

Katherine E. Smith
Associate Counsel - Regulatory

Law Department
80 Park Plaza, T5, Newark, New Jersey 07102-4194
Tel: 973.430.6996 fax: 973.645.5983
Email: Katherine.Smith@pseg.com



March 19, 2024

In the Matter of the Petition of
Public Service Electric and Gas Company for
Approval of its Clean Energy Future-Energy Cloud (CEF-EC)
Program on a Regulated Basis
BPU Docket No. EO18101115

VIA ELECTRONIC MAIL

Stacy Peterson
Deputy Executive Director
New Jersey Board of Public Utilities
44 South Clinton Ave.
P.O. Box 350
Trenton, NJ 08625

Brian Lipman
Director
New Jersey Division of Rate Counsel
140 East Front Street, 4th Floor
P.O. Box 003
Trenton, NJ 08625

**Re: Advanced Metering Infrastructure (AMI) Program - Semi Annual Report to
the Board of Public Utilities for the Period July 1, 2023 – December 31, 2023**

Dear Ms. Peterson and Mr. Lipman:

Pursuant to the Board's January 7, 2021 Order in the above referenced matter, enclosed is Public Service Electric and Gas Advanced Meter Infrastructure (AMI) Program's semi-annual report for the period July 1, 2023 through December 31, 2023.

Copies of the CEF-EC AMI Semi-Annual Report, July 1, 2023 – December 31, 2023 will be served upon all entities legally required to be noticed. Service will occur via e-mail, only, pursuant to the Board's March 19, 2020 Order in Docket No. EO20020254.¹ In addition, the report will be posted at www.pseg.com/ev.

1577180.v1 1 *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*, Docket No. EO20030254, p 3 (March 19, 2020 Order).

Please advise if you have any questions or comments.

Very truly yours,

A handwritten signature in blue ink that reads "Katherine E. Smith". The signature is written in a cursive style with a long horizontal flourish at the end.

Katherine Smith

C: Carol Artale
Alice Bator
Cindy Bianco
David Brown
Robert Brabston
Sherri Golden
Charles Gurkas
Scott Hunter
Sherri Jones
Bart Kilar
Christine Lin
Sri Medicherla
Jackie O'Grady
Stacy Richards
Christine Sadovy
Abe Silverman
Benjamin Witherell
Tylyse Hyman
Christine Juarez
Debora Layugan
Kurt Lewandowski
Maria Novas-Ruiz
Henry Odgen
Brian Weeks



Clean Energy Future-Energy Cloud
Advanced Metering Infrastructure (AMI) Program
Semi-Annual Report to the Board of Public Utilities
For the period July 1, 2023 – December 31, 2023

Reporting Metric Tables:

Metric Description	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Current Reporting Period 7/1/2023 - 12/31/2023	Project to Date 1/7/2021 - 12/31/2023
Residential Meters Installed	81,326	101,123	75,776	67,140	67,635	82,714	475,714	1,353,228
Commercial Meters Installed	9,381	10,476	7,425	9,613	8,695	6,365	51,955	185,108
Network Installed								See Note A
Number of opt-out customers	289	451	163	161	170	353	1,587	6,144
Number of actual reads recorded from AMI meters each month	63,345,793	71,816,470	77,526,980	76,966,882	81,166,730	92,360,644	463,183,499	See Note B
Number of meter reading staff employed by PSE&G each month	322	313	301	294	287	276	See Note C	See Note C
Number of total visits by customers to AMI portal.	17,004	32,916	29,721	28,171	25,605	27,407	160,824	210,118
Number of unique monthly Log-in's to AMI portal.	8,303	15,692	14,226	13,266	12,243	13,352	77,082	N/A
Number of customers receiving energy saving messages.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	See Note D
Number of customers who have authorized third party supplier access to their energy usage data	N/A	N/A	N/A	N/A	N/A	N/A	N/A	See Note E
Third Party Program-to-date customer engagement efforts undertaken by the Company	N/A	N/A	N/A	N/A	N/A	N/A	N/A	See Note F
Number of AMI meters replaced due to functioning errors	25	7	32	26	24	5	119	346
Number of remote connects/disconnects performed	3,467	16,266	26,477	42,438	21,994	11,918	122,560	See Note G
Number of AMI meter tampering cases found	3	8	12	22	6	5	56	See Note H
Estimated CEF-EC project completion date							12/31/2024	12/31/2024

