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March 31, 2025

FILED VIA DELAFILE
Secretary Crystal Beenick
Delaware Public Service Commission
861 Silver Lake Boulevard
Cannon Building, Suite 100
Dover, DE 19904

**RE: 2024 Annual Small Generator Interconnection Report filed in
Compliance with 26 *Del. Admin. C.* § 3012-2.12 and Paragraphs 101(e)(i)
and (e)(ii) of the Amended Settlement Agreement in Docket No. 14-193**

Dear Secretary Beenick:

I am writing on behalf of Delmarva Power & Light Company. Attached is Delmarva Power & Light Company's Annual Small Generator Interconnection Report for 2024 (the "Interconnection Report"). The Interconnection Report is filed in compliance with the following two (2) regulatory obligations:

- (1) 26 *Del. Admin. C.* § 3012-2.12; and
- (2) Paragraphs 101(e)(i) and (e)(ii) of the Amended Settlement Agreement in Docket No. 14-193, which was approved by the Delaware Public Service Commission in Order No. 8746, dated June 2, 2015.

I have also attached an attestation that portions of this filing are confidential and therefore are not subject to inspection by either the public or by other parties unless an appropriate proprietary agreement has been executed. The confidential materials are being submitted under the protections of 29 *Del. C.* § 5806(g) and 26 *Del. Admin. C.* §1001-1.11. A redacted public version is also included.

Secretary Beenick
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Should you have any questions, please feel free to contact me at Zi-Xiang.Shen@exeloncorp.com.

Respectfully submitted,

/s/ Zi-Xiang Shen

Zi-Xiang Shen (#6072)

Enclosures

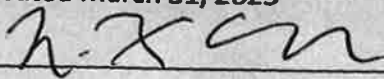
cc: MaryAnne Phillips (w/enclosures)
Alex Vermoer (w/enclosures)

Attestation of Submission of Confidential, Proprietary, and Privileged Material Per 26 Del. Admin. C. § 1001-1.11

I, Zi-Xiang Shen, Assistant General Counsel, of Exelon Corporation, do hereby attest, under penalty of perjury, that the exhibit included in **DELMARVA POWER & LIGHT COMPANY'S Annual Report Filed Pursuant to Interconnection Standards for Delmarva Power (Delaware)** is not a "public record" as defined by 29 Del. C. § 10002(o)(1) because it contains personal identifying information whose disclosure may constitute an invasion of privacy. The exhibit is not subject to inspection by either the public or by other parties unless an appropriate proprietary agreement is executed.

As such, I request that the Delaware Public Service Commission accord confidential treatment to the filing. A redacted public version will be filed.

Executed March 31, 2025



ZI-XIANG SHEN

STATE OF DELAWARE


COUNTY OF NEW CASTLE

Sworn to and subscribed before me on March 31, 2025, by ZI-XIANG SHEN



[NOTARY SEAL]

KELLY JEAN SHOWALTER

My commission expires: 3/09/2027 



Annual Small Generator Interconnection Report

Filed Pursuant to 26 Del. Admin. C. 3012-2.12
Covering Interconnection Standards for Delmarva Power
(Delaware) Through December 31, 2024

March 31, 2025



I. Introduction

Pursuant to the provisions of 26 *Del. Admin. C.* § 3012-2.12 and Condition 101(e) of Order No. 8746, dated June 2, 2015, Delmarva Power & Light Company (Delmarva Power or the Company) submits its Annual Small Generator Interconnection Report for 2024 (the 2024 Annual Report). The 2024 Annual Report includes additional information regarding certain matters related to the interconnection process in compliance with Condition 101(e) of Order No. 8746.

II. Annual Small Generator Interconnection Report

A. Information Required Docket No. 49 - Record Retention and Reporting Requirements

The provisions of 26 *Del. Admin. C.* § 3012-2.12 and Condition 101(e) of Order No. 8746 require that Delmarva Power submit to the Commission, 90 days after the end of the calendar year, a report detailing the following: (1) the total number of and the nameplate capacity of interconnection requests received, approved, and denied under Level 1, Level 2, Level 3 and Level 4 reviews; (2) the fuel type, total number, and total nameplate capacity of small generator facilities approved in each of the following categories: (a) net metering, (b) emergency standby capable of operation in parallel, (c) behind the meter load offset, (d) combined heat and power (CHP), and (e) other; (3) the number of interconnection requests that were not processed within the established deadlines established for each level; and (4) the number of interconnection requests denied and the applicant, the address of the proposed small generator and the reason for each denial.

In compliance with these requirements, the Company reports as follows:

(1) The total number of and the nameplate capacity of interconnection requests received, approved, and denied under Level 1, Level 2, Level 3 and Level 4 reviews

Delmarva Power received 1,047 interconnection requests in 2024 including 342 resubmits, with a total kW^{AC} inverter nameplate capacity of 159,602.2 kW^{AC}. Attachment 1 provides details on the interconnection requests received in 2024.

The Company received 741 Level 1 requests, 270 Level 2 requests, three Level 3 requests, and 33 Level 4 requests.

The Company approved 1,293 interconnection requests for installation in 2024, with a total kW^{AC} inverter nameplate capacity of 129,497.7kW^{AC}.

(2) The fuel type, total number, and total nameplate capacity of small generator facilities approved by category

In 2024, Delmarva Power approved a total of 955 small generator facilities. The Company approved 891 Net Metering interconnection requests, eleven Aggregated Net Metering requests, and 36 Energy Storage & Solar requests, 15 Storage Battery, two Energy Storage Add on with a total nameplate capacity of 22,199 kW^{AC}, 297.5 kW^{AC}, and 501 kW^{AC} respectively. Attachment 1 provides details on the interconnection requests approved in 2024.

