



August 31, 2021

In the Matter of the Petition of
Public Service Electric and Gas Company
for Approval of a Solar Generation Investment
Program and an Associated Cost Recovery Mechanism
BPU Docket No. EO09020125

VIA E-MAIL MAIL ONLY

Aida Camacho-Welch, Secretary
New Jersey Board of Public Utilities
44 South Clinton Ave., 9th Floor
P.O. Box 350
Trenton, New Jersey 08625-0350

RE: SOLAR 4 ALL MONTHLY ACTIVITY REPORT – JULY 2021

Dear Secretary Camacho-Welch:

Pursuant to the Board's August 3, 2009 Order in the above referenced matter and subsequent discussions between PSE&G and Board Staff, enclosed are copies of the confidential and redacted public versions of Public Service Electric and Gas Company's Solar 4 All Monthly Program Activity Report for July 2021 ("Report").

As indicated, the Report contains proprietary, commercially sensitive financial information and portions of the Report are entitled to confidential treatment pursuant to Board regulations set forth at N.J.A.C. 14:1-12. Accordingly, PSE&G requests that the Board accord the redacted portions of the Report confidential treatment in accordance with those regulations, and that the redacted portions of the Report not be subject to public disclosure. In support of this request PSE&G submits the Affidavit of Todd Hranicka. Public Service is also serving Rate Counsel with the public and confidential versions of the Report and with Mr. Hranicka's Affidavit. By copy of this letter, it is respectfully requested that Rate Counsel maintain the confidentiality of this material as well.

Copies of the Solar 4 All Extension Monthly Activity Report – July 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 The report will also be e-mailed to the persons identified on the service list associated with this report.

Please advise if you have any questions or comments.

Respectfully submitted,

A handwritten signature in blue ink that reads "Matthew Weissman".

Matthew M. Weissman

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).

C Scott Hunter
Rachel Boylan
Brian Lipman
Linda Wetzel
Stacy Peterson

5. PSE&G requests that the Board maintain the confidentiality of the Competitive Information for an indefinite period of time. The release of PSE&G's Competitive Information from the past years may enable PSE&G's competitors to make an educated guess at PSE&G's current bidding process. For this reason, the confidentiality of the Competitive Information should be maintained for an indefinite period of time.

6. Therefore, the Board should grant PSE&G's request for confidential treatment of a portion of the report, redacting the specific project cost information. A proposed form of a redacted report is being filed with this affidavit.

7. I swear that the foregoing statements are true to the best of my knowledge.

8. PSE&G submits the following as the addressee for communications from the custodian for this information under *N.J.A.C. 14:2-12.1. et. Seq.* The Company hereby requests that all custodian communications (oral and written), including, without limitation, the notices listed in *N.J.A.C. 14:1-12.7* and *12.9* be directed to the following designee:

Matthew M. Weissman, Esq.
Managing Counsel - State Regulatory
Public Service Electric and Gas Company
80 Park Plaza - T5G
Newark, New Jersey 07102
Tel. No. (973) 430-7052
Fax. No. (973) 430-5983
E-mail: Matthew.Weissman@pseg.com



DocuSigned by:
Todd Hranicka
7A4DB84A392E460...
Todd Hranicka

Sworn to and Subscribed to

Before me this 31st day of August 2021

Melody A. Simpson

MELODY A SIMPSON
NOTARY PUBLIC
STATE OF NEW JERSEY
MY COMMISSION EXPIRES MARCH 1, 2026



Public Service Electric and Gas Company

Solar 4 All Extension

Monthly Activity Report

BPU Docket No. EO12080721

For the period 07/01/2021 through 07/31/2021

REDACTED

Summary of Installed Units, Capacity, and Funds Expended		Properly Closed Landfill/Brownfield Segment			
Period	Capacity (kW) Installed	# of Projects	Funds Expended (\$) Investment	Funds Expended (\$) Administrative	Funds Committed (\$)
2013 Total	-	-	\$ -	\$ 139,637	\$ -
2014 Total	21,314	3	\$ 47,914,394	\$ 260,124	\$ 83,325,305
2015 Total	12,930	-	\$ 43,218,421	\$ 1,356,426	\$ -
2016 Total	7,750	1	\$ 19,817,084	\$ 2,437,216	\$ 19,388,108
2017 Total	-	-	\$ 411,540	\$ 3,103,271	\$ -
2018 Total	-	-	\$ 51,550	\$ 3,245,071	\$ -
2019 Total	-	-	\$ 103,439	\$ 3,887,808	\$ -
2020 Total	-	-	\$ (227,675)	\$ 3,339,105	\$ -
2021					
January	-	-	\$ -	\$ 93,078	\$ -
February	-	-	\$ -	\$ 72,818	\$ -
March	-	-	\$ -	\$ 713,613	\$ -
April	-	-	\$ -	\$ 77,369	\$ -
May	-	-	\$ -	\$ 116,521	\$ -
June	-	-	\$ -	\$ 687,689	\$ -
July	-	-	\$ -	\$ 65,524	\$ -
August					
September					
October					
November					
December					
Current Month	-	-	\$ -	\$ 65,524	\$ -
Year-to-Date	-	-	\$ -	\$ 1,826,612	\$ -
Program-to-Date	41,994	4	\$ 111,288,753	\$ 19,595,269	\$ 102,713,413

