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February 28, 2025

**VIA ELECTRONIC MAIL**  
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Sherri L. Lewis, RMC  
Secretary of the Board  
Board of Public Utilities  
44 South Clinton Avenue, 1st 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 the Smart Energy Network Program and Cost Recovery Mechanism and Other Related Relief  
BPU Docket No. EO22080541

Dear Secretary Lewis:

The undersigned serves as Assistant General Counsel for Atlantic City Electric Company (“ACE”). In accordance with the Stipulation of Settlement approved by the New Jersey Board of Public Utilities (“Board”) in the above captioned proceeding, ACE was directed to provide a semi-annual report on the Smart Energy Network deployment process (“SEN Semi-Annual Report”). Deployment was completed in September 2024, as such, this report, covering the period July 1, 2024 through December 31, 2024, along with accompanying attachments, is ACE’s final report.

Consistent with the Order issued by the BPU on March 19, 2020 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, ACE files this Compliance Report and Attachments electronically with the Secretary of the Board and Rate Counsel. No paper copies will follow.

Sherri L. Lewis, RMC

February 28, 2025

Page 2

Thank you for your cooperation and courtesies. Feel free to contact the undersigned with any questions.

Respectfully submitted,

/s/Kenneth L. Wan

Kenneth L. Wan  
An Attorney at Law of the  
State of New Jersey

Enclosures

cc: Robert Brabston, Esq.  
Taryn Boland  
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**ACE Smart Energy Network – Deployment  
Semi-Annual Report to the Board of Public Utilities  
July 1, 2024, through December 31, 2024**

**Pursuant to  
the Stipulation of Settlement Executed in Connection With**

**BPU Docket No. EO20080541**

**Date of Report: February 28, 2025**

# ACE Smart Energy Network Program Semi-Annual Report Introduction

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In accordance with the Stipulation of Settlement (the “Stipulation”) executed and adopted in BPU Docket No. EO20080541, Atlantic City Electric Company (“ACE” or the “Company”) hereby submits its Semi-Annual Spend Report for the period July 1, 2024, through December 31, 2024, in connection with its Smart Energy Network (“SEN”). As SEN meter deployment has been concluded, this will be the Company’s final SEN Semi-Annual report based on the requirement in the board order dated July 14, 2021 in this docket.

The Stipulation as approved by the New Jersey Board of Public Utilities (the “Board” or “BPU”), directed ACE to provide a Semi-Annual Report on the SEN deployment process to Board Staff and Rate Counsel (“AMI Report”), setting forth the following information:

1. the estimated quantity of work and the quantity completed to date or, if the activity cannot be quantified with numbers, the major tasks completed, e.g., AMI meters deployed, year-to-date and total for both residential and commercial customers, average cost per residential and commercial installation, broken down by labor and meter costs; network deployment status by access points and relays/repeaters deployed;
2. the number of customers opting out each month and the total number of opt-out customers for the program-to-date;
3. the number of actual reads recorded from AMI meters each month;
4. the number of meter readers employed or under contract by ACE each month;
5. the number of legacy meter tests performed in each report, and of those, how many were inaccurate;
6. the number of unique page views who have accessed the MyAccount web portal each month;
7. the number of customers identified to have received behavioral energy saving messaging each month;

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8. to commence following any Data Access Plan approved by the Board under Paragraph 31, customer energy usage data for each month in the previous semiannual cycle and program-to-date provided to authorized third-party suppliers;
  9. the number of AMI meters replaced due to functioning errors for each month and program-to-date;
  10. the number of remote connects/disconnects performed each month and for the program-to-date;
  11. the number of AMI meter tampering cases found each month and for the program-to-date;
  12. the forecasted and actual SEN Program Costs to date for the reporting period and for the program-to-date;
  13. the forecasted and actual SEN O&M expenses to date for the reporting period and for the program-to-date;
  14. the forecasted and actual legacy meter stranded costs deferred to date for the reporting period and for the program-to-date;
  15. and the estimated SEN project completion date.

## SEN Project Status

**Section 1:** ACE to provide the estimated quantity of work and the quantity completed to date or, if the activity cannot be quantified with numbers, the major tasks completed, e.g., AMI meters deployed, year-to-date and total for both residential and commercial customers, average cost per residential and commercial installation, broken down by labor and meter costs; network deployment status by access points and relays/repeaters deployed.

