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February 22, 2018

In the Matter of the Petition of Public Service Electric and Gas Company for Approval of an Extension of a Solar Generation Investment Program and Associated Cost Recovery Mechanism and for Changes in the Tariff for Electric Service, B.P.U.N.J. No. 15 Electric Pursuant to N.J.S.A. 48:2-21, 48:2-21.1 and N.J.S.A. 48:3-98.1 ("Solar4All Extension Petition")

BPU Docket No. EO12080721

# **VIA ELECTRONIC & REGULAR MAIL**

Aida Camacho, Office of the Secretary New Jersey Board of Public Utilities 44 South Clinton Avenue, 3<sup>rd</sup> Floor, Suite 314 Post Office Box 350 Trenton, New Jersey 08625-0350

RE: Solar 4 All Extension Monthly Activity Report – January 2018

Dear Ms. Camacho:

Pursuant to the Board's May 31, 2013 Order in the above-referenced matter, enclosed are copies of the confidential and redacted public versions of Public Service Electric and Gas Company's Solar 4 All Extension Monthly Activity Report for January 2018.

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.

Note that the electronic submission of this material includes only the public version of the Report and Mr. Hranicka's Affidavit; the confidential Report is being provided via regular mail.

Please advise if you have any questions or comments.

Very truly yours,

C Scott Hunter Rachel Boylan Stefanie Brand Felicia Thomas-Friel James Nappi STATE OF NEW JERSEY

ss:

COUNTY OF ESSEX

Todd Hranicka, being of full age and duly sworn deposes and says:

- 1. I am the Director of Solar Energy for Public Service Electric and Gas Company ("PSE&G") and, as such, I am responsible for reporting to the Board of Public Utilities ("Board") status updates for the PSE&G's Solar 4 All Extension Program as approved by the Board in an Order Approving Stipulation, In The Matter of Petition of Public Service Electric and Gas Company For Approval of a Solar Generation Investment Program and Associated Cost Recovery Mechanism, dated May 31, 2013, under Docket Number EO12080721
- 2. I make this affidavit in support PSE&G's request for confidential treatment of portions of its Solar 4 All Extension Monthly Activity Report ("report") that has been filed with the Board.
- 3. Project specific cost information, ("Confidential Information"), which the Board has requested be included in the report, is proprietary, commercially sensitive financial information. If this data were publicly available, PSE&G's competitors would have access to this commercially sensitive information. Access to this Competitive Information would provide these competitors with an informed understanding of how PSE&G bids for specific projects and potentially permit the competitors to develop strategies to gain an unfair advantage in the solar marketplace in which PSE&G participates.
- 4. PSE&G has taken purposeful measures to prevent dissemination of the Competitive Information. Access to the information is restricted to a small number of people within PSE&G. The Competitive Information is not contained in materials that are available to the general public.

- 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:

Sheree L. Kelly, Esq.
Assistant General Regulatory Counsel
Public Service Electric and Gas Company
80 Park Plaza - T5G
Newark, New Jersey 07102
Tel. No. (973) 430-6468
Fax. No. (973) 430-5983

E-mail: Sheree.Kelly@pseg.com

Todd Hranicka

Sworn to and Subscribed to

Before me this

day of

4 2018

BERNADETTE A. CURTIS NOTARY PUBLIC OF REIN JERSEY My Commission Explais 5/8/2048



Solar 4 All Extension Monthly Activity Report BPU Docket No. EO12080721 For the period 01/01/2018 through 01/31/2018

