



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



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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



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Summary of Installed Units, Capacity, and Funds Expended		Grid Security/Storm Preparedness Segment			
Period	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

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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

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Funds Committed: Committed \$ per EPC Contract

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



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



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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



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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.



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		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.