**Response:** As of 12/31/2024, ACE has installed and replaced 565,819 AMI meters (504,103 Residential and 61,716 Commercial). ACE's 2024 AMI meter installation total as of 12/31/2024 is 153,498. Below is a table with the breakdown of the meters by Billing category. As of 12/31/2024 there were 997 Communications devices installed (516 Relays and 481 Access Points including socket APs):

<i>Customer Type</i>	<i>Installed equipment as of December 31, 2024</i>
<b>Commercial</b>	61,716
<b>Residential</b>	504,103
<b>Total</b>	565,819
<i>2024</i>	<i>Installed equipment as of January 1, 2024, - December 31, 2024</i>
<b>Year-to-date</b>	164,767

**Section 2:** ACE to provide the number of customers opting out each month and the total number of opt-out customers for the program-to-date.

**Response:** ACE has processed 8837 opt-outs as of December 31, 2024.

<i>Period July 1, 2024, - December 31, 2024</i>	<i># Of Customer Opting out of AMI</i>
<b>July</b>	674
<b>August</b>	907
<b>September</b>	1732
<b>October</b>	817
<b>November</b>	292
<b>December</b>	35
<b>Total per period</b>	4457
<b>Program-to-Date</b>	8837

**Section 3:** ACE to provide the number of actual reads recorded from AMI meters each month.

**Response:** Some AMI meters continue to be manually read with non-AMI meters with the exception of AMI meters that have been identified in routes eligible for activation (over the air readings).

<i>Period July 1, 2024, - December 31, 2024</i>	<i># Of AMI Actual Meter Reads</i>
<b>July</b>	546,775
<b>August</b>	554,053
<b>September</b>	557,778
<b>October</b>	558,527
<b>November</b>	560,546
<b>December</b>	562,285
<b>Total per period</b>	3,339,964

**Section 4:** ACE to provide the number of meter readers employed or under contract by ACE each month.

**Response:** Millennium Account Services (MAS) performs meter reading on behalf of ACE and South Jersey Industries. MAS is a joint venture with South Jersey Industries. The numbers in the chart below reflect the reading of both gas and electric meters for both companies:

<i>Period January 1, 2024 - June 30, 2024</i>	<i># Of Meter Readers Employed</i>
<b>July</b>	80
<b>August</b>	80
<b>September</b>	80
<b>October</b>	80
<b>November</b>	80
<b>December</b>	70

**Section 5:** ACE to provide the number of legacy meter tests performed in each report, and of those, how many were inaccurate.

**Response:** Legacy meter testing, as part of the NJ SEN project, started in October 2022. External to the NJ SEN project, meter testing is ongoing as part of normal business and results are reported quarterly to the NJ BPU in the Board in Docket No. EO18101189 as the Electric Meter Periodic Test Data.

<i>Period July 1, 2024, - December 31, 2024</i>	<i># of Legacy Meter Test</i>	<i># of Inaccurate Meters</i>
<b>July</b>	12763	0
<b>August</b>	2538	0
<b>September</b>	2250	0
<b>October</b>	17	1
<b>November</b>	105	0
<b>December</b>	33	1



**Section 6:** ACE to provide the number of unique page views who have accessed the MyAccount web portal each month:

<i>Period July 1, 2024, - December 31, 2024</i>	<i># Of Unique Page Views</i>
<b>July</b>	<b>333</b>
<b>August</b>	<b>1,209</b>
<b>September</b>	<b>696</b>
<b>October</b>	<b>196</b>
<b>November</b>	<b>167</b>
<b>December</b>	<b>107</b>
<b>Total per period</b>	<b>2,708</b>

**Section 7:** ACE to provide the number of customers identified to have received behavioral energy saving messaging each month. These customers will be broken down into several areas:

7.1: total number of stakeholder briefings, community presentations, open houses, and events tabled SEN, including total number of individuals reached:

<i>Period July 1, 2024, - December 31, 2024</i>	<i># Of Stakeholder Briefings, Community Presentations, Open Houses and Events Tabled</i>
<b>July</b>	<b>3</b>
<b>August</b>	<b>9</b>
<b>September</b>	<b>0</b>
<b>October</b>	<b>0</b>
<b>November</b>	<b>0</b>
<b>December</b>	<b>0</b>
<b>Total per period</b>	<b>12</b>

7.2: total impressions generated by SEN advertising campaign:

<i>Period July 1, 2024, - December 31, 2024</i>	<i># Impressions Generated by SEN Advertising</i>
<b>July</b>	<b>5,384,556</b>
<b>August</b>	<b>26,970,245</b>
<b>September</b>	<b>46,600,000</b>
<b>October</b>	<b>n/a</b>
<b>November</b>	<b>n/a</b>
<b>December</b>	<b>n/a</b>
<b>Total per period</b>	<b>78,954,801</b>

7.3: total number of direct mail pieces/letters/bill inserts/eblasts distributed regarding SEN:

<i>Period July 1, 2024, - December 31, 2024</i>	<i># of Direct Mail Pieces Distributed (Bills, Postcards, Letters, Emails)</i>
<b>July</b>	<b>31,762</b>
<b>August</b>	<b>29,063</b>
<b>September</b>	<b>0</b>
<b>October</b>	<b>0</b>
<b>November</b>	<b>0</b>
<b>December</b>	<b>0</b>
<b>Total per period</b>	<b>60,825</b>

7.4: percentage of customers aware of SEN initiative and/or smart meters;

**Response:** The level of customer understanding of the term ‘smart meter’ has increased significantly with 64 percent of customers indicating at least basic understanding of the term compared to 34 percent of customers in 2021.

7.5: and total number of customers signed up for High Usage Reports (via email or text) or Weekly Energy Reports (via email):

<i>Period July 1, 2024, - December 31, 2024</i>	<i># of Customers Signed up for High Usage Reports or Weekly Energy Reports</i>
<b>High Usage Alerts</b>	<b>3,436</b>
<b>Weekly Energy Reports</b>	<b>1,386</b>
<b>Total Enrollments per Period</b>	<b>4,822</b>

**Section 8:** To commence following any Data Access Plan approved by the Board under Paragraph 31, ACE to provide customer energy usage data for each month in the previous semi-annual cycle and program-to-date provided to authorized third-party suppliers.

**Response:** ACE does not have an approved Data Access Plan. It is the Company’s understanding that the Board of Public Utilities will be taking further action on data access in BPU Docket No. EO20110716.

<i>Period July 1, 2024, - December 31, 2024</i>	<i>Customer Energy Usage Data</i>
<b>July</b>	<b>N/A</b>
<b>August</b>	<b>N/A</b>
<b>September</b>	<b>N/A</b>
<b>October</b>	<b>N/A</b>
<b>November</b>	<b>N/A</b>
<b>December</b>	<b>N/A</b>
<b>Total per period</b>	<b>N/A</b>
<b>Program-to-Date</b>	<b>N/A</b>

**Section 9:** ACE to provide the number of AMI meters replaced due to functioning errors for each month and program-to-date.

**Response:** ACE has not replaced any AMI meters due to functioning errors.

<i>Period July 1, 2024, - December 31, 2024</i>	<i># of AMI Meters Due to Functioning Errors</i>
July	0
August	0
September	0
October	0
November	0
December	0
Total per period	0
<b>Program-to-Date</b>	<b>0</b>

**Section 10:** ACE to provide the number of remote connects/disconnects performed each month and for the program-to-date.

**Response:** Remote connects/disconnects began after activation of AMI meters started in June 2024

<i>Period July 1, 2024, - December 31, 2024</i>	<i># Of Remote Connects</i>	<i># Of Remote Disconnects</i>
July	1,491	1,589
August	466	517
September	2,225	2,555
October	1,869	1,989
November	2,363	2,317
December	1727	1835
Total per period	10,141	10,802
<b>Program-to-Date</b>	<b>17,652</b>	<b>19,712</b>

**Section 11:** ACE to provide the number of AMI meter tampering cases found each month and for the program-to-date:

<i>Period July 1, 2024, - December 31, 2024</i>	<i># of AMI Meter Tampering Cases</i>
July	0
August	6
September	10
October	4
November	2
December	4
Total per period	26
Program-to-Date	463

**Section 12:** ACE to provide the forecasted and actual SEN Program Costs to date for the reporting period and for the program-to-date:

**Response:** See Attachment 1

**Section 13:** ACE to provide the forecasted and actual SEN O&M expenses to date for the reporting period and for the program-to-date:

**Response:** See Attachment 1

**Section 14:** ACE to provide the forecasted and actual legacy meter stranded costs deferred to date for the reporting period and for the program-to-date:

**Response:** See Attachment 2

**Section 15:** ACE to provide the estimated SEN project completion date:

**Response:** ACE has completed the SEN project as of November 2024.

# Attachment 1

SEN Semi-Annual Reporting  
Section 12

Actual SEN Program costs to date for the reporting period and for the program-to-date

ACE SEN Full Program Costs - 1/1/2021 through 12/31/2024	2021			2022			2023			2024			Total													
	ITN	Actuals	Budget	Variance Over / (Under) Budget	Actuals	Budget	Variance Over / (Under) Budget	Actuals	Budget	Variance Over / (Under) Budget	Actuals	Budget	Variance Over / (Under) Budget	Actuals												
66668: ACE Smart Energy Network NJ/AMI Program - Install Costs	\$	539,607	\$	775,083	\$	(235,476)	\$	14,351,449	\$	13,335,932	\$	1,015,517	\$	24,626,989	\$	19,105,251	\$	5,521,738	\$	17,944,652	\$	15,828,008	\$	2,116,644	\$	57,462,696
68664: ACE O&M Smart Energy Network AMI Program	\$	1,289,659	\$	-	\$	1,289,659	\$	1,238,003	\$	1,232,580	\$	5,423	\$	(307,147)	\$	44,448	\$	(351,595)	\$	32,557	\$	236,890	\$	(204,333)	\$	2,253,072
68989: ACE Smart Energy Network NJ/AMI Program - Meter Purchases	\$	2,500,136	\$	-	\$	2,500,136	\$	26,872,438	\$	25,968,895	\$	903,543	\$	36,505,530	\$	45,918,448	\$	(9,412,918)	\$	2,689,732	\$	3,696,670	\$	(1,006,938)	\$	68,567,836
68994: ACE Smart Energy Network NJ/AMI Program -Comms Network Costs	\$	830,793	\$	-	\$	830,793	\$	7,334,140	\$	7,626,109	\$	(291,969)	\$	1,614,738	\$	3,103,245	\$	(1,488,507)	\$	1,761,449	\$	1,960,586	\$	(199,137)	\$	11,541,120
69344: AMI NJ System Integrations (ACE)	\$	2,739,644	\$	15,159,436	\$	(12,419,792)	\$	21,927,869	\$	38,428,028	\$	(16,500,159)	\$	15,906,045	\$	14,586,252	\$	1,319,793	\$	984	\$	25,302	\$	(24,318)	\$	40,574,542
75270: ACE Reg Asset Smart Energy Network AMI Program	\$	-	\$	250,000	\$	(250,000)	\$	1,650,780	\$	3,974,641	\$	(2,323,861)	\$	5,699,542	\$	4,338,052	\$	1,361,490	\$	4,453,510	\$	3,247,543	\$	1,205,967	\$	11,803,833
188203: AMI Analytics ITRON Renewal 2024-2028 (PHI)(ACE)	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	16,619	\$	24,169	\$	(7,550)	\$	16,619
<b>Total</b>	\$	<b>7,899,838</b>	\$	<b>16,184,519</b>	\$	<b>(8,284,681)</b>	\$	<b>73,374,679</b>	\$	<b>90,566,185</b>	\$	<b>(17,191,506)</b>	\$	<b>84,045,697</b>	\$	<b>87,095,696</b>	\$	<b>(3,049,999)</b>	\$	<b>26,899,503</b>	\$	<b>25,019,168</b>	\$	<b>1,880,336</b>	\$	<b>192,219,717</b>

ACE SEN Full Program Costs - Current reporting period	July-December 2024					
ITN	Actuals	Budget	Variance Over / (Under) Budget			
66668: ACE Smart Energy Network NJ/AMI Program - Install Costs	\$	6,773,432	\$	3,940,489	\$	2,832,943
68664: ACE O&M Smart Energy Network AMI Program	\$	15,541	\$	118,696	\$	(103,155)
68989: ACE Smart Energy Network NJ/AMI Program - Meter Purchases	\$	(2,245,868)	\$	-	\$	(2,245,868)
68994: ACE Smart Energy Network NJ/AMI Program -Comms Network Costs	\$	805,561	\$	-	\$	805,561
69344: AMI NJ System Integrations (ACE)	\$	-	\$	12,630	\$	(12,630)
75270: ACE Reg Asset Smart Energy Network AMI Program	\$	1,601,235	\$	713,215	\$	888,020
188203: AMI Analytics ITRON Renewal 2024-2028 (PHI)(ACE)	\$	(516)	\$	-	\$	(516)
<b>Total</b>	\$	<b>6,949,385</b>	\$	<b>4,785,030</b>	\$	<b>2,164,355</b>

