

Katherine E. Smith  
Associate Counsel – Regulatory

Law Department  
PSEG Services Corporation  
80 Park Plaza, T10, Newark, New Jersey 07102-4194  
tel: 973-430-6996  
email: [katherine.smith@pseg.com](mailto:katherine.smith@pseg.com)



March 1, 2024

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**

Stacy Peterson  
Deputy Executive Director  
**New Jersey Board of Public Utilities**  
44 South Clinton Ave.  
P.O. Box 350  
Trenton, NJ 08625  
[stacy.peterson@bpu.nj.gov](mailto:stacy.peterson@bpu.nj.gov)

Brian Lipman  
Director  
**New Jersey Division of Rate Counsel**  
140 East Front Street, 4<sup>th</sup> Floor  
P.O. Box 003  
Trenton, NJ 08625  
[blipman@rpa.nj.gov](mailto:blipman@rpa.nj.gov)

**RE: CEF – EV PROGRAM BPU SEMI-ANNUAL REPORTS**

Dear Ms. Peterson 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 March 2024 semi-annual activity report for the Clean Energy Future – Electric Vehicle Program. The March 2024 report covers the period from July through December, 2023.

Also enclosed are revised versions of three previously-submitted reports that the Company recently discovered contain errors. The revised reports and corrections are as follows:

<b>Revised Report</b>	<b>Revised Section</b>	<b>Revised Information</b>
September 1, 2021	Table 1	Total Costs in Reporting Period, Program-to-Date, To-Go Forecast, and Total Program Forecast
September 1, 2022	Table 3	Total Investment in June 2022
March 1, 2023	Table 1	Investment for H2 2022
	Table 4	Administration & Program Development Remaining Funding by Category

Copies of the enclosed CEF-EV Semi-Annual Reports 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).

Please advise if you have any questions or comments.

Respectfully submitted,



Katherine E. Smith

Attachments

- EMAIL ONLY  
C Cathleen Lewis  
Michael Beck  
Dean Taklif

---

<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).

**Clean Energy Future – Electric Vehicle (EV) Program  
Semi-Annual Report to the Board of Public Utilities  
H2-2023 – July through December 2023**

**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: EV Charging Data Summary ..... 6  
     Residential EV Charging Data..... 6  
     DCFC Data Definitions ..... 6  
 Section 5: Tables..... 7  
     Table 1: CEF-EV Program Financial Summary ..... 7  
     Table 2: Investment by Cost Category ..... 8  
     Table 3: Investment by Labor, Materials & Other (“LM&O”) Costs ..... 9  
     Table 4: Program Expenses by Cost Category..... 10  
     Table 5: Expenses by Labor, Material & Other (“LM&O”) Costs ..... 11  
     Table 6: Residential EV Charging Data Summary ..... 12  
     Table 7: DCFC EV Charging Data Summary..... 13

## 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. Since that time PSE&G has continued to enroll eligible customers 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: Since program inception, PSE&G has invested a total of \$31M 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. Program to date, PSE&G has enrolled 51 customers with a total of 295 chargers to the DCFC Distribution Demand Charge Rebate.

### Funding Balance

See Table 2 for the usage and balance remaining of the \$5 million rebate funding. Since program inception, PSE&G distributed \$965,441 in demand charge rebates. There is \$4M 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. Since program inception, the CEF Program has enrolled 8,584 residential customers (8,775 Chargers), 130 Mixed Use Commercial customers (312 Chargers), and 51 DCFC customers in the CEF-EV Program (295 Chargers).

#### 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: EV Charging Data Summary

The CEF-EV Program semi-annual report will include a submittal of the following data:

- Residential EV Charging Data
- Direct Current Fast Charging (DCFC) Data

The submittal will provide the total energy consumed, capacity and transmission tags, measured demands, connected load, and the resulting load factor.

### Residential EV Charging Data

The Residential EV charging data is summarized in Table 6.

### DCFC Data Definitions

The DCFC EV charging data is summarized in Table 7.





