{3}$ N.J.A.C. 14:3-2A.5(b)8(c)2.

[^12]:    ${ }^{1}$ See I/M/O the Petition of Atlantic City Electric Company for Approval of Amendments to its Tariff to Provide for an Increase in Rates and Charges for Electric Service Pursuant to N.J.S.A. 48:2-21 and 48:2-21.1, and for other Appropriate Relief (12/2020), BPU Docket No. ER20120746, Decision and Order Adopting Initial Decision and Stipulation of Settlement (dated July 14, 2021).