SEN Semi-Annual Reporting  
Section 13

Actual SEN O&M costs to date for the reporting period and for the program-to-date

ACE SEN O&M Costs - 1/1/2021 through 12/31/2024	2021			2022			2023			2024			Total
	ITN	Actuals	Budget	Variance Over / (Under) Budget	Actuals	Budget	Variance Over / (Under) Budget	Actuals	Budget	Variance Over / (Under) Budget	Actuals	Budget	Variance Over / (Under) Budget
66668: ACE Smart Energy Network NJ/AMI Program - Install Costs	\$ 22,266	\$ -	\$ 22,266	\$ 155,231	\$ -	\$ 155,231	\$ 263,545	\$ 956,744	\$ (693,199)	\$ 181,322	\$ 809,250	\$ (627,928)	\$ 622,365
68664: ACE O&M Smart Energy Network AMI Program	\$ 1,289,659	\$ -	\$ 1,289,659	\$ 1,238,003	\$ 1,232,580	\$ 5,423	\$ (307,147)	\$ 44,448	\$ (351,595)	\$ 32,557	\$ 236,890	\$ (204,333)	\$ 2,253,072
68989: ACE Smart Energy Network NJ/AMI Program - Meter Purchases	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
68994: ACE Smart Energy Network NJ/AMI Program -Comms Network Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
69344: AMI NJ System Integrations (ACE)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
75270: ACE Reg Asset Smart Energy Network AMI Program	\$ -	\$ -	\$ -	\$ 950	\$ -	\$ 950	\$ 2,883	\$ -	\$ 2,883	\$ 53,059	\$ 129,527	\$ (76,468)	\$ 56,891
188203: AMI Analytics ITRON Renewal 2024-2028 (PHI)(ACE)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ 1,311,925</b>	<b>\$ -</b>	<b>\$ 1,311,925</b>	<b>\$ 1,394,184</b>	<b>\$ 1,232,580</b>	<b>\$ 161,604</b>	<b>\$ (40,719)</b>	<b>\$ 1,001,192</b>	<b>\$ (1,041,911)</b>	<b>\$ 266,938</b>	<b>\$ 1,175,667</b>	<b>\$ (908,729)</b>	<b>\$ 2,932,328</b>

ACE SEN O&M Costs - Current reporting period	July-December 2024		
ITN	Actuals	Budget	Variance Over / (Under) Budget
66668: ACE Smart Energy Network NJ/AMI Program - Install Costs	\$ 76,351	\$ 195,997	\$ (119,646)
68664: ACE O&M Smart Energy Network AMI Program	\$ 15,541	\$ 118,696	\$ (103,155)
68989: ACE Smart Energy Network NJ/AMI Program - Meter Purchases	\$ -	\$ -	\$ -
68994: ACE Smart Energy Network NJ/AMI Program -Comms Network Costs	\$ -	\$ -	\$ -
69344: AMI NJ System Integrations (ACE)	\$ -	\$ -	\$ -
75270: ACE Reg Asset Smart Energy Network AMI Program	\$ 53,088	\$ 38,173	\$ 14,915
188203: AMI Analytics ITRON Renewal 2024-2028 (PHI)(ACE)	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ 144,981</b>	<b>\$ 352,866</b>	<b>\$ (207,885)</b>



# Attachment 2

Account Number	Account Description	July 2024 Balance	August 2024 Balance	September 2024 Balance	October 2024 Balance	November 2024 Balance	December 2024 Balance
182425	RA-AMI Full Program	8,139,715.88	8,409,718.15	8,610,819.62	8,702,070.27	8,721,727.72	8,732,239.24
182426	RA- AMI Full Program- Non-O&M	8,587,104.49	8,647,530.19	8,901,362.52	8,968,337.37	9,038,784.69	9,301,402.03
182830	Accelerated Depreciation AMI	32,405,758.89	32,405,758.89	32,524,627.42	32,524,627.42	32,524,627.42	32,644,137.81

January 2025 Forecasted Activity	February 2025 Forecasted Activity	March 2025 Forecasted Activity*	April 2025 Forecasted Activity	May 2025 Forecasted Activity	June 2025 Forecasted Activity*
\$0.00	\$0.00	\$119,510.39	\$0.00	\$0.00	\$119,510.39

\*Return on stranded assets booked quarterly