Key

Funds Expended (Investment): Investment

Funds Expended (Admin): Administrative Dollars, O&M

SREC Auction Proceeds: Net amount received from SREC auctions

Funds Committed: Committed \$ per EPC Contract

of Projects: Number of projects included in Capacity Installed (kW) by month



Public Service Electric and Gas Company

Solar 4 All Extension

Monthly Activity Report

BPU Docket No. EO12080721

For the period 07/01/2021 through 07/31/2021

REDACTED

Summary of Installed Units, Capacity, and Funds Expended	Underutilized Government Facilities Segment				
Period	Capacity (kW) Installed	# of Projects	Funds Expended (\$) Investment	Funds Expended (\$) Administrative	Funds Committed (\$)
2013 Total	-	-	\$ -	\$ 1,772	\$ -
2014 Total	-	-	\$ -	\$ 2,961	\$ -
2015 Total	-	-	\$ -	\$ -	\$ -
2016 Total	-	-	\$ -	\$ -	\$ -
2017 Total	-	-	\$ -	\$ -	\$ -
2018 Total	-	-	\$ -	\$ -	\$ -
2019 Total	-	-	\$ -	\$ -	\$ -
2020 Total	-	-	\$ -	\$ -	\$ -
2021					
January	-	-	\$ -	\$ -	\$ -
February	-	-	\$ -	\$ -	\$ -
March	-	-	\$ -	\$ -	\$ -
April	-	-	\$ -	\$ -	\$ -
May	-	-	\$ -	\$ -	\$ -
June	-	-	\$ -	\$ -	\$ -
July	-	-	\$ -	\$ -	\$ -
August					
September					
October					
November					
December					
Current Month	-	-	\$ -	\$ -	\$ -
Year-to-Date	-	-	\$ -	\$ -	\$ -
Program-to-Date	-	-	\$ -	\$ 4,733	\$ -

Key

Funds Expended (Investment): Investment

Funds Expended (Admin): Administrative Dollars, O&M

SREC Auction Proceeds: Net amount received from SREC auctions

Funds Committed: Committed \$ per EPC Contract

of Projects: Number of projects included in Capacity Installed (kW) by month



Public Service Electric and Gas Company

Solar 4 All Extension

Monthly Activity Report

BPU Docket No. EO12080721

For the period 07/01/2021 through 07/31/2021

REDACTED

Summary of Installed Units, Capacity, and Funds Expended					
Period	Grid Security/Storm Preparedness Segment				
	Capacity (kW) Installed	# of Projects	Funds Expended (\$) Investment	Funds Expended (\$) Administrative	Funds Committed (\$)
2013 Total	-	-	\$ -	\$ 1,661	\$ -
2014 Total	-	-	\$ -	\$ 66,428	\$ -
2015 Total	876	1	\$ 5,315,078	\$ 122,752	\$ 4,601,359
2016 Total	1,114	2	\$ 7,193,467	\$ 205,221	\$ 6,783,427
2017 Total	404	1	\$ 4,116,920	\$ 332,089	\$ 2,969,571
2018 Total	-	-	\$ 340,743	\$ 372,686	\$ -
2019 Total	605	1	\$ 5,061,849	\$ 500,436	\$ 4,601,421
2020 Total	-	-	\$ 1,041,454	\$ 566,429	\$ -
2021					
January	-	-	\$ -	\$ 27,084	\$ -
February	-	-	\$ -	\$ 25,636	\$ -
March	-	-	\$ -	\$ 64,616	\$ -
April	-	-	\$ -	\$ 30,789	\$ -
May	-	-	\$ -	\$ 60,441	\$ -
June	-	-	\$ -	\$ 66,546	\$ -
July	-	-	\$ -	\$ 34,456	\$ -
August					
September					
October					
November					
December					
Current Month	-	-	\$ -	\$ 34,456	\$ -
Year-to-Date	-	-	\$ -	\$ 309,568	\$ -
Program-to-Date	2,999	5	\$ 23,069,512	\$ 2,477,271	\$ 18,955,778