Section 5: Tables

Table 1: CEF-EV Program Financial Summary

<i>Period</i>	<i>Investment</i>	<i>Expenses</i>	<i>Total</i>
<i>July</i>	\$1,354,501	\$288,573	\$1,643,074
<i>August</i>	\$1,944,639	\$318,581	\$2,263,220
<i>September</i>	\$1,953,419	\$359,880	\$2,313,299
<i>October</i>	\$1,959,943	\$420,772	\$2,380,715
<i>November</i>	\$1,955,843	\$277,724	\$2,233,567
<i>December</i>	\$1,251,908	\$554,764	\$1,806,672
<b>Period-to-Date</b>	<b>\$10,420,253</b>	<b>\$2,220,294</b>	<b>\$12,640,547</b>
<b>Program-to-Date</b>	<b>\$31,400,727</b>	<b>\$8,735,785</b>	<b>\$40,136,512</b>
<b>To-Go Forecast</b>	<b>\$134,799,273</b>	<b>\$30,230,782</b>	<b>\$165,030,055</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</i>	<i>Make Ready: Behind the Meter</i>	<i>Demand Charge Rebate</i>	<i>IT Systems</i>	<i>Total Investment for Reporting Period</i>
<b>RESIDENTIAL</b>					
<i>Residential Subtotal</i>	\$3,855,829	\$3,989,916	\$0	\$0	\$7,845,745
<b>MIXED USE / COMMERCIAL L2</b>					
<i>Mixed-Use Subtotal</i>	\$82,925	\$1,287,482	\$0	\$0	\$1,370,408
<b>DCFC PUBLIC CHARGING</b>					
<i>DCFC Subtotal</i>	\$310,480	\$709,864	\$184,870	\$0	\$1,205,215
<b>IT SYSTEMS</b>					
<i>IT Systems Subtotal</i>	\$0	\$0	\$0	-\$1,115	-\$1,115
<i>Reporting Period</i>	<b>\$4,249,235</b>	<b>\$5,987,262</b>	<b>\$184,870</b>	<b>-\$1,115</b>	<b>\$10,420,253</b>
<i>Program to Date</i>	\$9,545,147	\$14,693,023	\$965,441	\$6,197,251	\$31,400,862
<i>Remaining Funding by Category</i>	\$34,204,853	\$96,556,977	\$4,034,559	\$2,749	\$134,799,138
<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

<b>2023</b>	<b>Labor</b>	<b>Materials</b>	<b>Other</b>	<b>Total Investment</b>
<i>July</i>	\$0	\$0	\$1,354,501	<b>\$1,354,501</b>
<i>August</i>	\$0	\$0	\$1,944,639	<b>\$1,944,639</b>
<i>September</i>	\$0	\$0	\$1,953,419	<b>\$1,953,419</b>
<i>October</i>	\$0	\$0	\$1,959,943	<b>\$1,959,943</b>
<i>November</i>	\$0	\$0	\$1,955,843	<b>\$1,955,843</b>
<i>December</i>	\$0	\$0	\$1,251,908	<b>\$1,251,908</b>
<b>Reporting Period</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,420,253</b>	<b>\$10,420,253</b>

\*O/S = Outside Services



Table 4: Program Expenses by Cost Category

<i>Program/Budget Line</i>	<i>Administration &amp; Program Development</i>	<i>Marketing, Education, and Outreach</i>	<i>Data Acquisition</i>	<i>Residential Vehicle Device Technical Trial</i>	<i>Total Expenses for Reporting Period</i>
<b>RESIDENTIAL</b>					
<i>Residential Subtotal</i>	\$508,375	\$477,273	\$39,724	\$549,912	<b>\$1,575,284</b>
<b>Mixed-Use</b>					
<i>Mixed-Use Subtotal</i>	\$145,656	\$42,376	\$11,456	\$0	<b>\$199,488</b>
<b>DCFC</b>					
<i>DCFC Subtotal</i>	\$140,245	\$42,807	\$6,015	\$0	<b>\$189,066</b>
<b>IT Systems</b>					
<i>IT Systems Subtotal</i>	\$0	\$0	\$256,456	\$0	<b>\$256,456</b>
<i>Reporting Period</i>	<b>\$794,275</b>	<b>\$562,456</b>	<b>\$313,651</b>	<b>\$549,912</b>	<b>\$2,220,294</b>
<i>Program to Date</i>	\$4,918,389	\$1,476,316	\$1,790,114	\$549,912	\$8,734,730
<i>Remaining Funding by Category</i>	\$11,701,611	\$6,523,684	\$11,986,453	\$20,088	\$30,231,837
<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

