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CASE MANAGEMENT

JUL 31 2019

Matthew M. Weissman  
General State Regulatory Counsel

BOARD OF PUBLIC UTILITIES  
TRENTON, NJ

Law Department  
PSEG Services Corporation  
80 Park Plaza – T5, Newark, New Jersey 07102-4194  
tel : 973-430-7052 fax: 973-430-5983  
email: [matthew.weissman@pseg.com](mailto:matthew.weissman@pseg.com)

FORWARD  
CASE MANAGEMENT

2019 JUL 31 P 12:56

BOARD OF PUBLIC UTILITIES  
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July 30, 2019

JUL 31 2019

**VIA ELECTRONIC DELIVERY & OVERNIGHT MAIL**

BOARD OF PUBLIC UTILITIES  
TRENTON, NJ

Aida Camacho-Welch, Secretary  
New Jersey Board of Public Utilities  
44 South Clinton Avenue, Suite 314  
P.O. Box 350  
Trenton, New Jersey 08625-0350

**Re: In the Matter of the Implementation of L. 2018, c.16 Regarding the Establishment of a Zero Emission Certificate Program for Eligible Nuclear Power Plants, *et al.*, BPU Docket No. E018080899**

**Re: Application for the Receipt of Zero Emission Credits of Hope Creek Generating Station Submitted In the Matter of the Implementation of L. 2018, c.16 Regarding the Establishment of a Zero Emission Certificate Program for Eligible Nuclear Power Plants, BPU Docket No. E018121337**

**Re: Application for the Receipt of Zero Emission Credits of Salem 1 Generating Station Submitted In the Matter of the Implementation of L. 2018, c.16 Regarding the Establishment of a Zero Emission Certificate Program for Eligible Nuclear Power Plants, BPU Docket No. E018121338**

**Re: Application for the Receipt of Zero Emission Credits of Salem 2 Generating Station Submitted In the Matter of the Implementation of L. 2018, c.16 Regarding the Establishment of a Zero Emission Certificate Program for Eligible Nuclear Power Plants, BPU Docket No. E018121339**

Dear Secretary Camacho-Welch:

Pursuant to the Board's July 10, 2019 Order Determining the Forward Steps in the ZEC Program and Currently Approved Applications, I am enclosing the following:

- Affidavit and Certification of Carl Fricker regarding the MWh quantity generated by each of the selected plants for the period commencing April 18, 2019 and ending May 31, 2019 (the "stub period").

*Case mgmt*  
*A. Hall, Esq.*  
*P. Krogman, Esq.*

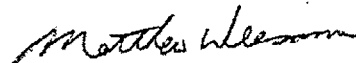
*E. Xiao, Esq.*  
*P. Ken Sund, Esq.*  
*S. Peterson*

- Affidavit and Certification of Carl Fricker regarding employment at the selected plants.
- Affidavit and Certification of Stephen Swetz regarding moneys held in the ZEC accounts and MWh of electricity distributed by the New Jersey electric distribution companies for the stub period, with workpapers provided in the attached Excel file, which is being provided electronically only.

Please note that Rockland Electric Company ("RECO") is still confirming the values for RECO set forth in Mr. Swetz's affidavit.

Thank you very much for your cooperation.

Very truly yours,

A handwritten signature in black ink, appearing to read "Matthew Weissman". The signature is fluid and cursive, with the first name "Matthew" written in a larger, more prominent script than the last name "Weissman".

Matthew M. Weissman

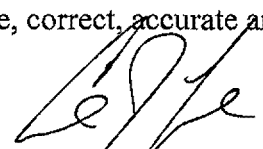
C Thomas Walker, Director

## AFFIDAVIT AND CERTIFICATION

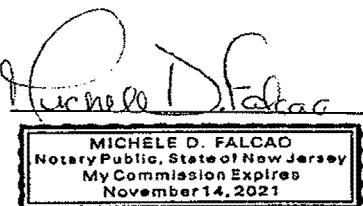
Essex County )  
                  )  
New Jersey    )       ss:

I, the undersigned, being duly sworn, depose, say and certify on behalf of PSEG Nuclear LLC (the "Company") and not in my individual capacity, that:

1. I am the Vice President – Power Operations Support of PSEG Power LLC, the immediate parent of the Company and am authorized to make the statements and representations set forth herein on behalf of the Company;
2. In conformance with the requirements of the N.J.A.C 48:3-87.5 (l) and the New Jersey Board of Public Utilities' July 10, 2019 "Order Determining the Forward Steps in The ZEC Program and Currently Approved Application" issued *In the Matter of the Implementation of L. 2018, c. 16 Regarding the Establishment of a Zero Emission Certificate Program for Eligible Nuclear Power Plants, et al.*, BPU Docket Nos. E018080899 *et al.*, (July 10, 2019), since being awarded Zero Emission Credits on April 18 2019, the Company has not laid off any personnel at the Hope Creek, Salem 1 or Salem 2 nuclear power plants unless such lay-off was due to employee misconduct or underperformance;
3. The statements made in this Affidavit are based upon consultations with appropriate personal with responsibility for oversight of staffing decisions at the Hope Creek, Salem 1 and Salem 2 nuclear power plants;
4. To the best of my knowledge, information and belief, I hereby certify that the statements made in this Affidavit and Certification are true, correct, accurate and complete.