Key

Funds Expended (Investment): Investment

Funds Expended (Admin): Administrative Dollars, O&M

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Funds Committed: Committed \$ per EPC Contract

of Projects: Number of projects included in Capacity Installed (kW) by month



Public Service Electric and Gas Company

Solar 4 All Extension

Monthly Activity Report

BPU Docket No. EO12080721

For the period 07/01/2021 through 07/31/2021

REDACTED

Summary of Installed Units, Capacity, and Funds Expended		Innovative Parking Lot Applications Segment			
Period	Capacity (kW) Installed	# of Projects	Funds Expended (\$) Investment	Funds Expended (\$) Administrative	Funds Committed (\$)
2013 Total	-	-	\$ -	\$ 1,772	\$ -
2014 Total	-	-	\$ -	\$ 55,471	\$ -
2015 Total	-	-	\$ -	\$ 42,151	\$ -
2016 Total	-	-	\$ -	\$ -	\$ -
2017 Total	-	-	\$ -	\$ -	\$ -
2018 Total	-	-	\$ -	\$ -	\$ -
2019 Total	-	-	\$ -	\$ -	\$ -
2020 Total	-	-	\$ -	\$ -	\$ -
2021					
January	-	-	\$ -	\$ -	\$ -
February	-	-	\$ -	\$ -	\$ -
March	-	-	\$ -	\$ -	\$ -
April	-	-	\$ -	\$ -	\$ -
May	-	-	\$ -	\$ -	\$ -
June	-	-	\$ -	\$ -	\$ -
July	-	-	\$ -	\$ -	\$ -
August					
September					
October					
November					
December					
Current Month	-	-	\$ -	\$ -	\$ -
Year-to-Date	-	-	\$ -	\$ -	\$ -
Program-to-Date	-	-	\$ -	\$ 99,395	\$ -

Key

Funds Expended (Investment): Investment

Funds Expended (Admin): Administrative Dollars, O&M

SREC Auction Proceeds: Net amount received from SREC auctions

Funds Committed: Committed \$ per EPC Contract

of Projects: Number of projects included in Capacity Installed (kW) by month



Public Service Electric and Gas Company

Solar 4 All Extension

Monthly Activity Report

BPU Docket No. EO12080721

For the period 07/01/2021 through 07/31/2021

REDACTED

Summary of Installed Units, Capacity, and Funds Expended					
Period	Total				
	Capacity (kW) Installed	# of Projects	Funds Expended (\$) Investment	Funds Expended (\$) Administrative	Funds Committed (\$)
2013 Total	-	-	\$ -	\$ 144,842	\$ -
2014 Total	21,314	3	\$ 47,914,394	\$ 384,984	\$ 83,325,305
2015 Total	13,806	1	\$ 48,533,499	\$ 1,521,330	\$ 4,601,359
2016 Total	8,864	3	\$ 27,010,550	\$ 2,642,437	\$ 26,171,535
2017 Total	404	1	\$ 4,528,460	\$ 3,435,360	\$ 2,969,571
2018 Total	-	-	\$ 392,293	\$ 3,617,757	\$ -
2019 Total	605	1	\$ 5,165,288	\$ 4,388,244	\$ 4,601,421
2020 Total	-	-	\$ 813,779	\$ 3,905,534	\$ -
2021					
January	-	-	\$ -	\$ 120,162	\$ -
February	-	-	\$ -	\$ 98,454	\$ -
March	-	-	\$ -	\$ 778,229	\$ -
April	-	-	\$ -	\$ 108,158	\$ -
May	-	-	\$ -	\$ 176,962	\$ -
June	-	-	\$ -	\$ 754,235	\$ -
July	-	-	\$ -	\$ 99,980	\$ -
August					
September					
October					
November					
December					
Current Month	-	-	\$ -	\$ 99,980	\$ -
Year-to-Date	-	-	\$ -	\$ 2,136,180	\$ -
Program-to-Date	44,993	9	\$ 134,358,264	\$ 22,176,668	\$ 121,669,191

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Funds Committed: Committed \$ per EPC Contract