<i>Period</i>	<i>Labor</i>	<i>Materials</i>	<i>Other</i>	<i>Total Expenses</i>
<i>July</i>	\$288,284	\$0	\$289	\$288,573
<i>August</i>	\$316,563	\$0	\$2,018	\$318,581
<i>September</i>	\$355,598	\$0	\$4,282	\$359,880
<i>October</i>	\$414,997	\$0	\$5,775	\$420,772
<i>November</i>	\$273,934	\$0	\$3,790	\$277,724
<i>December</i>	\$494,488	\$0	\$60,276	\$554,764
<b>Period Total</b>	<b>\$2,143,864</b>	<b>\$0</b>	<b>\$76,430</b>	<b>\$2,220,294</b>



Table 6: Residential EV Charging Data Summary

<i>Period</i>	<i>Off-Peak kWh's</i>	<i>On-Peak kWh's</i>	<i>Grand Total kWh's</i>
<i>July</i>	667,436	103,174	770,610
<i>August</i>	659,116	100,659	759,775
<i>September</i>	729,704	98,879	828,583
<i>October</i>	1,037,710	127,513	1,165,223
<i>November</i>	1,201,261	156,342	1,357,603
<i>December</i>	1,242,334	192,401	1,434,735
<b>Period Total</b>	<b>5,537,561</b>	<b>778,968</b>	<b>6,316,529</b>

kWh's=Kilowatt-Hours



Table 7: DCFC EV Charging Data Summary

<i>Using the 12-month period of January 2023 through December 2023</i>					
<i>Data</i>	<i>Units</i>	<i>Total</i>	<i>Minimum</i>	<i>Average</i>	<i>Maximum</i>
<i>Total Energy Consumed</i>	kWh	34,901,536	31,046	1,090,673	2,764,361
<i>Connected Load</i>	kW	28,934	100	933	2,250
<i>Load Factor</i>			2%	12%	20%
<i>Average Summer Demand</i>	kW		149	853	2,051
<i>Average Annual Demand</i>	kW		177	821	1,900
<i>PJM Capacity Obligation 1</i>	kW	January 1 – May 31	0	128	428
<i>PJM Capacity Obligation 2</i>	kW	June 1 – September 30	0	216	722
<i>PJM Capacity Obligation 3</i>	kW	October 1 – December 31	0	216	721
<i>PSEG Trans Obligation</i>	kW		0	195	529

KW=Kilowatt; kWh=Kilowatt-Hour

# CEF-EV Semi Annual Report September 2021 – REVISED



**Clean Energy Future – Electric Vehicle (EV) Program**  
**Semi-Annual Report to the Board of Public Utilities**  
**H1-2021 – January through June 2021**  
**Revised March 1, 2024**

## Table of Contents

Section 1: Estimated Quantity of 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: Summary of Program Investment & Expenses .....	6
Table 2: Investment by Cost Category.....	7
Table 3: Investment by Labor, Material & Other Costs .....	8
Table 4: Expenses by Cost Category .....	9
Table 5: Expenses by Labor, Material & Other Costs .....	10

## Section 1: Estimated Quantity of 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 CEF-EV Program.

Major Tasks Completed: Following Board approval on January 27, 2021, PSE&G initiated program development, including Infrastructure Technology (IT) architecture.

