



September 8, 2021

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
Acting 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, 2021 - June 30, 2021

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, 2021 – June 30, 2021 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,



Matthew M. Weissman

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**Clean Energy Futures-Energy Cloud
Advanced Metering Infrastructure (AMI) Program
Semi-Annual Report to the Board of Public Utilities
For the period January 1, 2021-June 30, 2021**

Reporting Metric Tables:

Metric Description	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Current Reporting Period 1/1/2021- 6/30/2021	Project to Date
Residential Meters Installed	17	1,975	3,613	4,177	6,457	6,880	23,119	23,119
Commercial Meters Installed	2	63	169	314	861	1,151	2,560	2,560
Poles Installed	0	0	0	0	0	0	0	See Note A
Three-radio Network gateways installed	0	0	0	0	0	0	0	See Note A
Single-radio Network gateways installed	0	0	0	0	0	0	0	See Note A
Routers Installed	0	0	0	0	0	0	0	See Note A
Percentage of Network Communicating to L+G Platform	0	0	0	0	0	0	0	See Note B
Total number of opt-out customers	1	11	28	41	56	65	65	65
Number of actual reads recorded from AMI meters each month		997,135	1,239,155	1,431,373	1,815,845	2,204,059	7,687,567	See Note C
Number of meter readers employed by PSE&G each month	357	359	387	416	442	419		
Number of customers who have accessed the AMI web portal	1,083	906	1,149	1,232	1,220	1,232	6,822	6,822
Number of customers identified to have received energy saving messaging	1,817,845	2,725,974	2,550,372	1,553,621	219,038	1,524,373	10,391,223	10,391,223
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 D
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 E
Number of AMI meters replaced due to functioning errors	0	0	0	0	0	1	1	1
Number of remote connects/disconnects performed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	See Note F
Number of AMI meter tampering cases found	N/A	N/A	N/A	N/A	N/A	N/A	N/A	See Note G
Estimated CEF-EC project completion date							12/31/2024	12/31/2024

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

Average Installation Costs			Current Reporting Period 1/1/2021-6/30/2021	Project to Date
	Average Cost Residential Meters Installed - Total			\$ 215.91
Average Cost Residential Meters Installed - Labor			\$ 99.88	\$ 99.88
Average Cost Residential Meters Installed - Materials			\$ 116.03	\$ 116.03
Average Cost Commercial Meters Installed - Total			\$ 268.83	\$ 268.83
Average Cost Commercial Meters Installed - Labor			\$ 128.03	\$ 128.03
Average Cost Commercial Meters Installed - Materials			\$ 140.80	\$ 140.80
Capital and O&M Costs	FORECAST		ACTUALS	
	Current Reporting Period 1/1/2021-6/30/2021	Project to Date	Current Reporting Period 1/1/2021-6/30/2021	Project to Date
CEF-EC Capital Costs - Total	\$8.56M	\$8.56M	\$9.82M	\$9.82M
CEF-EC Capital Costs - Labor	\$.57M	\$.57M	\$4.45M	\$4.45M
CEF-EC Capital Costs - Material	\$1.13M	\$1.13M	\$3.06M	\$3.06M
CEF-EC Capital Costs - Other	\$6.86M	\$6.86M	\$2.31M	\$2.31M
CEF-EC O&M Expenses - Total	\$3.34M	\$3.34M	\$870K	\$870K
CEF-EC O&M Expenses - Labor	\$0	\$0	\$500K	\$500K
CEF-EC O&M Expenses - Material	\$0	\$0	\$0	\$0
CEF-EC O&M Expenses - Other	\$3.34M	\$3.34M	\$370K	\$370K
Stranded Costs Deferred			N/A	See Note H

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

Reporting Metric Notes:

A. Network Installation

Estimated Quantity of Work: 161 new poles and three radio gateways, 47 single-radio network gateways and 2207 routers are estimated to be installed beginning in July 2021 with completion by mid-2022 to support the expansion of the existing RF Network

B. Percentage of Network Communicating to L+G Platform

Estimated Quantity of Work: 100% installation of network to be completed by mid-2022

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. 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. On August 23, 2021, in that docket, the BPU issued a Straw Proposal on Advanced Metering Infrastructure (AMI) Data Transparency, Privacy & Billing, and has sought written comment from all interested parties by October 7, 2021. Per that August 23, 2021 notice, after submission of comments, Board Staff anticipates having one or more stakeholder meetings to discuss that feedback and, once all feedback is received, Staff expects to recommend that the Board approve an MFR order on data access, among other things, which will be followed by a rulemaking proceeding to codify the requirements placed on each electric public utility with an AMI deployment plan. PSE&G is participating in that Board Staff proceeding.

E. 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 17 messages:

- a) *2 paid Facebook ads,*
- b) *15 organic messages on Facebook, Twitter and LinkedIn:*
 - (1) *5 on Facebook,*
 - (2) *9 on Twitter,*
 - (a) *7 on PSEGDelivers,*
 - (b) *2 on PSEGNews.*
- c) *1 on LinkedIn*

2. Channel followers (as of July 2021):

- a) *Facebook: 116,659*
- b) *PSEGDelivers (Twitter): 101,704 followers*
- c) *PSEGNews (Twitter): 20,418*
- d) *LinkedIn: 55,182*

3. The social media posts generated:

- a) *2,355,520 impressions (how many times an AMI social message was displayed),*
- b) *Reached 797,462 Facebook users*

F. Remote Connects/Disconnects Performed

Use case not yet implemented

G. AMI Metering Tampering Cases

Use case not yet implemented

H. Stranded Costs Deferred

Expected to be available for next reporting period