of Projects: Number of projects included in Capacity Installed (kW) by month



Public Service Electric and Gas Company

Solar 4 All Extension

Monthly Activity Report

Project Revenue Information		Project Performance						Revenues by Reporting Month		
Project Number	Project Name	Interconnection Voltage	Capacity (kW)	Peak Delivered Hourly Capacity	Expected Annual Production (kWh) *	Monthly Measured Production (kWh)	Anticipated Annual SREC Revenue**	Actual SREC Revenue	Actual Energy Sales Revenue	Actual Capacity Sales Revenue***
1	Kinsley Landfill	13 kV	11,178.55	6.457	14,208,769	1,564,481	\$ 3,068,526	\$ 412,402	\$ 54,016	\$ -
2	Parklands Landfill	26 kV	10,135.46	7.287	13,048,588	1,407,628	\$ 2,817,973	\$ 343,921	\$ 45,046	\$ -
3	L&D Landfill	26 kV	12,930.00	10.449	17,364,758	1,905,846	\$ 3,750,093	\$ 501,277	\$ 65,656	\$ -
4	ILR Landfill	26 kV	7,746.00	6.118	9,522,541	1,120,027	\$ 2,056,488	\$ 303,787	\$ 39,789	\$ -
5	Hopewell Valley HS	13 kV	876.06	0.619	880,340	107,805	\$ 190,118	\$ 27,576	\$ 3,612	\$ -
6	Cooper Hospital	13 kV	218.00	0.153	223,055	28,109	\$ 48,171	\$ 7,618	\$ 998	\$ -
7	Caldwell Sewage Treatment	13 kV	896.00	0.666	977,064	110,340	\$ 211,007	\$ 29,501	\$ 3,864	\$ -
8	Pennington DPW	13 kV	403.00	0.321	457,940	49,766	\$ 98,897	\$ 13,555	\$ 1,775	\$ -
9	Highland Park	4Kv	604.80	0.449	595,603	74,900	\$ 128,626	\$ 20,221	\$ 2,649	\$ -
Current Month						6,368,903		\$ 1,659,858	\$ 217,405	\$ -
Year-to-Date						35,355,510		\$ 6,395,488	\$ 959,581	\$ -
Program-to-Date						317,187,213		\$ 70,741,294	\$ 8,794,497	\$ 2,372,311

Key

- * Per EPC Contractor Bid Submittal Estimate
- ** Assumed SREC Value = \$ 215.99
- Peak Delivered Hourly Capacity is the peak hourly MW-ac observed during the reporting month
- *** S4A has exited the capacity market as of 5/31/2020; no capacity revenue will be reported moving forward



Public Service Electric and Gas Company

Solar 4 All Extension
 Monthly Activity Report
 BPU Docket No. EO12080721
 For the period 07/01/2021 through 07/31/2021

REDACTED

Project Number	Project Name	Project Costs (Program to Date)									Operational Costs			
		Design Costs	Batteries	Panel Costs	Inverter Costs	Balance of System Cost	PSE&G Labor Cost	non PSE&G Labor Cost	Soft Costs (incl permitting and interconnection)	Other Costs Assoc'd with Installed Project	Total Costs	Annual Lease Payments	Quantity of Panels Installed	Panel Manufacturer
1	Kinsley Landfill											\$ 723,314	36,841	Canadian Solar
2	Parklands Landfill											\$ 572,612	33,402	Canadian Solar
3	L&D Landfill											\$ 812,024	42,400	Canadian Solar
4	Hopewell Valley HS											\$ 51,840	2,846	Trina Solar
5	Cooper Hospital											\$ 13,183	693	JA Solar
6	ILR Landfill											\$ 351,078	23,834	Hyundai
7	Caldwell Sewage Treatment											\$ 52,204	2,790	Hanwha/Solar World
8	Pennington DPW											\$ 22,987	1,188	Trina Solar
9	Highland Park											\$ 29,993	1,764	Longi
Total												\$ -		

Notes
 *Detailed Inventory of Equipment will be finalized at project completion.



Public Service Electric and Gas Company

Solar 4 All Extension
 Monthly Activity Report
 BPU Docket No. EO12080721
 For the period 07/01/2021 through 07/31/2021

REDACTED

		Installation Inventory*		
Project Number	Project Name	Quantity of Inverters Installed	Inverter Manufacturer	Balance of System Equipment
1	Kinsley Landfill	7	ABB Power-One Ultra	Shoals Combiner Boxes, RBI Solar Racking
2	Parklands Landfill	5	ABB Power-One Ultra	Shoals Combiner Boxes, RBI Solar Racking
3	L&D Landfill	5	SMA	Combiner Boxes, Solar Racking
4	Hopewell Valley HS	2	Dynapower	Combiner Boxes, Solar Racking, Battery Storage Capability
5	Cooper Hospital	2	Princeton Power Systems	Combiner Boxes, Solar Racking, Battery Storage Capability
6	ILR Landfill	3	SMA	Combiner Boxes, Solar Racking
7	Caldwell Sewage Treatment	12	SunGrow	Combiner Boxes, Solar Racking, Battery Storage Capability
8	Pennington DPW	6	SunGrow	Combiner Boxes, Solar Racking, Battery Storage Capability
9	Highland Park	9	SunGrow	Combiner Boxes, Solar Racking, Battery Storage Capability
	Total			

Notes
 *Detailed Inventory of Equipment will be finalized at project completion.