### Quantity Completed to Date

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

Quantity Completed: As of June 30, 2021, PSE&G has given no rebates for infrastructure development. PSE&G has invested in IT systems 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. PSE&G received 8 applications for the DCFC Distribution Demand Charge Rebate on June 30, 2021 that are under review.

### Funding Balance

See Table 2 for the balance remaining of the \$5 million rebate funding. No DCFC Distribution Demand Charge Rebates were issued this reporting period.

### 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.

#### 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: Summary of Program Investment & Expenses

Summary of Program Investment & Expenses

Utility Name: PSE&G  
Program Name: Clean Energy Future - Electric Vehicles  
BPU Docket No. EO18101111

<i>Period</i>	<i>Investment (a)</i>	<i>Expenses (b)</i>	<i>Total (c=a+b)</i>
<b>H1 2021</b>	<b>\$89,635</b>	<b>\$723,093</b>	<b>\$812,728</b>
<i>January</i>	\$0	\$0	\$0
<i>February</i>	\$0	\$0	\$0
<i>March</i>	\$0	\$337,327	\$337,327
<i>April</i>	\$0	\$65,997	\$65,997
<i>May</i>	\$20,494	\$180,627	\$201,120
<i>June</i>	\$69,141	\$139,142	\$208,282
<b>Period-to-Date</b>	<b>\$89,635</b>	<b>\$723,093</b>	<b>\$812,728</b>
<b>Program-to-Date</b>	<b>\$89,635</b>	<b>\$723,093</b>	<b>\$812,728</b>
<b>To-Go Forecast</b>	<b>\$166,110,365</b>	<b>\$38,243,474</b>	<b>\$204,353,839</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

**Program Investment by Cost Category**

Utility Name: PSE&G

Program Name: Clean Energy Future - Electric Vehicles

BPU Docket No. EO18101111

Reporting Period: January 1, 2021 thru June 30, 2021

<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 Investment for Reporting Period (e=a+b+c+d)</i>
<b>RESIDENTIAL</b>					
<i>Residential Subtotal</i>	\$0	\$0	\$0	\$0	\$0
<b>MIXED USE / COMMERICAL L2</b>					
<i>Mixed Use Commerical Subtotal</i>	\$0	\$0	\$0	\$0	\$0
<b>DCFC PUBLIC CHARGING</b>					
<i>DCFC Subtotal</i>	\$0	\$0	\$0	\$0	\$0
<b>IT SYSTEMS</b>					
<i>IT Systems Subtotal</i>	\$0	\$0	\$0	\$89,635	\$89,635
<b>TOTAL INVESTMENT BY CATEGORY</b>	\$0	\$0	\$0	\$89,635	\$89,635
<b>PROGRAM CAPS BY CATEGORY</b>	\$43,750,000	\$111,250,000	\$5,000,000	\$6,200,000	\$166,200,000
<b>REMAINING FUNDING BY CATEGORY</b>	\$43,750,000	\$111,250,000	\$5,000,000	\$6,110,365	\$166,110,365



**Table 3: Investment by Labor, Material & Other Costs**

**Program Investment LM&O**

**Utility Name:** PSE&G

**Program Name:** Clean Energy Future - Electric Vehicles

**BPU Docket No.** EO18101111

**Reporting Period:** January 1, 2021 thru June 30, 2021

<b>2021</b>	<b>Labor (a)</b>	<b>Materials (b)</b>	<b>Other (c)</b>	<b>Total Expenses (d=a+b+c)</b>
<i>January</i>	\$0	\$0	\$0	\$0
<i>February</i>	\$0	\$0	\$0	\$0
<i>March</i>	\$0	\$0	\$0	\$0
<i>April</i>	\$0	\$0	\$0	\$0
<i>May</i>	\$18,164	\$0	\$2,330	\$20,494
<i>June</i>	\$56,374	\$0	\$12,767	\$69,141
<b>Period Total</b>	<b>\$74,538</b>	<b>\$0</b>	<b>\$15,097</b>	<b>\$89,635</b>





