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**VIA ELECTRONIC PDF FORMAT TO [oce@bpu.state.nj.us](mailto:oce@bpu.state.nj.us)**

Sheri Jones  
Assistant Director  
Office of Clean Energy  
44 South Clinton Avenue, 3<sup>rd</sup> Floor, Suite 314  
Board of Public Utilities  
P.O. Box 350  
Trenton, New Jersey 08625-0350

February 1, 2019

**RE: Atlantic City Electric Company Net Metering Report and Interconnection Reports Pursuant to N.J.A.C 14:8-4.5 and 14:8-5.9 For the Period of July 1 – December 31, 2018**

Dear Ms. Jones:

Pursuant to the requirements of N.J.A.C. 14:8-4.5, enclosed please find Atlantic City Electric Company's ("ACE" or the "Company") Semi-annual Interconnection Report for 2018 (Attachment 1), pursuant to N.J.A.C. 14:8-4.5 [Net metering reporting requirements for electric distribution companies ("EDCs")] and 14:8-5.9 [Interconnection reporting requirements for EDCs]. ACE is also submitting an Annual Net Metering and Interconnection Report for 2018 (the "2018 Annual Report"). The 2018 Annual Report provides additional information regarding ACE's performance on certain matters related to interconnection activities. This information provides more transparency around ACE's interconnection process and documents the Company's good faith efforts to be responsive to customers and improve and enhance the interconnection application process.

Feel free to contact me if you have any questions regarding this matter.

Sincerely,



Diana C. DeAngelis  
Sr. Rate Analyst

Enc.

c: Stefanie Brand, Esq. (via electronic copy)  
Ami Morita, Esq. (via electronic copy)  
S. Benjamin Hunter (via electronic copy)  
Rachel Boylan, Esq. (via electronic copy)  
Internal Distribution (via electronic copy)

Atlantic City Electric Company  
Semi-Annual Report Filed Pursuant to New Jersey  
Administrative Code (“N.J.A.C.”) 14:8-4 – Net Metering  
and Interconnection Standards for Class I Renewable  
Systems

Compliance Report and Annual Net Metering Report  
Covering Interconnection Applications Received  
January 1, 2018 through December 31, 2018  
(Filed February 1, 2019)

## **I. Introduction**

Pursuant to N.J.A.C. 14:8-4.5 [Net metering reporting requirements for electric distribution companies (“EDCs”)] and N.J.A.C. 14:8-5.9 [Interconnection reporting requirements for EDCs], Atlantic City Electric Company (“ACE” or the “Company”) submits its semi-annual Net Metering and Interconnection Report for 2018 (the “2018 Semi-Annual Report”). The Company is also submitting its Annual Net Metering and Interconnection Report for 2018 (“2018 Annual Report”) for your review and information. In connection with the merger between Exelon Corporation and Pepco Holdings, Inc. (“PHI”), the companies agreed to provide additional information regarding ACE’s performance on certain matters related to interconnection.

## **II. July 1, 2018 through December 31, 2018 Semi-Annual Report – See Attachment 1**

### **A. Information Required by Title 14, Chapter 8.**

i. Subchapter 4.5: Net Metering for Class I Renewable Energy Systems of the N.J.A.C. requires Atlantic City Electric to submit to the Board, on August 1 and February 1, respectively, a report detailing the following: (1) the estimated total kilowatt hours supplied to the distribution system by customer-generators and a description of the estimation methodology used and (2) the estimated total kilowatt hours that were delivered to customer-generators through the distribution system.

The report shall include the following information regarding credits and payments to customer-generators during the reporting period: (1) the total number of customer-generators that were paid for excess generation at the end of the customer-generators’ annualized periods; and (2) the total dollar amount that the utility paid to customer-generators for excess generation at the end of the customer-generators annualized periods, separated by month.

