



March 2, 2022

In the Matter of the Petition of  
Public Service Electric and Gas Company  
for Approval of a CEF - EV Program and an  
Associated Cost Recovery Mechanism

BPU Docket No. EO18101111

**VIA ELECTRONIC MAIL ONLY**

Paul Lupo  
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, 4<sup>th</sup> Floor  
P.O. Box 003  
Trenton, NJ 08625

**RE: CEF – EV PROGRAM BPU SEMI-ANNUAL REPORT – MARCH 2022**

Dear Mr. Lupo and Mr. Lipman:

Pursuant to the Board's January 27, 2021 Order in the above referenced matter, enclosed is the Public Service Electric and Gas semi-annual activity report for the Clean Energy Future – Electric Vehicle Program. This report covers the period from July 31, 2021 through December 31, 2021.

Copies of the CEF-EV Semi-Annual Report – September 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.<sup>1</sup> In addition, the report will be posted at [www.pseg.com/ev](http://www.pseg.com/ev).

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<sup>1</sup> *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).

Paul Lupo, Deputy Executive Director  
Brian Lipman, Acting Director

March 2, 2022

- 2 -

Please advise if you have any questions or comments.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "Katherine E. Smith", with a long horizontal flourish extending to the right.

Katherine E. Smith

Attachments

EMAIL ONLY  
C Cathleen Lewis  
Abe Silverman

**Clean Energy Future – Electric Vehicle (EV) Program**  
**Semi-Annual Report to the Board of Public Utilities**  
**H2-2021 – July through December 2021**

## Table of Contents

Section 1: Estimated Quantity of Make-Ready Work.....	3
Quantity of Work.....	3
Quantity Completed to Date .....	3
Section 2: DCFC Distribution Demand Charge Rebate .....	4
Program Usage .....	4
Funding Balance .....	4
Section 3: Semi-Annual and Program To-Date Forecast and Actual Costs.....	5
Program Forecast.....	5
Capital Costs .....	5
O&M Expenses .....	5
Section 4: Financial Tables .....	6
Table 1: CEF-EV Program Summary .....	6
Table 2: Investment by Cost Category .....	7
Table 3: Investment by Labor, Materials & Other (“LM&O”) Costs.....	8
Table 4: Program Expenses by Cost Category .....	9
Table 5: Expenses by Labor, Material & Other (“LM&O”) Costs .....	10

## Section 1: Estimated Quantity of Make-Ready Work

PSE&G will provide semi-annual reports on the CEF-EV deployment (“CEF-EV Report”) with the following information:

- Estimated quantity of work
- Quantity completed to date or, if the project cannot be quantified with numbers, the major tasks completed, e.g. Residential, Mixed Use Commercial L2, and DCFC Public Charging Make Ready to Charger Stub units completed and number of service upgrades:

### Quantity of Work

See Table 1 for a summary of the period-to-date, program-to-date, and forecasted capital costs and O&M expenses for the Clean Energy Future – Electric Vehicle Program (“CEF-EV Program”).

Major Tasks Completed: Following Board approval on January 27, 2021, PSE&G initiated program development, including Infrastructure Technology (IT) architecture. PSE&G launched the CEF-EV Program in a series of steps from June through September, 2021 as discussed in detail in each subprogram below.

### Quantity Completed to Date

See Table 2 for the capital costs per subprogram, indicating the work completed to date.

Quantity Completed: As of December 31, 2021, PSE&G has invested a total of \$4.2M in CEF-EV Program investment. This includes investment for the following three subprograms: (i) Residential Smart Charging Program, (ii) Level-2 Mixed Use Charging Program, and (iii) a Direct Current Fast Charging (“DCFC”) Program, which also includes investment in Distribution Demand Charge Rebates. The CEF-EV Program further includes cross-program investments for IT system upgrades to support the deployment of the CEF-EV program and the development of associated customer platforms.

