



atlanticcityelectric.com

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

August 1, 2022

Ms. Kelly Mooij, Director  
Office of Clean Energy  
44 South Clinton Avenue, 9th Floor  
Board of Public Utilities  
P.O. Box 350  
Trenton, New Jersey 08625-0350

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 January 1, 2022 through June 30, 2022

Dear Ms. Mooij:

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 2022 (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 2022 (the "2022 Annual Report"). The 2022 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,

A handwritten signature in blue ink that reads "Sharon M. Roach".

---

Sharon M. Roach  
Regulatory Affairs

Enclosures

cc: Brian Lipman (via electronic copy)  
S. Benjamin Hunter (via electronic copy)  
Rachel Boylan (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, 2022 through June 30, 2022  
(Filed July 31, 2022)

## **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 2022 (the “2022 Semi-Annual Report”). The Company is also submitting its Annual Net Metering and Interconnection Report for 2022 (“2022 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. January 1, 2022 through June 30, 2022 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 January 1 to June 30, 2022, customer-generators supplied 308,596,349 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 72% 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 January through June 2022, ACE delivered an estimated 548,422,851-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 January through June 2022, 9,438 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 January through June 2022, \$479,912.00. 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, 3,924 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 18,825.00 kilowatts of generating capacity from January 2022 to June 30, 2022.

**(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 44,208.

ATTACHMENT 1

# ATLANTIC CITY ELECTRIC

## Net Meter Report

January 1, 2022 to June 30, 2022

	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>										
January	10,745.630	-	-	10,745.630	2,111	-	-	2,111		
February	12,945.850	-	-	12,945.850	383	-	-	383		
March	3,251.446	-	-	3,251.446	401	-	-	401		
April	2,958.240	-	-	2,958.240	326	-	-	326		
May	3,125.104	-	-	3,125.104	319	-	-	319		
June	4,114.015	-	-	4,114.015	384	-	-	384		
	37,140.285	-	-	37,140.285	3,924	0	0	3,924		
<b>Total Systems at end of Period (1)</b>	524,559.051	247.400	22.600	524,829.051	44,188	19	1	44,208		
Month	Days (a)	Total Generation Ratings Solar (b)	Total Generation Ratings Wind (c)	Total Generation Ratings Other	Total Generation Ratings (f)	Current Month kWh Consumption (g)	Estimated kWh Supplied to Distribution System by Customer-generators (2) (h)	Estimated kWh Delivered to Customer-Generator through the Distribution system (5) (g+h)	Anniversary Credits	Number of Accounts with Anniversary
January	31	498,164.396	247.400	22.600	498,434.396	67,447.063	51,196.128		\$ (87,847.00)	1,076
February	28	511,110.246	247.400	22.600	511,380.246	54,707.986	47,442.211		\$ (69,202.00)	1,293
March	31	514,361.692	247.400	22.600	514,631.692	44,659.618	52,859.137		\$ (110,881.00)	2,871
April	30	517,319.932	247.400	22.600	517,589.932	56,457.276	51,447.934		\$ (86,664.00)	1,952
May	31	520,445.036	247.400	22.600	520,715.036	16,554.559	53,483.726		\$ (125,318.00)	2,246
June	30	524,559.051	247.400	22.600	524,829.051	-	52,167.213		\$ -	0
Total						239,826,502	308,596,349	548,422,851	\$ (479,912.00)	9,438
Timeliness Of Authorization to Operate (ATO)				Percent of ATO Issued On-time						
				96.01%						

1 This represents the number of systems. A single customer may have multiple systems.

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).

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)

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

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.

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.