### **In compliance with N.J.A.C. 14:8-4.5 (A), the Company reports:**

#### **(1) The estimated total kilowatt hours supplied to the distribution system by customer-generators**

During the period of July 1 to December 31, 2018, customer-generators supplied 216,875,023 kilowatt hours to the distribution system. The methodology used to estimate the kilowatt hours supplied monthly by customer solar generators is as follows: the total generation ratings solar times an 80% inverter efficiency estimate times 4.5 sun hours (National Renewable Energy Laboratory average for New Jersey) times the number of calendar days in the month. The methodology used to estimate the kilowatt hours supplied monthly by customer wind generators is as follows: the total generation ratings wind times an 80% turbine inverter efficiency estimate

times 335 wind generation output efficiency (national average, 2007) times 24 hours per day times the number of calendar days in the month.

**(2) Estimated total kilowatt hours that were delivered to customer-generators through the distribution system**

From July through December 2018, ACE delivered an estimated 480,852,314 kilowatt hours to customer-generators through the distribution system. The estimated kilowatt hours delivered to the customer-generator through the distribution system is calculated as follows: the current month kilowatt hour consumption plus the customer-generator estimated energy supplied to the distribution system.

**(3) The total number of customer-generators that were paid for excess generation at the end of the customer-generators' annualized periods**

From July through December 2018, 4,452 customers were paid for their excess generation.

**(4) The total dollar amount that the utility paid to customer-generators for excess generation at the end of the customer-generators annualized periods, separated by month**

From July through December 2017, \$264,106.00 was paid in excess generation anniversary credits. Attachment 1 shows details on the dollar amount paid to customer-generators for excess generation at the end of the annualized periods, separated by month.

ii. Subchapter 5.9: Interconnection of Class I Renewable Energy Systems of the N.J.A.C. requires ACE to submit to the Board, on August 1 and February 1, respectively, a report detailing the following: (1) the number of customer-generators that interconnected; (2) the estimated total rated generating capacity of all customer-generator facilities that interconnected; and (3) the total cumulative number of customer-generators that interconnected between June 15, 2001 and the end of the reporting period.

The information required shall be listed by type of Class I renewable energy, as set forth at N.J.A.C. 14:8-2.5(b), as follows:

1. solar PV technology;
2. wind technology;
3. biomass; or
4. a renewable energy technology not listed 1 through 3 above. In such a case, the report shall include a description of the renewable energy technology.

**In compliance with N.J.A.C. 14:8-5.9 (B), the Company reports:**

**(1) The number of customer-generators that interconnected**

During the reporting period, 2,473 customer-generator facilities were interconnected to ACE's distribution system.

**(2) The estimated total rated generating capacity of all customer-generator facilities that interconnected**

Customer-generators interconnected 24,438.743 kilowatts of generating capacity from July 1, 2018 to December 31, 2018.

**(3) The total cumulative number of customer-generators that interconnected between June 15, 2001 and the end of the reporting period**

The total cumulative number of customer-generators that interconnected through the end of the reporting period was 29,774.

**III. 2017 Annual Report**

The Company is submitting its Annual Net Metering and Interconnection Report for 2018 ("2018 Annual Report"). In connection with the merger between Exelon Corporation and PHI, the companies agreed to provide additional information regarding ACE's performance on interconnections. The 2018 Annual Report therefore provides more transparency around the Company's interconnection process and evidences its good faith efforts to be responsive to customers and improve and continually enhance the Company's interconnection application process.

A. Interconnection Processing Timeliness

**1. Timeliness of Application Review for Authorization to Operate**

Timeliness for Authorization to Operate ("ATO") or Permission to Operate ("PTO") is measured from the receipt of a complete Part II Request to the time the ATO letter is emailed to the customer<sup>1</sup>. ACE issued 5,532 ATO letters to customers/contractors in 2018. Of these, 99.37% were successfully approved within 20 business days of receiving a complete Part II application.

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<sup>1</sup> As noted in the Alliance for Solar Choice "TASC" agreement that was executed in connection with an application in one of PHI's regulated markets.