  
\_\_\_\_\_  
Name: Carl J. Fricker  
Title: Vice President – Power  
Operations Support  
Company: PSEG Power LLC, on behalf  
of PSEG Nuclear LLC

Sworn and subscribed to        )  
before me this 19<sup>th</sup> day        )  
of July, 2019                    )




## AFFIDAVIT AND CERTIFICATION


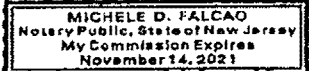
Essex County )  
                  )  
New Jersey    ) ss:

I, the undersigned, being duly sworn, depose, say and certify on behalf of PSEG Nuclear LLC (the "Company") and not in my individual capacity, that:

1. I am the Vice President, Power Operations Support of PSEG Power LLC, the immediate parent of the Company and am authorized to make the statements and representations set forth herein on behalf of the Company.
2. In conformance with the requirements of the New Jersey Board of Public Utilities' July 10, 2019 "Order Determining the Forward Steps in The ZEC Program and Currently Approved Application" issued *In the Matter of the Implementation of L. 2018, c. 16 Regarding the Establishment of a Zero Emission Certificate Program for Eligible Nuclear Power Plants, et al.*, BPU Docket Nos. E018080899 *et al.*, (July 10, 2019), the Company hereby certifies the total MWh quantity generated by the Hope Creek, Salem 1 and Salem 2 nuclear plants for the period commencing on April 18, 2019 and ending on May 31, 2019 was 2,482,560 MWh.
3. The MWh quantity generated by each of the nuclear plants for the period commencing on April 18, 2019 and ending on May 31, 2019 was, for Hope Creek, 1,261,713 MWh; for Salem 1, 0 MWh; and for Salem 2, 1,220,847 MWh.
4. The statements made in this Affidavit are based upon information obtained from appropriate personal at the Hope Creek, Salem 1 and Salem 2 nuclear power plants.
5. To the best of my knowledge, information and belief, I hereby certify that the statements made in this Affidavit and Certification are true, correct, accurate and complete.

  
\_\_\_\_\_  
Name: Carl J. Fricker  
Title: VP, Power Operations Support  
Company: PSEG Power LLC, on behalf  
of PSEG Nuclear LLC

Sworn and subscribed to )  
before me this 23<sup>rd</sup> day )  
of July, 2019 )

## AFFIDAVIT AND CERTIFICATION

Essex County )  
                  )  
New Jersey    )       ss:

I, the undersigned, being duly sworn, depose, say and certify on behalf of Public Service Electric and Gas Company ("PSE&G") and not in my individual capacity, that:

1. I am Stephen Swetz, Senior Director – Corporate Rates and Revenue Requirements of PSEG Services Corporation and am authorized to make the statements and representations set forth herein.
2. This submittal is being made for PSE&G, Atlantic City Electric Company ("ACE"), Jersey Central Power & Light Company ("JCP&L"), Rockland Electric Company ("RECo") and Butler Electric Utility ("Butler") (collectively, the "EDCs"), and all statements and representations herein regarding monies held in the ZEC accounts and megawatt-hours of electricity distributed by EDCs other than PSE&G are being made based on information provided by those other EDCs.
3. The New Jersey Board of Public Utilities' ("BPU") "Order Determining the Forward Steps in The ZEC Program and Currently Approved Applications" issued *In the Matter of the Implementation of L. 2018, c. 16 Regarding the Establishment of a Zero Emission Certificate Program for Eligible Nuclear Power Plants, et al.*, BPU Docket Nos. E018080899, EO018121338, EO18121339, and EO18121337 (July 10, 2019) ("July 10th Order"), *inter alia*, directs the EDCs to provide the following information to the BPU: (a) amount of monies held in the ZEC account ("SZEC"), including interest collected, established in N.J.S.A. 48:3-87.5(j)(1); and (b) the total number of megawatt-hours ("MWh") of electricity distributed ("MWh-DX") by the EDCs in the prior energy year;
4. Each EDC determined the SZEC and MWh-DX pertaining to its system for the period beginning on April 18, 2019 and ending on May 31, 2019; ACE, JCP&L, RECo and Butler provided this information to PSE&G.
5. The information compiled in Attachment A hereto sets forth each EDC's amounts for SZECs and MWh-DX, as determined by PSE&G for its own system, or as submitted to PSE&G by the other EDCs for their respective systems and, further, provides a calculation of ZEC payment amounts; the calculations include accrued interest for PSE&G through June 2019 and for the other EDCs through May 2019.
6. To the best of my knowledge, information and belief, I hereby certify that the statements made in this Affidavit and Certification are true, correct, accurate and complete.