## Section 2: DCFC Distribution Demand Charge Rebate

The semi-annual reports will include the following information:

- The usage of the rebate funding
- The balance remaining of the \$5 million rebate funding

### Program Usage

The application and agreement form for the DCFC Distribution Charge Rebate for pre-existing sites was launched on June 15, 2021. Through December 31, 2021, PSE&G has enrolled 32 customers to the DCFC Distribution Demand Charge Rebate.

### Funding Balance

See Table 2 for the usage and balance remaining of the \$5 million rebate funding. As of December 31, 2021, PSE&G distributed \$292,680 in demand charge rebates for this reporting period. There is \$4.7M remaining in the funding.

### Section 3: Semi-Annual and Program To-Date Forecast and Actual Costs

The semi-annual reports will include the following information:

- The forecasted and actual capital costs
- The forecasted and actual O&M expenses

The project expenditures shall be broken out between labor, material, and other costs.

#### Program Forecast

See Table 1 for the period-to-date, program-to-date, and forecasted capital costs and O&M expenses for the CEF-EV Program.

#### Capital Costs

See Table 2 for the actual capital costs by cost category and Table 3 for the capital costs broken out between labor, material and other (“LM&O”).

Program enrollment for make-ready funding was implemented in phases. The DCFC subprogram was launched on July 23, 2021. The Level 2 Mixed-Use Commercial subprogram was launched on July 30, 2021. The Residential make-ready subprogram was launched on September 15, 2021. As of December 31, 2021, the CEF Program has enrolled 218 residential customers, 5 Mixed Use Commercial customers, and 32 DCFC customers in the CEF-EV Program.

#### O&M Expenses

See Table 4 for the actual expenses by cost category and Table 5 for the expenses broken out between labor, material and other.

### Section 4: Financial Tables

Table 1: CEF-EV Program Summary

<i>Period</i>	<i>Investment (a)</i>	<i>Expenses (b)</i>	<i>Total (c=a+b)</i>
<i>July</i>	\$534,212	\$93,260	\$627,472
<i>August</i>	\$828,890	\$143,407	\$972,298
<i>September</i>	\$216,220	\$173,913	\$390,133
<i>October</i>	\$542,813	\$73,084	\$615,896
<i>November</i>	\$490,443	\$67,845	\$558,288
<i>December</i>	\$1,526,801	\$50,449	\$1,577,249
<b>Reporting Period</b>	<b>\$4,139,378</b>	<b>\$601,958</b>	<b>\$4,741,336</b>
<b>Program-to-Date</b>	<b>\$4,229,013</b>	<b>\$1,325,051</b>	<b>\$5,554,064</b>
<b>To-Go Forecast</b>	<b>\$161,970,987</b>	<b>\$37,641,516</b>	<b>\$199,612,503</b>
<b>Total Program Forecast</b>	<b>\$166,200,000</b>	<b>\$38,966,567</b>	<b>\$205,166,567</b>
<b>Program Caps</b>	<b>\$166,200,000</b>	<b>\$38,966,567</b>	<b>\$205,166,567</b>





Table 2: Investment by Cost Category

<i>Program/Budget Line</i>	<i>Make Ready: Pole to Meter (a)</i>	<i>Make Ready: Behind the Meter (b)</i>	<i>Demand Charge Rebate (c)</i>	<i>IT Systems (d)</i>	<i>Total (e=a+b+c+d)</i>
<b>RESIDENTIAL</b>					
<i>Residential Subtotal</i>	\$0	\$159,016	\$0	\$0	\$159,016
<b>MIXED USE / COMMERCIAL L2</b>					
<i>Mixed-Use Subtotal</i>	\$0	\$37,500	\$0	\$0	\$37,500
<b>DCFC PUBLIC CHARGING</b>					
<i>DCFC Subtotal</i>	\$0	\$0	\$292,680	\$0	\$292,680
<b>IT SYSTEMS</b>					
<i>IT Systems Subtotal</i>	\$0	\$0	\$0	\$3,650,182	\$3,650,182
<i>Reporting Period</i>	\$0	\$196,516	\$292,680	\$3,650,182	\$4,139,378
<i>Program-to-Date</i>	\$0	\$196,516	\$292,680	\$3,739,817	\$4,229,013
<i>Remaining Funding by Category</i>	\$43,750,000	\$111,053,484	\$4,707,320	\$2,460,183	\$161,970,987
<i>Total Program Forecast</i>	\$43,750,000	\$111,250,000	\$5,000,000	\$6,200,000	\$166,200,000
<i>Program Caps by Category</i>	\$43,750,000	\$111,250,000	\$5,000,000	\$6,200,000	\$166,200,000