Table 4: Expenses by Cost Category

Program Expenses by Cost Category

Utility Name: PSE&G

Program Name: Clean Energy Future - Electric Vehicles

BPU Docket No. EO18101111

Reporting Period: January 1, 2021 thru June 30, 2021

<i>Program/Budget Line</i>	<i>Administration &amp; Program Development (a)</i>	<i>Marketing, Education &amp; Outreach (b)</i>	<i>Data Acquisition (c)</i>	<i>Residential Vehicle Device Technical Trial (d)</i>	<i>Total Expenses for Reporting Period (e=a+b+c+d)</i>
<b>RESIDENTIAL</b>					
<i>Residential Subtotal</i>	\$299,186	\$1,067	\$21,018	\$0	\$321,271
<b>MIXED USE / COMMERCIAL L2</b>					
<i>Mixed Use Commercial Subtotal</i>	\$107,228	\$903	\$0	\$0	\$108,131
<b>DCFC PUBLIC CHARGING</b>					
<i>DCFC Subtotal</i>	\$131,554	\$1,067	\$0	\$0	\$132,621
<b>IT SYSTEMS</b>					
<i>IT Systems Subtotal</i>	\$128,598	\$0	\$32,471	\$0	\$161,069
<b>TOTAL EXPENSES BY CATEGORY</b>	\$666,567	\$3,037	\$53,489	\$0	\$723,092
<b>PROGRAM CAPS BY CATEGORY</b>	\$16,620,000	\$8,000,000	\$13,776,567	\$570,000	\$38,966,567



**Table 5: Expenses by Labor, Material & Other Costs**

**Program Expenses LM&O**

**Utility Name:** PSE&G

**Program Name:** Clean Energy Future - Electric Vehicles

**BPU Docket No.** EO18101111

**Reporting Period:** January 1, 2021 thru June 30, 2021

<b>2021</b>	<b>Labor (a)</b>	<b>Materials (b)</b>	<b>Other (c)</b>	<b>Total Expenses (d=a+b+c)</b>
<i>January</i>	\$0	\$0	\$0	\$0
<i>February</i>	\$0	\$0	\$0	\$0
<i>March</i>	\$77,327	\$0	\$260,000	\$337,327
<i>April</i>	\$59,247	\$0	\$6,750	\$65,997
<i>May</i>	\$58,909	\$0	\$121,718	\$180,627
<i>June</i>	\$77,958	\$0	\$61,184	\$139,142
<b>Period Total</b>	<b>\$273,441</b>	<b>\$0</b>	<b>\$449,651</b>	<b>\$723,093</b>

# CEF-EV Semi Annual Report September 2022 – REVISED

**Clean Energy Future – Electric Vehicle (EV) Program  
Semi-Annual Report to the Board of Public Utilities  
H1-2022 – January through June 2022  
Revised March 1, 2024**

## Table of Contents

Section 1: Estimated Quantity of Make-Ready Work.....	3
Quantity of Work .....	3
Quantity Completed to Date .....	3
Section 3: DCFC Distribution Demand Charge Rebate .....	4
Program Usage .....	4
Funding Balance .....	4
Section 2: 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 June 30, 2020, PSE&G has invested a total of \$7.3M 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 3: 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. Program to date, PSE&G has enrolled 33 customers to the DCFC Distribution Demand Charge Rebate, comprising of 242 chargers.

#### Funding Balance

See Table 2 for the usage and balance remaining of the \$5 million rebate funding. As of June 30, 2022, PSE&G distributed \$482,768 in demand charge rebates for this reporting period. There is \$4.5M remaining in the funding.

## Section 2: 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 June 30, 2021, the CEF Program has enrolled 670 residential customers (678 Chargers), 11 Mixed Use Commercial customers (17 Chargers), and 33 DCFC customers in the CEF-EV Program (242 Chargers).