## **REDACTED**

Summary of Installed Units, Capacity, and Funds Expended											
Period	Properly Closed Landfill/Brownfield Segment										
	Capacity (kW) Installed	# of Projects	Fui	nds Expended (\$) Investment	Funds Expended (\$) Administrative		Fun	ds Committed (\$)			
2013 Total	-	-	\$	-	\$	139,637	\$	-			
2014 Total	34,244	3	\$	47,914,394	\$	260,124	\$	83,325,305			
2015 Total	-	-	\$	43,218,421	\$	1,356,426	\$	-			
2016 Total	7,750	1	\$	19,817,084	\$	2,437,216	\$	19,388,108			
2017											
January	-	-	\$	160,287	\$	526,522	\$	-			
February	-	-	\$	149,582	\$	73,708	\$	-			
March	-	-	\$	166,284	\$	133,146	\$	-			
April	-	-	\$	2,772	\$	644,033	\$	-			
May	-	-	\$	205,299	\$	(30,150)	\$	-			
June	-	-	\$	78,787	\$	104,617	\$	-			
July	-	-	\$	3,709	\$	626,583	\$	-			
August	-	-	\$	61,334	\$	115,099	\$	-			
September	-	-	\$	18,948	\$	70,244	\$	-			
October	-	-	\$	4,183	\$	711,701	\$	-			
November	-	-	\$	9,395	\$	74,282	\$	-			
December	-	-	\$	(449,040)	\$	53,486	\$	-			
2017 Total	-	-	\$	411,540	\$	3,103,271	\$	-			
2018											
January	-	-	\$	7,937	\$	635,902	\$	-			
February											
March											
April											
May											
June											
July											
August											
September											
October											
November											
December											
Current Month	-	-	\$	7,937.00	\$	635,902.00	\$	-			
Year-to-Date	-	-	\$	7,937.00	\$	635,902.00	\$	-			
Program-to-Date	41,994	4	\$	111,369,376	\$	7,932,575	\$	102,713,413			

#### Key

Funds Expended (Investment): Investment

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

SREC Auction Proceeds: Net amount received from SREC auctions



Solar 4 All Extension Monthly Activity Report BPU Docket No. EO12080721 For the period 01/01/2018 through 01/31/2018

# **REDACTED**



Solar 4 All Extension Monthly Activity Report BPU Docket No. EO12080721 For the period 01/01/2018 through 01/31/2018

## **REDACTED**

Summary of Installed Units, Capacity, and Funds Expended											
Period	Underutilized Government Facilities Segment										
	Capacity (kW) Installed	# of Projects	Funds Expended (\$) Investment		unds Expended (\$) Administrative	Funds Committed (\$)					
2013 Total	-		\$	- \$	1,772	\$ -					
2014 Total	-	-	\$	- \$	2,961	\$ -					
2015 Total	-		\$	- \$	-	\$ -					
2016 Total	-	-		-	-	-					
2017											
January	-	-	\$	- \$	-	\$ -					
February	-	-	\$	- \$	-	\$ -					
March	-	-	\$	- \$	-	\$ -					
April	-	-	\$	- \$	-	\$ -					
Мау	-	-	\$	- \$	-	\$ -					
June	-	-	\$	- \$	-	\$ -					
July	-	-	\$	- \$	-	\$ -					
August	-	-	\$	- \$	-	\$ -					
September	-	-	\$	- \$	-	\$ -					
October	-	-	\$	- \$	-	\$ -					
November	-	-	\$	- \$	-	\$ -					
December	-	•	\$	- \$	-	\$ -					
2017 Total	-		\$	- \$		\$ -					
2018											
January	-	-	\$	- \$	-	\$ -					
February											
March											
April											
May											
June											
July											
August											
September											
October											
November											
December											
Current Month	-		\$	- \$	-	\$ -					
Year-to-Date	-		\$	- \$	-	\$ -					
Program-to-Date	-	-	\$	- \$	4,732.90	\$ -					

#### Key

Funds Expended (Investment): Investment

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

SREC Auction Proceeds: Net amount received from SREC auctions



Solar 4 All Extension Monthly Activity Report BPU Docket No. EO12080721 For the period 01/01/2018 through 01/31/2018

# **REDACTED**



Solar 4 All Extension Monthly Activity Report BPU Docket No. EO12080721 For the period 01/01/2018 through 01/31/2018

## **REDACTED**

Summary of Installed Units, Capacity, and Funds Expended											
Period	Grid Security/Storm Preparedness Segment										
	Capacity (kW) Installed	# of Projects	Fu	nds Expended (\$) Investment	Funds Expended (\$) Administrative		Fur	nds 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						·					
January	-	-	\$	133,901	\$	30,082	\$	-			
February	-	-	\$	231,436	\$	12,604	\$	-			
March	-	-	\$	132,353	\$	18,597	\$	-			
April	-	-	\$	245,730	\$	47,592		-			
May	-	-	\$	413,653		13,991		-			
June	-	-	\$	691,812	\$	17,221		-			
July	-	-	\$	367,446		41,992	\$	-			
August	-	-	\$	489,004	\$	13,675	\$	-			
September	-	-	\$	799,026	\$	8,114		-			
October	403	1	\$	176,260	\$	41,395	\$	2,969,571			
November	-	-	\$	317,798	\$	65,868	\$	-			
December	-	-	\$	118,501	\$	20,958	\$	-			
2017 Total	403	1	\$	4,116,920	\$	332,089	\$	2,969,571			
2018							Ì				
January	-	-	\$	24,547	\$	30,872	\$	-			
February											
March											
April											
Мау											
June											
July											
August											
September											
October											
November											
December											
Current Month	-	-	\$	24,547.00	\$	30,872.00	\$	-			
Year-to-Date	-	-	\$	24,547.00	\$	30,872.00	\$	-			
Program-to-Date	2,393	4	\$	16,650,011.97	\$	759,024.04	\$	14,354,356.63			