ATTACHMENT 1

## ATLANTIC CITY ELECTRIC

### Net Meter Report

July 1, 2018 to December 31, 2018

	Generation Ratings Solar	Generation Ratings Wind	Generation Ratings Other	Total Generation Ratings	Number of Solar Systems	Number of Wind Systems	Number of Other Systems	Total Number of Systems		
<b>System Added (1)</b>										
July	5,187.964	-	-	5,187.964	420	-	-	420		
August	4,764.107	-	-	4,764.107	410	-	-	410		
September	3,510.801	-	-	3,510.801	417	-	-	417		
October	4,401.426	-	-	4,401.426	502	-	-	502		
November	3,262.537	-	-	3,262.537	358	-	-	358		
December	3,311.908	-	-	3,311.908	366	-	-	366		
	<u>24,438.743</u>	-	-	<u>24,438.743</u>	<u>2,473</u>	<u>0</u>	<u>0</u>	<u>2,473</u>		
<b>Total Systems at end of Period (1)</b>										
	364,526.122	247.400	-	364,773.522	29,753	19	2	29,774		
Month	Days	Total Generation Ratings Solar kW <sup>AC</sup>	Total Generation Ratings Wind kW <sup>AC</sup>	Total Generation Ratings Other kW <sup>AC</sup>	Total Generation Ratings kW <sup>AC</sup>	Current Month kWh Consumption	Estimated kWh Supplied to Distribution System by Customer-generators <sup>2</sup>	Estimated kWh Delivered to Customer-Generator through the Distribution system <sup>3</sup>	Anniversary Credits	Number of Accounts with Anniversary
	(a)	(b)	(c)		(f)	(g)	(h)	(g+h)		
July	31	345,275.343	247.400	-	345,522.743	41,032,137	35,498,703		\$ (62,951.00)	1,277
August	31	350,039.450	247.400	-	350,286.850	50,505,192	35,987,844		\$ (60,327.00)	816
September	30	353,550.251	247.400	-	353,797.651	54,862,366	35,175,779		\$ (37,535.00)	603
October	31	357,951.677	247.400	-	358,199.077	44,529,715	36,800,208		\$ (40,641.00)	587
November	30	361,214.214	247.400	-	361,461.614	34,440,917	35,937,270		\$ (34,307.00)	648
December	31	364,526.122	247.400	-	364,773.522	<u>38,606,964</u>	<u>37,475,219</u>		<u>\$ (28,345.00)</u>	<u>521</u>
Total						263,977,291	216,875,023	480,852,314	\$ (264,106.00)	4,452
<b>Timeliness Of Authorization to Operate (ATO) <sup>4</sup></b>				<b>Percent of ATO Issued On-time</b>						
				<b>99.37%</b>						
<p>1 This represents the number of systems. A single customer may have multiple systems.</p> <p>2 The total estimated amount of energy supplied by the Customer-generator to the distribution system is the sum of the estimated monthly generation calculated by type ( A+B below ).</p> <p>A The monthly estimated solar generation is based on the total generation rating of systems installed and activated by the end of each month during the reporting period times the solar array's inverter estimated efficiency (72%) * 4.6 (NREL's average hours of sunlight per day for New Jersey) * calendar days for month. This formula is based on an annual standard used in other Company jurisdictions. Note that this estimate does not take into account the variations in the site-specific installation details, such as array orientation, tracking devices and obstacles that can cast a shadow) and/or panels that fail to meet the manufacturer's minimum output rating. It also does not take into consideration that the average hours of sunlight per day may differ for different months. ( b * .72 * 4.6 * a )</p> <p>B The estimated monthly amount of WIND generation is based on the rating installed and activated by the end of each month during the reporting period times the windmill's inverter estimated efficiency (80%) * 33% (national average for wind generation output efficiency for 2007) * 24 hours * day in calendar month. ( c * .8 * .33 * 24 * a )</p> <p>3 The estimated kilowatt hours delivered to the customer-generator through the distribution system is calculated by taking the customer-generator estimated energy supplied to the distribution system plus the customer-generators' actual consumption either positive or negative for the billing months during the reporting period.</p> <p>4 Timeliness for Authorization to Operate (ATO) or Permission to Operate as noted in the Alliance for Solar Choice "TASC" agreement, is defined by the Company as from the receipt of a complete Part II Request to the time the ATO letter is emailed to the customer.</p>										