N/A – Not applicable at this stage of the AMI Program

CEF-EC-AMI Program
Semi-Annual Reporting (2023) – Period ending December 31, 2023

Average Installation Costs (Per Unit Cost in USD)			Current Reporting Period 7/1/2023 - 12/31/2023	Project to Date 1/7/2021 - 12/31/2023
Average Cost Residential Meters Installed – Total			\$187.8	\$191.9
Average Cost Residential Meters Installed – Labor *(1)			\$70.7	\$78.2
Average Cost Residential Meters Installed – Materials			\$117.1	\$113.7
Average Cost Commercial Meters Installed – Total			\$243.9	\$264.3
Average Cost Commercial Meters Installed – Labor *(1)			\$89.9	\$103.0
Average Cost Commercial Meters Installed – Materials			\$154.0	\$161.3

Metric Description (USD in Millions)	FORECAST		ACTUALS	
	Current Reporting Period 7/1/2023 - 12/31/2023	Project to Date 1/7/2021 - 12/31/2023	Current Reporting Period 7/1/2023 - 12/31/2023	Project to Date 1/7/2021 - 12/31/2023
CEF-EC Capital Costs - Total	\$113.9M	\$358.8M	\$120.0M	\$365.5M
CEF-EC Capital Costs - Labor *(2)	\$10.2M	\$51.0M	\$7.3M	\$46.9M
CEF-EC Capital Costs – Material	\$53.7M	\$163.8M	\$58.4M	\$175.0M
CEF-EC Capital Costs – Other *(3)	\$50.0M	\$144.0M	\$54.3M	\$143.6M
CEF-EC Deferred O&M Expenses - Total	\$14.1M	\$46.3M	\$7.6M	\$35.6M
CEF-EC Deferred O&M Expenses - Labor *(2)	\$3.1M	\$10.4M	\$1.7M	\$7.3M
CEF-EC Deferred O&M Expenses – Material		\$0.6M	\$0.5M	\$1.1M
CEF-EC Deferred O&M Expenses – Other *(3)	\$11.1M	\$35.4M	\$5.4M	\$27.2M
Stranded Costs Deferred			\$17.4M	\$99.2M

*(1) Average Installation costs - Internal and External Labor.

*(2) Labor - Internal PSE&G Labor.

*(3) Other - Includes all contractors and Outside services.

Reporting Metric Notes:

A. Network Installation

Network Complete: 159 new poles and three radio gateways, 53 single-radio network gateways and 2207 routers have been installed to support the expansion of the existing RF Network

B. Actual Reads Recorded from AMI Meters

Actual read number is inclusive of large commercial AMI meters installed prior to start of current AMI Project.

C. Meter Reading Staff

Meter reading staffing fluctuates for various reasons. Permanent Meter Readers continues to decline month over month via natural attrition.

D. Number of customers receiving energy saving messages

In this report and subsequent reports, this metric will indicate how many PSE&G electric customers with AMI meters have received messages based on the pending implementation of use cases 1, 2, 3, 4, 5 and 7.

E. Customers who have authorized third party supplier access to their energy usage data

The development of a Data Access Plan has been deferred pending the statewide proceeding in Docket No. EO20110716. PSE&G is participating in that Board Staff proceeding.

F. Third Party Customer Engagement Efforts

PSE&G has utilized social media outlets for third party customer engagement efforts to date. The activities and results are as follows:

1. Published messages:

- a) *5 organic messages on Facebook, Twitter/X and LinkedIn:*
 - (1) 1 on Facebook,
 - (2) 3 on Twitter/X,
 - (a) 1 on PSEGDelivers,
 - (b) 2 on PSEGNews.
 - (3) 1 on Instagram

2. Channel followers (as of December-end 2023):

- a) *Facebook: 118K followers*
- b) *PSEGDelivers (Twitter/X): 99.1K followers*
- c) *PSEGNews (Twitter/X): 20.4K followers*
- d) *Instagram: 2.9K*

3. The social media posts generated:

- a) *4.3K impressions (how many times an AMI social message was displayed),*
- b) *Reached 2.1K Facebook and Instagram users.*

G. Remote Connects/Disconnects Performed

Use case not yet implemented.

H. AMI Metering Tampering Cases

Use case not yet implemented.