### 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

Summary of Program Investment & Expenses

<i>Period</i>	<i>Investment</i>	<i>Expenses</i>	<i>Total</i>
<b>H1 2022</b>	<b>\$3,117,853</b>	<b>\$964,393</b>	<b>\$4,082,246</b>
<i>January</i>	\$716,318	\$90,893	<b>\$807,211</b>
<i>February</i>	\$601,843	\$153,420	<b>\$755,263</b>
<i>March</i>	\$609,068	\$181,442	<b>\$790,510</b>
<i>April</i>	\$319,678	\$188,446	<b>\$508,124</b>
<i>May</i>	\$567,202	\$92,147	<b>\$659,349</b>
<i>June</i>	\$303,744	\$258,045	<b>\$561,789</b>
<b>Period-to-Date</b>	<b>\$3,117,853</b>	<b>\$964,393</b>	<b>\$4,082,246</b>
<b>Program-to-Date</b>	<b>\$7,238,549</b>	<b>\$2,289,444</b>	<b>\$9,527,993</b>
<b>To-Go Forecast</b>	<b>\$158,961,451</b>	<b>\$36,677,123</b>	<b>\$195,638,574</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

Reported Program Investment by Cost Category

<i>Program/Budget Line</i>	<i>Make Ready: Pole to Meter</i>	<i>Make Ready: Behind the Meter</i>	<i>Demand Charge Rebate</i>	<i>IT Systems</i>	<i>Total Investment for Reporting Period</i>
<b>RESIDENTIAL</b>					
<i>Residential Subtotal</i>	\$0	\$684,491	\$0	\$0	\$684,491
<b>MIXED USE / COMMERCIAL L2</b>					
<i>Mixed-Use Subtotal</i>	\$0	\$84,980	\$0	\$0	\$84,980
<b>DCFC PUBLIC CHARGING</b>					
<i>DCFC Subtotal</i>	\$0	\$49,950	\$190,088	\$0	\$240,038
<b>IT SYSTEMS</b>					
<i>IT Systems Subtotal</i>	\$0	\$0	\$0	\$2,108,344	\$2,108,344
<i>Reporting Period</i>	\$0	\$819,421	\$190,088	\$2,108,344	\$3,117,853
<i>Program to Date</i>	\$0	\$1,015,937	\$482,768	\$5,848,161	\$7,346,866
<i>Remaining Funding by Category</i>	\$43,750,000	\$110,234,063	\$4,517,232	\$351,839	\$158,853,134
<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

<b>2022</b>	<b>Labor</b>	<b>Materials</b>	<b>Other (Incentives, O/S, AFUDC)*</b>	<b>Total Investment</b>
<i>January</i>	\$42,931	\$0	\$673,387	<b>\$716,318</b>
<i>February</i>	\$32,290	\$0	\$569,553	<b>\$601,843</b>
<i>March</i>	\$11,930	\$0	\$597,137	<b>\$609,068</b>
<i>April</i>	\$13,837	\$0	\$305,841	<b>\$319,678</b>
<i>May</i>	\$5,278	\$0	\$561,924	<b>\$567,202</b>
<i>June</i>	\$5,996	\$0	\$297,748	<b>\$294,207</b>
<b>Reporting Period</b>	<b>\$112,262</b>	<b>\$0</b>	<b>\$3,005,590</b>	<b>\$3,117,852</b>

\*O/S = Outside Services, AFUDC = Allowed Funds Used During Construction



Table 4: Program Expenses by Cost Category

Reported Program Investment by Cost Category

<i>Program/Budget Line</i>	<i>Administration &amp; Program Development</i>	<i>Marketing, Education, and Outreach</i>	<i>Data Acquisition</i>	<i>Residential Vehicle Device Technical Trial</i>	<i>Total Expenses for Reporting Period</i>
<b>RESIDENTIAL</b>					
<i>Residential Subtotal</i>	\$347,596	\$64,420	\$20,753	\$0	<b>\$432,769</b>
<b>Mixed-Use</b>					
<i>Mixed-Use Subtotal</i>	\$124,520	\$35,960	\$17,524	\$0	<b>\$178,004</b>
<b>DCFC</b>					
<i>DCFC Subtotal</i>	\$118,261	\$34,578	\$13,516	\$0	<b>\$166,355</b>
<b>IT Systems</b>					
<i>IT Systems Subtotal</i>	\$0	\$0	\$187,264	\$0	<b>\$187,264</b>
<i>Reporting Period</i>	<b>\$590,377</b>	<b>\$134,958</b>	<b>\$239,057</b>	<b>\$0</b>	<b>\$964,392</b>
<i>Program to Date</i>	\$1,701,280	\$239,659	\$348,504	\$0	\$2,289,443
<i>Remaining Funding by Category</i>	\$14,918,720	\$7,760,341	\$13,428,063	\$570,000	\$36,677,127
<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

