atlanticcityelectric.com

VIA ELECTRONIC PDF FORMAT TO oce@bpu.state.nj.us

January 30, 2024

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 July 1, 2023 – December 31, 2023

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 2023 (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 2023 (the "2023 Annual Report"). The 2023 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,

Joanne Sheridan

Joanne Sheridan
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, 2023 through December 31, 2023
(Filed January 31, 2024)

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 2023 (the "2023 Semi-Annual Report"). The Company is also submitting its Annual Net Metering and Interconnection Report for 2023 ("2023 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, 2023 through December 31, 2023 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, 2023, customer-generators supplied 349,180,953 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 July through December 2023, ACE delivered an estimated 1,093,856,725 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 2023, 10,932 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 2023, $1,009,490.00. 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, 2,345 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 24,248.30 kilowatts of generating capacity from July 1, 2 0 2 3 , to December 31, 2023.

(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 52,313.

III. 2023 Annual Report

The Company is submitting its Annual Net Metering and Interconnection Report for 2023 ("2023 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 2023 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[1]. ACE issued 4,567 ATO letters to customers/contractors in 2023. Of these, 94% were successfully approved within 20 business days of receiving a complete Part II application.

[1] 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

ATLANTIC CITY ELECTRIC

Net Meter Report

July 1, 2023 to December 31, 2023

	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
System Added (1)								
July	3,150.604	-	-	3,150.604	393	-	-	393
August	4,358.010	-	-	4,358.010	461	-	-	461
September	4,086.288	-	-	4,086.288	478	-	-	478
October	2,637.915	-	-	2,637.915	304	-	-	304
November	2,847.748	-	-	2,847.748	327	-	-	327
December	3,289.455	-	-	3,289.455	248	-	-	248
	17,219.416	-	-	20,370.020	2,211	0	0	2,211
Total Systems at end of Period (1)								
	580,579.581	247.400	22.600	580,849.581	50,034	19	1	50,054

Month	Days	Total Generation Ratings Solar	Total Generation Ratings Wind	Total Generation Ratings Other	Total Generation Ratings	Current Month kWh Consumption	Estimated kWh Supplied to Distribution System by Customer-generators (2)	Estimated kWh Delivered to Customer-Generator through the Distribution system (5)	Anniversary Credits	Number of Accounts with Anniversary
	(a)	(b)	(c)		(f)	(g)	(h)	*(g+h)*		
July	31	563,360.165	247.400	22.600	563,630.165	233,704,343	57,889,908		$ (269,068.00)	2,239
August	31	567,718.175	247.400	22.600	567,988.175	142,380,006	58,337,354		$ (193,310.00)	1,860
September	30	571,804.463	247.400	22.600	572,074.463	79,893,815	56,861,517		$ (141,414.00)	1,573
October	31	574,442.378	247.400	22.600	574,712.378	175,202,695	59,027,741		$ (167,992.00)	1,762
November	30	577,290.126	247.400	22.600	577,560.126	53,870,745	57,406,573		$ (126,405.00)	1,840
December	31	580,579.581	247.400	22.600	580,849.581	59,624,168	59,657,860		$ (111,301.00)	1,658
Total						744,675,772	349,180,953	1,093,856,725	$(1,009,490.00)	10,932

Timeliness Of Authorization to Operatate (ATO)4	Percent of ATO Issued On-time
	93.94%

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) 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)

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)

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.