Attachement A - New Jersey EDC ZEC Calculations  
 FINAL ZEC Price & Monthly Purchase Details  
 Based on 2019 Stub-Period Actuals

7/30/19

EDC Reported Sales Volumes (MWh) (A)	April 2019	May 2019	June 2019	July 2019	Total	% of Total Sales (F)
PSE&G <sup>1,2</sup>	1,054,646.250	3,143,178.758			4,197,825.008	66.915%
JCP&L <sup>2,3</sup>	66,958.730	1,023,744.965			1,090,703.695	17.386%
ACE <sup>1</sup>	233,469.355	652,808.005			886,277.361	14.128%
RECO <sup>2</sup>	10,191.057	81,891.318			92,082.375	1.468%
Butler <sup>2,3</sup>	1,527.218	4,983.013			6,510.230	0.104%
<b>Total</b>	<b>1,366,792.610</b>	<b>4,906,606.059</b>			<b>6,273,398.669</b>	<b>100.00%</b>
EDC ZEC Revenue (\$)	April 2019	May 2019	June 2019	July 2019	Total	
ZECRC Rate - \$/kWh w/o SUT	0.004	0.004			0.004	
PSE&G	4,218,585.00	12,572,715.03			16,791,300.03	
JCP&L	267,834.92	4,094,979.86			4,362,814.78	
ACE	933,877.42	2,611,232.02			3,545,109.44	
RECO	40,764.23	327,666.27			368,329.50	
Butler	6,108.87	19,932.05			26,040.92	
<b>ZEC Revenue (\$)(B)</b>	<b>5,467,170.44</b>	<b>19,626,424.24</b>			<b>25,093,594.67</b>	
Interest Accrued <sup>4</sup> (\$)	April 2019	May 2019	June 2019	July 2019	Total	ZEC Rev + Int
PSE&G	2,191.98	23,110.87	36,940.86	-	62,243.71	16,853,543.74
JCP&L	293.07	4,919.68	-	-	5,212.75	4,368,027.53
ACE	1,027.17	5,023.60	-	-	6,050.77	3,551,160.21
RECO	17.29	448.21	-	-	465.50	368,795.00
Butler	12.26	18.38	-	-	30.64	26,071.58
<b>Interest Accrued (\$)</b>	<b>3,541.77</b>	<b>33,520.74</b>	<b>36,940.86</b>	<b>-</b>	<b>74,003.37</b>	<b>25,167,598.04</b>
Nuclear Generation - (MWh)	April 2019	May 2019	June 2019	July 2019	Total	
Hope Creek <sup>5</sup>	371,836	889,877			1,261,713	
Salem 1 <sup>5,6</sup>	-	-			-	
Salem 2 <sup>5</sup>	350,417	860,430			1,220,847	
<b>Total Generation<sup>5</sup> (C)</b>	<b>732,253</b>	<b>1,783,828</b>			<b>2,482,560</b>	
<b>40% of New Jersey Retail Sales (mWh) (D = (Sum of A) * 40%)</b>					<b>2,509,359</b>	
<b>FINAL ZEC Price (\$/MWh) (E = B / (Max of C &amp; D))</b>					<b>10.000000</b>	
<b>Total Revenue + Interest<sup>4</sup></b>						<b>25,167,598.04</b>
PSEG Power					\$	19,655,052.67
Exelon Generation						5,207,278.64
Total Payable to Nuclear Units						24,862,331.31
Refund to Customers						305,266.73
Payment Summary (\$) <sup>4</sup>						
EDC	PSEG Nuclear	Exelon Gen	Refund	Total		
PSE&G	13,152,475.72	3,484,529.14	216,538.88	16,853,543.74		
JCP&L	3,416,289.00	905,088.85	48,649.68	4,368,027.53		
ACE	2,777,457.89	735,841.26	37,861.06	3,551,160.21		
RECO	288,439.18	76,417.14	3,938.67	368,795.00		
Butler	20,390.88	5,402.24	278.44	26,071.58		
	<b>19,655,052.67</b>	<b>5,207,278.64</b>	<b>305,266.73</b>	<b>25,167,598.04</b>		
Payment Ratios	Total					
Payable to PSEG Nuclear & Exelon Generation	98.93%					
Payable to Ratepayers	1.07%					
Salem Ownership Percentages <sup>7</sup>	% Ownership					
PSEG Nuclear	57.41%					
Exelon Generation	42.59%					

**Data Sources**

<sup>1</sup>Based upon calendar sales

<sup>2</sup>Based upon billed sales

<sup>3</sup>Sales volumes have been calculated based upon revenues provided by EDC (A = B / .004 / 1000)

<sup>4</sup>Final payments need to be updated for June and July accrued interest

<sup>5</sup>PJM Data acquired from PSE&G Settlements Dept.

<sup>6</sup>Salem 1 was on an extended outage for the entire period

<sup>7</sup>As detailed in Salem's license renewal application