<i>Period</i>	<i>Labor</i>	<i>Materials</i>	<i>Other</i>	<i>Total Expenses</i>
<i>January</i>	\$90,893	\$0	\$0	\$90,893
<i>February</i>	\$153,420	\$0	\$0	\$153,420
<i>March</i>	\$181,443	\$0	\$0	\$181,443
<i>April</i>	\$184,903	\$0	\$3,543	\$188,446
<i>May</i>	\$91,022	\$0	\$1,125	\$92,147
<i>June</i>	\$252,631	\$0	\$5,413	\$258,044
<b>Period Total</b>	<b>\$954,312</b>	<b>\$0</b>	<b>\$10,081</b>	<b>\$964,393</b>

# CEF-EV Semi Annual Report March 2023 – REVISED

**Clean Energy Future – Electric Vehicle (EV) Program  
Semi-Annual Report to the Board of Public Utilities  
H2-2022 – July through December 2022  
Revised March 1, 2024**

## 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 June 30, 2020, PSE&G has invested a total of \$13M 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. Program to date, PSE&G has enrolled 35 customers to the DCFC Distribution Demand Charge Rebate, comprising of 252 chargers.

### Funding Balance

See Table 2 for the usage and balance remaining of the \$5 million rebate funding. As of June 30, 2021, PSE&G distributed \$628,777 in demand charge rebates for this reporting period. There is \$4.4M 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 June 30, 2021, the CEF Program has enrolled 1,974 residential customers (1,995 Chargers), 33 Mixed Use Commercial customers (63 Chargers), and 35 DCFC customers in the CEF-EV Program (252 Chargers).

#### 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

#### Summary of Program Investment & Expenses

<i>Period</i>	<i>Investment</i>	<i>Expenses</i>	<i>Total</i>
<b>H2 2022</b>	<b>\$5,691,334</b>	<b>\$1,710,798</b>	<b>\$7,402,132</b>
<i>July</i>	\$1,105,954	\$743,625	<b>\$1,849,579</b>
<i>August</i>	\$397,345	\$211,971	<b>\$609,316</b>
<i>September</i>	\$1,022,141	\$207,177	<b>\$1,229,318</b>
<i>October</i>	\$1,008,309	\$187,788	<b>\$1,196,097</b>
<i>November</i>	\$819,372	\$160,819	<b>\$980,191</b>
<i>December</i>	\$1,338,213	\$199,418	<b>\$1,537,631</b>
<b>Period-to-Date</b>	<b>\$5,691,334</b>	<b>\$1,710,798</b>	<b>\$7,402,132</b>
<b>Program-to-Date</b>	<b>\$12,988,098</b>	<b>\$4,000,242</b>	<b>\$16,988,340</b>
<b>To-Go Forecast</b>	<b>\$153,211,902</b>	<b>\$34,966,325</b>	<b>\$188,178,227</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

