Renewable Energy Portfolio Standard Report

With Data for Calendar Year 2025

In compliance with
§7-712 of Public Utilities Article,
Annotated Code of Maryland

November 9, 2026



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I. INTRODUCTION

This document constitutes the annual report of the Public Service Commission of Maryland (Commission) regarding the implementation of the Maryland Renewable Energy Portfolio Standard (RPS) Program with data for calendar year 2025. This report is submitted pursuant to §7-712 of the Public Utilities Article (PUA), *Annotated Code of Maryland* which requires the Commission to report to the General Assembly on the status of the implementation of the RPS Program on or before December 1 of each year.[1] The Maryland RPS Program is designed to support a stable and predictable market for energy generated from renewables, to reduce greenhouse gas emissions and eliminate carbon–fueled generation from the State's electric grid, and to lower the cost to consumers of electricity produced from these resources. Implementation of the RPS Program assists in overcoming market barriers seen as impediments to the development of the industry. Moreover, increasing reliance upon renewable energy technologies to satisfy electric power requirements can result in long-term emission reductions, increased fuel diversity, and economic benefits to the State.[2]

The calendar year 2025 electricity supplier compliance reports, as verified by the Commission, indicate that the State of Maryland RPS obligations were partly fulfilled through the submission of Tier 1 and Tier 2 Renewable Energy Credits (RECs).[3] Remaining calendar year 2025 RPS obligations were satisfied by compliance fees, also known as Alternative Compliance Payments (ACPs). This year's ACPs were 14% lower than the ACPs in 2024.

A. Objectives of the Program

The objective of PUA §7-701 *et seq.* (RPS statute) is to recognize and to develop the benefits associated with a diverse portfolio of renewable energy resources to serve Maryland. The State's RPS Program does this by recognizing the environmental and consumer benefits associated with renewable energy. The RPS Program requires electricity suppliers to supply a prescribed minimum portion of their retail electricity sales with various renewable energy resources which have been classified within the RPS statute as Tier 1 and Tier 2 renewable resources. The program is implemented through the creation, sale, and transfer of RECs.

The development of renewable energy resources is further promoted by requiring electricity suppliers to provide an ACP for failing to acquire sufficient RECs to satisfy the RPS as set forth in PUA §7-703. Compliance fees are deposited into the Maryland Strategic Energy Investment Fund (SEIF) as dedicated funds to provide for loans and grants that spur the creation of new Tier 1 renewable energy resources in the State that are owned by or directly benefit low- to moderate-income communities or overburdened or underserved communities.[4] Responsibility

[1] Electricity suppliers must file an RPS compliance report with the Commission for the prior calendar year by April 1st of the subsequent year. Consequently, this report, which is due to the General Assembly in December 2026, highlights data from electricity suppliers' 2026 compliance reports and other relevant 2025 data. In compliance with PUA §7-712, topics addressed in this report include the availability of Tier 1, Tier 1 Solar, and Tier 2 renewable energy sources, compliance fees collected to support in-State renewable projects, and other pertinent information.

[2] *See* PUA §7-702 which describes the legislative intent and legislative findings in support of the enactment of the Maryland Renewable Energy Portfolio Standard.

[3] *See* Section I.B.2 for a description of eligible Tier 1 and Tier 2 resources and requirements.

[4] *See* Article - State Government §9–20B–05(i).

for developing renewable energy resources is vested with the Maryland Energy Administration (MEA).

B. Overview of the Maryland RPS Program

Under the RPS Program, Maryland electricity suppliers are required to demonstrate compliance on an annual basis with an escalating renewable energy portfolio standard. This requirement applies to both competitive retail suppliers and electric companies in the state including those that provide Standard Offer Service.[5] Electricity suppliers must file annual compliance reports with the Commission verifying that the renewable requirement for each entity has been satisfied.

