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September 1, 2022

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 January 1, 2022 – June 30, 2022**

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 January 1, 2021 through June 30, 2021.

Copies of the CEF-EC AMI Semi-Annual Report, January 1, 2022 – June 30, 2022 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.

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
Aida Camacho
Charles Gurkas
Scott Hunter
Sherri Jones
Bart Kilar
Christine Lin
Paul Lupo
Sri Medicherla
Jackie O'Grady
Stacy Richards
Christine Sadovy
Abe Silverman
Benjamin Witherell
Tylise 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 January 1, 2022-June 30, 2022

Reporting Metric Tables:

Metric Description	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Current Reporting Period 1/1/2022-6/30/2022	Project to Date 1/7/2021 - 6/30/2022
Residential Meters Installed	6,596	7,537	8,744	8,064	8,444	17,280	56,665	129,664
Commercial Meters Installed	2,367	2,474	3,910	4,188	3,969	4,027	20,935	45,713
Poles Installed	9	29	40	11	1	0	90	159 See Note A
Three-radio Network gateways installed	13	38	50	17	5	4	127	159 See Note A
Single-radio Network gateways installed	28	1	0	0	0	0	29	53 See Note A
Routers Installed	338	69	0	14	58	0	479	2,207 See Note A
Percentage of Network Communicating to L+G Platform	89.40%	93.90%	95.96%	97.30%	99.90%	100.00%	100.00%	100.00% See Note B
Number of opt-out customers	12	7	5	4	34	34	96	231
Number of actual reads recorded from AMI meters each month	6,445,369	6,104,754	7,669,478	8,417,578	8,958,500	9,802,700	47,398,379	See Note C
Number of meter reading staff employed by PSE&G each month	366	390	446	449	475	463	See Note D	See Note D
Number of total visits by customers to AMI portal.	1,626	1,273	1,354	1,413	1,499	2,589	9,754	25,902
Number of customers receiving energy saving messages.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	See Note E
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 F
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 G
Number of AMI meters replaced due to functioning errors	0	0	0	6	6	6	18	21
Number of remote connects/disconnects performed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	See Note H
Number of AMI meter tampering cases found	N/A	N/A	N/A	N/A	N/A	N/A	N/A	See Note I
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 (2022) – Period ending June 30, 2022

Average Installation Costs			Current Reporting Period 1/1/2022-6/30/2022	Project to Date 1/7/2021 - 06/30/2022
Average Cost Residential Meters Installed –Total			\$250	\$220
Average Cost Residential Meters Installed – Labor			\$136	\$104
Average Cost Residential Meters Installed – Materials			\$114	\$116
Average Cost Commercial Meters Installed – Total			\$335	\$298
Average Cost Commercial Meters Installed – Labor			\$144	\$118
Average Cost Commercial Meters Installed – Materials			\$190	\$180

Metric Description (Cost Info.)	FORECAST		ACTUALS	
	Current Reporting Period 1/1/2022-6/30/2022	Project to Date 1/7/2021 - 06/30/2022	Current Reporting Period 1/1/2022-6/30/2022	Project to Date 1/7/2021 - 06/30/2022
CEF-EC Capital Costs - Total	\$34.45M	\$67.65M	\$31.85M	\$65.04M
CEF-EC Capital Costs - Labor	\$8.96M	\$20.7M	\$10.23M	\$22.26M
CEF-EC Capital Costs – Material	\$12.68M	\$23.75M	\$10.95M	\$22.01M
CEF-EC Capital Costs – Other	\$12.81M	\$23.2M	\$10.67M	\$20.77M
CEF-EC Deferred O&M Expenses - Total	\$5.66M	\$9.85M	\$5.88M	\$10.07 M
CEF-EC Deferred O&M Expenses - Labor	\$2.36M	\$2.36M	\$0.46M	\$0.46M
CEF-EC Deferred O&M Expenses – Material	\$0.20M	\$0.77M	N / A	\$0.57M
CEF-EC Deferred O&M Expenses – Other	\$3.1M	\$6.72M	\$5.42M	\$9.04M
Stranded Costs Deferred	N / A	N / A	\$28.07M	\$28.07M

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

Reporting Metric Notes:

A. Network Installation

Estimated Quantity of Work: 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. Percentage of Network Communicating to L+G Platform

Estimated Quantity of Work: Network installation has completed.

C. Actual Reads Recorded from AMI Meters

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

D. Meter Reading Staff

Meter reading staffing fluctuates for various reasons. Permanent Meter Readers continue to decline month over month via natural attrition. Additional temporary Meter Reading staff have been hired to support Collection activities and vacations.

E. Number of customers receiving energy saving messages

Reports issued on September 1, 2021 and March 1, 2022 reported data based on all PSE&G electric customers who had received 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 implementation of use cases 1, 2, 3, 4, 5 and 7. Use cases not yet implemented.

F. 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.

G. 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 4 messages:

- a) *4 organic messages on Facebook, Twitter and LinkedIn:*
 - (1) 2 on Facebook,
 - (2) 2 on Twitter,
 - (a) 1 on PSEGDelivers,
 - (b) 1 on PSEGNews.

2. Channel followers (as of June 2022):

- a) *Facebook: 118,384*
- b) *PSEGDelivers (Twitter): 102,165*
- c) *PSEGNews (Twitter): 20,860*

3. The social media posts generated:

- a) *16,224 impressions (how many times an AMI social message was displayed),*
- b) *Reached 14,009 Facebook users*

H. Remote Connects/Disconnects Performed

Use case not yet implemented.

I. AMI Metering Tampering Cases

Use case not yet implemented.