Reported Program Investment by Cost Category

<i>Program/Budget Line</i>	<i>Make Ready: Pole to Meter</i>	<i>Make Ready: Behind the Meter</i>	<i>Demand Charge Rebate</i>	<i>IT Systems</i>	<i>Total Investment for Reporting Period</i>
<b>RESIDENTIAL</b>					
<i>Residential Subtotal</i>	\$1,929,859	\$1,660,600	\$0	\$0	\$3,590,459
<b>MIXED USE / COMMERCIAL L2</b>					
<i>Mixed-Use Subtotal</i>	\$61,386	\$366,843	\$0	\$0	\$428,229
<b>DCFC PUBLIC CHARGING</b>					
<i>DCFC Subtotal</i>	\$888,648	\$200,000	\$210,532	\$0	\$1,299,180
<b>IT SYSTEMS</b>					
<i>IT Systems Subtotal</i>	\$0	\$0	\$0	\$377,264	\$377,264
<i>Reporting Period</i>	<b>\$2,879,893</b>	<b>\$2,227,443</b>	<b>\$210,532</b>	<b>\$377,264</b>	<b>\$5,695,131</b>
<i>Program to Date</i>	\$2,879,893	\$3,305,000	\$628,777	\$6,174,428	\$12,988,098
<i>Remaining Funding by Category</i>	\$40,870,107	\$107,945,000	\$4,371,223	\$25,572	\$153,211,902
<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

<b>2022</b>	<b>Labor</b>	<b>Materials</b>	<b>Other (Incentives, O/S)*</b>	<b>Total Investment</b>
<i>July</i>	\$4,192	\$0	\$1,105,954	<b>\$1,110,146</b>
<i>August</i>	\$2,034	\$0	\$395,311	<b>\$397,345</b>
<i>September</i>	\$1,224	\$0	\$1,022,141	<b>\$1,023,365</b>
<i>October</i>	\$122	\$0	\$1,008,187	<b>\$1,008,309</b>
<i>November</i>	\$46	\$0	\$819,372	<b>\$819,418</b>
<i>December</i>	\$0	\$0	\$1,342,010	<b>\$1,342,010</b>
<b>Reporting Period</b>	<b>\$7,618</b>	<b>\$0</b>	<b>\$5,692,975</b>	<b>\$5,700,593</b>

\*O/S = Outside Services,



Table 4: Program Expenses by Cost Category

Reported Program Investment by Cost Category

<i>Program/Budget Line</i>	<i>Administration &amp; Program Development</i>	<i>Marketing, Education, and Outreach</i>	<i>Data Acquisition</i>	<i>Residential Vehicle Device Technical Trial</i>	<i>Total Expenses for Reporting Period</i>
<b>RESIDENTIAL</b>					
<i>Residential Subtotal</i>	\$395,572	\$178,088	\$18,074	\$0	\$591,734
<b>Mixed-Use</b>					
<i>Mixed-Use Subtotal</i>	\$166,956	\$48,414	\$17,159	\$0	\$232,529
<b>DCFC</b>					
<i>DCFC Subtotal</i>	\$148,432	\$46,208	\$11,987	\$0	\$206,627
<b>IT Systems</b>					
<i>IT Systems Subtotal</i>	\$0	\$0	\$679,808	\$0	\$679,808
<i>Reporting Period</i>	<b>\$710,960</b>	<b>\$272,710</b>	<b>\$727,028</b>	<b>\$0</b>	<b>\$1,710,798</b>
<i>Program to Date</i>	\$2,412,241	\$512,368	\$1,075,532	\$0	\$4,000,141
<i>Remaining Funding by Category</i>	\$13,787,759	\$7,487,632	\$12,701,035	\$570,000	\$34,966,326
<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

<i>Period</i>	<i>Labor</i>	<i>Materials</i>	<i>Other</i>	<i>Total Expenses</i>
<i>July</i>	\$234,911	\$0	\$508,713	\$743,625
<i>August</i>	\$211,308	\$0	\$663	\$211,971
<i>September</i>	\$205,764	\$0	\$1,413	\$207,177
<i>October</i>	\$187,302	\$0	\$486	\$187,788
<i>November</i>	\$159,684	\$0	\$1,134	\$160,819
<i>December</i>	\$195,731	\$0	\$3,688	\$199,418
<b>Period Total</b>	<b>\$1,194,700</b>	<b>\$0</b>	<b>\$516,098</b>	<b>\$1,710,797</b>