A REC constitutes the renewable attributes associated with one megawatt-hour (MWh) of electricity generated using eligible renewable resources. As such, a REC is a uniquely-identified tradable commodity equal to one MWh of electricity generated or obtained from an eligible renewable energy resource. While RECs are often bundled and sold with the generated electricity, RECs can be traded separately. Generators and electricity suppliers may trade RECs using a Commission-approved system known as the Generation Attributes Tracking System (GATS). The GATS system is operated by PJM Environmental Information Services, Inc. (PJM-EIS) and is designed to track the ownership and trading of generation attributes.[6] A REC has a five-year lifespan during which it may be transferred, sold, or redeemed.[7] However, each electricity supplier must document annually the retirement of RECs equal to the percentage specified by the RPS statute or pay an ACP commensurate with any shortfalls.

[5] Standard Offer Service (SOS) is electricity supply purchased from an electric company by the company's retail customers who cannot or choose not to transact with a competitive supplier operating in the retail market. *See* PUA §§7-501(n), 7-510(c).

[6] An attribute is "a characteristic of a generator, such as location, vintage, emissions output, fuel, state RPS Program eligibility, etc." PJM-EIS, *GATS Operating Rules* (May 2014) at 3.

[7] This was increased to five years by Chapter 595 of the Laws of Maryland 2024.

1. Registration of Renewable Energy Facilities

Facilities eligible for the Maryland RPS Program must be in PJM (the wholesale bulk power control area in which Maryland resides)[8] or an adjacent control area[9] so long as the electricity produced is delivered into the PJM region. However, facilities generating electricity from solar energy, geothermal, and poultry litter–to–energy are eligible only if the facility is connected to the electric distribution grid serving Maryland. Grandfathered facilities generating electricity from waste-to-energy or refuse derived fuel must also be connected to the electric distribution grid servicing Maryland to remain eligible. Energy from a thermal biomass system must be used in Maryland to qualify for the RPS program.[10] Finally, energy from raw or treated wastewater used as a heat source or sink for a heating or cooling system must be either connected with the electric distribution grid serving Maryland or process wastewater from Maryland residents.

Before recommending certification of a Renewable Energy Facility (REF), Commission Staff must determine whether the facility meets the standards set forth by the RPS statute and Code of Maryland Regulations (COMAR) 20.61. REF applicants who qualify under Maryland's RPS Program must complete the appropriate application for REF certification posted on the Commission's RPS website.[11] In addition to the geographic requirements, applicants must also meet the fuel source requirements associated with Tier 1 or Tier 2 (*see* Table 1 below). Verification of the fuel source is completed with the aid of Energy Information Administration Form 860 (EIA-860) to validate each facility's rated nameplate capacity, fuel source(s), location, and commercial operation in-service date.[12] Facilities that co-fire a REC-eligible renewable fuel source with non-eligible fuel sources must also submit a formula or methodology to account for the proportion of total electricity generated by the eligible fuel sources which then may be credited with RECs. In addition to obtaining Commission certification, all REFs must register with GATS to track and transact business related to RECs. The PJM-GATS account must be established with the certification number issued by the Commission upon approval of the REF application.

[8] The PJM wholesale market includes all or parts of Delaware, Illinois, Indiana, Kentucky, Maryland, Michigan, New Jersey, North Carolina, Ohio, Pennsylvania, Tennessee, Virginia, West Virginia, and the District of Columbia.

[9] A control area is an "electric system or systems, bounded by interconnection metering and telemetry, capable of controlling generation to maintain its interchange schedule with other Control Areas and contributing to frequency regulation. For the purposes of this document, a Control Area is defined in broad terms to include transmission system operations, market, and load-serving functions within a single organization. A Control Area operator may be a system operator, a transmission grid operator, or a utility." PJM-EIS, Generation Attribute Tracking System (*GATS) Operating Rules* (April 2018) at 5. For example, the multi-state area controlled by the PJM Regional Transmission Operator is one control area, as is the adjacent Midwest Independent System Operator (MISO) multi-state area, and the adjacent New York ISO.