(3) The number of interconnection requests that were not processed within the deadlines established for each level

Timeliness of Review for Completeness

Delmarva Power completed the initial review for completeness was 89% of the 1,047 interconnection requests received during 2024 within the required timeframe (five business days).

Corrective Action Plan

DPL did not achieve the required 90% on-time for acknowledgement by 1% due to a high influx of application during the fourth quarter as well as staffing challenges. CA - DPL has developed a process for prioritizing received applications through and enhanced triaging system that will prioritize meeting regulatory timelines.

Timeliness of Approval to Install

Delmarva Power completed more than 91% of the 987 approval to install (ATI) within the required timeframe (15 business days for Level 1 and 20 business days for Level 2). The company received zero level 3 interconnection requests in 2024.

(4) The number of interconnection requests denied and the applicant, the address of the proposed small generator and the reason for each denial.

Delmarva Power denied eight requests to interconnect a small generator facility in 2024. Attachment 1 provides details on the denials.

III. Timeliness of Authorization to Operate

(1) Timeliness of Application Review for Authorization to Operate

Timeliness for Authorization to Operate (ATO) or Permission to Operate 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. Delmarva Power issued 830 ATO letters in 2024. The Company successfully approved more than 97% within the 20-business day commitment.

IV. Customer Education and Outreach

Delmarva Power continues to support renewable energy and partners with its customers to ensure safe and reliable interconnection of renewable energy to the electric grid.

In 2024, Delmarva Power continued its Solar and Distributed Energy Resources Collaborative (the Collaborative) with the purpose of enhancing the relationship and collaboration between the Company and stakeholders with an interest in the implementation and expansion of solar and other Distributed Energy Resources (DER). Delmarva Power hosted solar collaborative virtual webinars. Dates included:

- Delaware Community Solar Collaborative Webinar, March 19, 2024
- PHI Solar and DER Collaborative Webinar, August 8, 2024
- PHI Solar and DER Collaborative Webinar, December 11, 2024

The Collaborative meets to discuss solar and other DER topics relevant to the utility industry, the Company, and Delmarva Power customers. The Company uses feedback, suggestions, and recommendations from these DER Collaborative meetings to help influence communication tactics and key messages to customers, and influence strategic direction related to DER.

V. Improvements to the Interconnection Process

- **Pre-Application improvement** added notifications internal team members are automatically notified regarding application ownership. This feature provides visibility for team members, empowering them to proactively identify and address any potential issues with the application. Make essential fields mandatory such as Latitude and longitude, uploading site plans and system sizes.

Attachment 1

CONFIDENTIAL
Annual Small Generator Interconnection Report
Delmarva Power - Delaware
As of December 31, 2024

(1) **The total number of and the nameplate capacity of the Interconnection requests received, approved or denied under Level 1, Level 2, Level 3, and Level 4**

Applications	# Applications Level 1	AC kW Capacity Level 1	# Applications Level 2	AC kW Capacity Level 2	# Applications Level 3	AC kW Capacity Level 3	# Applications Level 4	AC kW Capacity Level 4
Received	741	4,666.7	270	30,109.2	3	11,956.9	33	112,869.4
Approved	719	4,537.2	245	23,641.0	2	8000	28	93,319.4
Denied	-	-	-	-	2	8000	6	20,500

(2) **The fuel type, total number and the nameplate capacity of small generator facilities approved in each of the following categories, net metering, emergency standby capable of operating in parallel, behind the meter load offset, combined heat and power and other**

Systems Approved 2024	# Net Metering	Net Metering AC kW Capacity	# Aggregated Net Metering	Aggregated Net Metering AC kW Capacity	#Offset Load	Offset Load kW Capacity	#ESS	ESS kW Capacity	#Add on Storage	Add on Storage kW Capacity	#Natural Gas	Natural Gas kW Capacity Not exporting
Solar	891	21,229.69	11	297.49	-	-	-	-	-	-	-	-
Storage + Solar or Other Source	36	501	-	-	-	-	-	-	-	-	-	-
Only Storage Battery	15	151.7	-	-	-	-	-	-	-	-	-	-
Energy Storage Add on	2	20	-	-	-	-	-	-	-	-	-	-
Anaerobic Digestion	-	-	-	-	-	-	-	-	-	-	-	-
Natural Gas	-	-	-	-	-	-	-	-	-	-	-	-

(3) **The number of interconnection requests that were not processed within the deadlines established for Level 1, Level 2, Level 3, and Level 4 reviews**

	Level 1	Level 2	Level 3	Level 4
Review for Completeness	69	49	0	11
Approval to Install	26	79	0	0

(4) **The number of interconnection requests denied and the application, the address for the proposed small generator and the reason for each denial**

ProjectID	Name	Address	Level	Reason for Denial
REDACTED	REDACTED	REDACTED	Level 3	Point of interconnection is not in our territory
			Level 3	Point of interconnection is not in our territory
			Level 4	Point of interconnection is not in our territory
			Level 4	Point of interconnection is not in our territory
			Level 4	Point of interconnection is not in our territory
			Level 4	Point of interconnection is not in our territory
			Level 4	Point of interconnection is not in our territory
			Level 4	Point of interconnection is not in our territory

(5) **Timeliness of Authorization to Operate (ATO)**

Timeliness of Authorization to Operate (ATO)	Percentage of ATOs issued on-time.
830	97%