Table 3: Investment by Labor, Materials & Other (“LM&O”) Costs

<i>Period</i>	<i>Labor (a)</i>	<i>Materials (b)</i>	<i>Other (c)</i>	<i>Total (d=a+b+c)</i>
<i>July</i>	\$76,965	\$0	\$457,247	\$534,212
<i>August</i>	\$80,379	\$0	\$748,511	\$828,890
<i>September</i>	\$94,513	\$0	\$121,706	\$216,220
<i>October</i>	\$58,789	\$0	\$484,023	\$542,813
<i>November</i>	\$40,847	\$0	\$449,596	\$490,443
<i>December</i>	\$109,565	\$0	\$1,417,235	\$1,526,801
<b>Reporting Period</b>	<b>\$461,059</b>	<b>\$0</b>	<b>\$3,678,319</b>	<b>\$4,139,378</b>

Table 4: Program Expenses by Cost Category

<i>Program/Budget Line</i>	<i>Administration &amp; Program Development (a)</i>	<i>Marketing, Education, and Outreach (b)</i>	<i>Data Acquisition (c)</i>	<i>Residential Vehicle Device Technical Trial (d)</i>	<i>Total (e=a+b+c+d)</i>
<b>RESIDENTIAL</b>					
<i>Residential Subtotal</i>	\$237,875	\$58,545	\$46,487		\$342,907
<b>MIXED USE / COMMERCIAL L2</b>					
<i>Mixed-Use Subtotal</i>	\$116,739	\$21,598	\$0		\$138,337
<b>DCFC PUBLIC CHARGING</b>					
<i>DCFC Subtotal</i>	\$105,697	\$21,522	\$0		\$127,219
<b>IT SYSTEMS</b>					
<i>IT Systems Subtotal</i>	-\$15,975	\$0	\$9,471		-\$6,504
<i>Reporting Period</i>	<b>\$444,336</b>	<b>\$101,664</b>	<b>\$55,958</b>	<b>\$0</b>	<b>\$601,958</b>
<i>Program-to-Date</i>	\$1,110,903	\$104,701	\$109,447	\$0	\$1,325,051
<i>Remaining Funding by Category</i>	\$15,509,097	\$7,895,299	\$13,667,120	\$570,000	\$37,641,516
<i>Total Program Forecast</i>	\$16,620,000	\$8,000,000	\$13,776,567	\$570,000	\$38,966,567
<i>Program Caps by Category</i>	\$16,620,000	\$8,000,000	\$13,776,567	\$570,000	\$38,966,567



Table 5: Expenses by Labor, Material & Other (“LM&O”) Costs

<b>2021</b>	<b>Labor (a)</b>	<b>Materials (b)</b>	<b>Other (c)</b>	<b>Total Expenses (d=a+b+c)</b>
<i>July</i>	\$102,181	\$64	-\$8,985	\$93,260
<i>August</i>	\$112,236	\$21,956	\$9,215	\$143,407
<i>September</i>	\$109,692	\$0	\$64,221	\$173,913
<i>October</i>	\$97,684	\$0	-\$24,600	\$73,084
<i>November</i>	\$31,840	\$0	\$36,005	\$67,845
<i>December</i>	\$57,390	\$935	-\$7,876	\$50,449
<b>Reporting Period</b>	<b>\$511,023</b>	<b>\$22,955</b>	<b>\$67,980</b>	<b>\$601,958</b>