[10] There are currently no thermal biomass facilities in Maryland.

[11] REF applications are maintained by the Commission and are accessible online, available at: https://www.psc.state.md.us/electricity/description-documents-maryland-renewable-energy-portfolio-standard-program/.

[12] Submitting Form EIA-860 is a requirement under Section 13(b) of the Federal Energy Administration Act of 1974 (Public Law 93-275) for generating plants, regulated and unregulated, which have a nameplate rating of 1 MW or more, are operating or plan to operate within five years, and are connected to the transmission grid.

2. Maryland RPS Annual Percentage Requirements

To comply with the Maryland RPS Program, electricity suppliers must acquire RECs derived from Maryland-certified Tier 1 and Tier 2 renewable sources as defined in PUA §7-701. Eligible fuel sources for Tier 1 RECs and Tier 2 RECs are listed in Table 1; solar, geothermal, and offshore wind have their own standards within Tier 1 and these carve-out are sub-sets of the Tier 1 standard.

Table 1 Eligible Tier 1 and Tier 2 Sources[13]

Tier 1 Renewable Sources	Tier 2 Renewable Sources
● Solar, including energy from photovoltaic technologies and solar water heating systems ● Wind ● Qualifying Biomass ● Methane from a landfill or wastewater treatment plant ● Geothermal ● Ocean ● Fuel Cell that produces electricity from a Tier 1 source ● Hydroelectric power plant less than 30 MW capacity ● Poultry litter-to-energy ● Thermal energy from a thermal biomass system ● Raw or treated wastewater used as a heat source or sink for a heating or cooling system	● Hydroelectric power other than pump storage generation *(Note: Tier 1 RECs may be used to satisfy Tier 2 obligations)*

As shown in Table 2 below, there is a different percentage schedule corresponding to each tier and carve-out requirement comprising the Maryland RPS Program.

- The Tier 1 requirements gradually increase until 2030, after which they are maintained at 2030 levels.

- The Tier 1 Solar carve-out requirement increases from six percent in 2023 to 14.5 percent by 2030.[14] This ramp-up period for the solar carve-out corresponds in part with the implementation of the community solar energy generating facilities which was established in 2015.[15] This pilot was made into a permanent program in 2023.[16]

[13] Waste–to–energy and refuse–derived fuel were removed from the list of eligible Tier 1 Resources effective January 1, 2025 or July 1, 2026 for a facility owned by a public instrumentality of the State. See Chapter 625 of the Laws of Maryland 2025.

[14] Chapter 757 of the Laws of Maryland 2019.

[15] Chapter 346 of the Laws of Maryland 2015.

[16] Chapter 652 of the Laws of Maryland 2023.

There is a potential that Solar Renewable Energy Credits (SRECs) generated by eligible community solar facilities could serve to help meet the increasing Tier 1 Solar carve-out in the coming years.

- The Brighter Tomorrow Act from 2024[17] requires the Commission to establish the Small Solar Energy Generating System Incentive Program under which eligible solar systems may generate certified SRECs that have a compliance value of 150 percent of noncertified SRECs. The Act also extends the duration of all RECs used to comply with Maryland's RPS to five years.

- Beginning in 2017, a constant Tier 1 Offshore Wind carve-out of up to 2.5 percent commenced as part of the Tier 1 portfolio.[18] In Order No. 88192, the Commission established specific offshore wind carve-outs from 2021 through 2042 ranging from 0.60 percent to 2.03 percent. Senate Bill 516, enacted in May 2019, increased the RPS requirements to 50 percent by 2030 and established additional offshore wind carve-outs beginning in 2027.

- Beginning in 2023, a Tier 1 geothermal carve-out of up to 0.05 percent will commence as part of the Tier 1 portfolio, rising to 1.0 percent in 2028. Of the geothermal carve-out, 25 percent must come from systems qualifying as low to moderate income (LMI).

- Maryland's Tier 2 requirement of 2.5 percent was re-established by Senate Bill 65 in 2021.