#### Key

Funds Expended (Investment): Investment

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

SREC Auction Proceeds: Net amount received from SREC auctions



Solar 4 All Extension Monthly Activity Report BPU Docket No. EO12080721 For the period 01/01/2018 through 01/31/2018

# **REDACTED**



Solar 4 All Extension Monthly Activity Report BPU Docket No. EO12080721 For the period 01/01/2018 through 01/31/2018

## **REDACTED**

Summary of Installed Units, Capacity, and Funds Expended											
Period	Innovative Parking Lot Applications Segment										
		Capacity (kW) Installed	# of Projects		Funds Expended (\$) Investment		Funds Expended (\$) Administrative		mmitted (\$)		
2013 Total				\$		\$	1,772	\$			
2014 Total		-	-	\$	-	\$	55,471	\$	-		
2015 Total			-	\$		\$	42,151	\$	-		
2016 Total		-	-	\$	-	\$	-	\$	-		
2017											
January		-	-	\$	-	\$	-	\$	-		
February		-	-	\$	-	\$	-	\$	-		
March		-	-	\$	-	\$	7,519	\$	-		
April		-	-	\$	-	\$	(7,519)	\$	-		
May		-	-	\$	-	\$	-	\$	-		
June		-	-	\$	-	\$	-	\$	-		
July		-	-	\$	-	\$	-	\$	-		
August		-	-	\$	-	\$	-	\$	-		
September		-	-	\$	-	\$	-	\$	-		
October		-	-	\$	-	\$	-	\$	-		
November		-	-	\$	-	\$	-	\$	-		
December		-	-	\$	-	\$	-	\$	-		
2017 Total		-	-	\$	-	\$	-	\$	-		
2018											
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



Solar 4 All Extension Monthly Activity Report BPU Docket No. EO12080721 For the period 01/01/2018 through 01/31/2018

# **REDACTED**



Solar 4 All Extension Monthly Activity Report BPU Docket No. EO12080721 For the period 01/01/2018 through 01/31/2018

## **REDACTED**

Summary of Installed Units, Capacity, and Funds Expended											
Period	Total										
	Capacity (kW) Installed	# of Projects		nds Expended (\$) Investment	Funds Expended (\$) Administrative		Fi	unds Committed (\$)			
2013 Total	-	-	\$	-	\$	144,842	\$	-			
2014 Total	34,244	3	\$	47,914,394	\$	384,984	\$	83,325,305			
2015 Total	876	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											
January	-	-	\$	294,188.00	\$	556,604.00	\$	-			
February	-	-	\$	381,018.00	\$	86,312.00	\$	-			
March	-	-	\$	298,637.00	\$	159,262.00	\$	-			
April	-	-	\$	248,502.00	\$	684,106.00	\$	-			
May	-	-	\$	618,952	\$	(16,159)	\$	-			
June	-	-		770,599		121,838		-			
July	-	-		371,155		668,575		-			
August	-	-		550,338		128,774		-			
September	-	-		817,974		78,358		-			
October	403	1	\$	180,443	\$	753,096	\$	2,969,571			
November	-	-		327,193		140,150		-			
December	-	-	\$	(330,539)	\$	74,444	\$	-			
2017 Total	403	1	\$	4,528,460	\$	3,435,360	\$	2,969,571			
2018											
January	-	-		32,484		666,774		-			
February											
March											
April											
May											
June											
July											
August											
September											
October											
November											
December											
Current Month	-	-	\$	32,484.00	\$	666,774.00	\$	-			
Year-to-Date		-	\$	32,484.00	\$	666,774.00	\$	-			
Program-to-Date	44,387	8	\$	128,019,388	\$	8,795,727	\$	117,067,770			

#### Key

Funds Expended (Investment): Investment

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

SREC Auction Proceeds: Net amount received from SREC auctions



Solar 4 All Extension Monthly Activity Report BPU Docket No. EO12080721 For the period 01/01/2018 through 01/31/2018

# **REDACTED**



Solar 4 All Extension Monthly Activity Report BPU Docket No. EO12080721 For the period 1/01/2018 through 1/31/2018

#### **REDACTED**

Project Rev	enue Information				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	4.104	13,009,755	743,570	\$ 2,710,192	\$ -	\$ 27,351.23	\$ 14,282
2	Parklands Landfill	26 kV	10,135.46	7.253	12,142,994	662,710	\$ 2,529,628	\$ -	\$ 24,432.74	\$ 12,758
3	L&D Landfill	26 kV	12,930.00	9.746	15,739,706	922,733	\$ 3,278,895	\$ -	\$ 34,315.49	\$ 17,919
4	ILR Landfill	26 kV	7,746.00	5.073	9,011,207	436,697	\$ 1,877,215	\$ -	\$ 15,959.69	\$ 8,334
5	Hopewell Valley HS	13 kV	876.06	0.432	892,198	35,011	\$ 185,862.75	\$ -	\$ 913.62	\$ -
6	Cooper Hospital	13 kV	218.00	0.119	220,280	11,927	\$ 45,888.73	\$ -	\$ 452.90	\$ -
7	Caldwell Sewage Treatment	13 kV	896.00	0.563	932,992	45,564	\$ 194,360.96	\$ -	\$ 1,893.32	\$ -
8	Pennington DPW	13 kV	403.00	0.258	454,360	17,466	\$ 94,652.37	-	\$ 640.75	\$ -
								-		
								-		
Current Month	1	<u> </u>		<u>'</u>	<u> </u>	2,875,677	<u> </u>	\$ -	\$ 105,960	\$ 53,294
Year-to-Date						2,875,677		\$ -	\$ 105,960	

124,606,847

\$

\$

4,091,993 \$

1,174,261

Program-to-Date Key

\*\* Assumed SREC Value = \$ 208.32

Peak Delivered Hourly Capacity is the peak hourly MW-ac observed during the reporting month

<sup>\*</sup> Per EPC Contractor Bid Submittal Estimate



Solar 4 All Extension Monthly Activity Report BPU Docket No. EO12080721

For the period 01/01/2018 through 01/31/2018

#### REDACTED

						Proje	ect Costs (Program to Date)					Operational Costs			Installation Invent
Project Number	Project Name	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	Quantity of Inverters Installed
1	Kinsley Landfill											\$639,305	36,841	Canadian Solar	7
2	Parklands Landfill											\$506,106	33,402	Canadian Solar	5
3	L&D Landfill											\$735,653	42,400	Canadian Solar	5
4	Hopewell Valley HS											\$46,965	2,846	Trina Solar	2
5	Cooper Hospital											\$12,166	693	JA Solar	2
6	ILR Landfill											\$229,806	23,834	Hyundai	3
7	Caldwell Sewage Treatment											\$35,860	2,790	Hanwha/Solar World	12
_															
- 8	Pennington DPW								·		·	TBD	1,188	Trina Solar	6
															<u> </u>

Total

Notes

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



Solar 4 All Extension Monthly Activity Report BPU Docket No. EO12080721

For the period 01/01/2018 through 01/31/2018

#### REDACTED

		,					
		ory*					
Project Number	Project Name	Project Name Inverter Manufacturer					
1	Kinsley Landfill	ABB Power-One Ultra	Shoals Combiner Boxes, RBI Solar Racking				
2	Parklands Landfill	ABB Power-One Ultra	Shoals Combiner Boxes, RBI Solar Racking Combiner Boxes, Solar Racking				
4	Hopewell Valley HS	Dynapower	Combiner Boxes, Solar Racking, Battery Storage Capability				
5	Cooper Hospital	Princeton Power Systems	Combiner Boxes, Solar Racking, Battery Storage Capability				
6	ILR Landfill	SMA	Combiner Boxes, Solar Racking				
7	Caldwell Sewage Treatment	SunGrow	Combiner Boxes, Solar Racking, Battery Storage Capability				
8	Pennington DPW	SunGrow	Combiner Boxes, Solar Racking, Battery Storage Capability				

Total

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