[17] Chapter 595 of the Laws of Maryland 2024.

[18] The Maryland Offshore Wind Energy Act of 2013 (2013 Md. Laws, Ch. 003) established an offshore wind carve-out within the Tier 1 requirement. A project must be generating RECs in order for the obligation to begin. In the absence of a Commission-determined OREC obligation, electricity suppliers must satisfy the carve-out using RECs derived from other Tier 1 renewable sources.

Table 2 Annual RPS Requirements by Tier[19]

Compliance Year	Tier 1 (Excluding Carve-outs)	Solar	Offshore Wind[20]	Geothermal	LMI Geothermal	Tier 2	Total
2024	27.05%	6.50%	N/A	0.1125%	0.0375%	2.50%	36.20%
2025	26.59%	7.00%	1.66%	0.1875%	0.0625%	2.50%	38.00%
2026	26.89%	8.00%	2.61%	0.3750%	0.1250%	2.50%	40.50%
2027	18.23%	9.50%	13.02%	0.5625%	0.1875%	2.50%	44.00%
2028	17.98%	11.00%	13.02%	0.75%	0.25%	2.50%	45.50%
2029	20.98%	12.50%	13.02%	0.75%	0.25%	2.50%	50.00%
2030+	21.48%	14.50%	13.02%	0.75%	0.25%	2.50%	52.50%

At certain renewable procurement cost thresholds, an electricity supplier can request that the Commission consider a delay in scheduled Tier 1 and Tier 1 Solar RPS percentages.[21] To date, no such request has been made by electricity suppliers operating in the Maryland marketplace.

[19] For an electric cooperative, the solar requirement is 2.5% in 2020 and later. For a municipal electric utility, in 2022 and later, the requirements are 20.4% for Tier 1, which includes 1.95% from solar, and the offshore wind requirement shown above. See PUA §7-703(e).

[20] This percentage includes only the Commission-approved offshore wind energy carve-out from Order No. 88192 and Order No. 90011.

[21] PUA §7-705(e).

3. Maryland RPS Alternative Compliance Payment Requirements

Electricity suppliers who do not meet their RPS obligation through the retirement of eligible RECs must submit an ACP for every unit of shortfall. Table 3 presents the ACP schedule separated by tiers for each compliance year of the RPS Program moving forward.

Table 3 ACP Schedule ($/MWh)

Compliance Year	Tier 1 (Excluding Carve-outs)	Solar	Geothermal	Tier 2	IPL[22] Tier 1
2024	$27.50	$60	$100	$15	$2
2025	$25.00	$55	$100	$15	$2
2026	$24.75	$45	$90	$15	$2
2027	$24.50	$35	$80	$15	$2
2028	$22.50	$32.50	$65	$15	$2
2029	$22.50	$25	$65	$15	$2
2030+	$22.35	$22.50	$65	$15	$2

II. ELECTRICITY SUPPLIER COMPLIANCE REPORTS

Calendar year 2025 marked the 20th compliance year for the Maryland RPS. The RPS compliance reports submitted to the Commission by electricity suppliers, along with information obtained from PJM-GATS, provide information regarding the retired RECs and the underlying REFs (*e.g.*, type and location of generators) utilized by electricity suppliers to comply with Maryland RPS obligations.[23] RPS compliance reports were filed by 109 electricity suppliers, including: 70 competitive retail suppliers; 18 brokers or competitive electricity suppliers with zero retail electricity sales; and 11 electric companies, of which four are investor-owned utilities.

According to the filed compliance reports, there were approximately 58.9 million MWh of total retail electricity sales in Maryland for 2025; 57.8 million MWh of retail electricity sales were subject to RPS compliance, and 1.1 million MWh were exempt.[24] Maryland electricity

[22] Industrial Process Load (IPL) means the consumption of electricity by a manufacturing process at an establishment classified in the manufacturing sector under the North American Industry Classification System. Under PUA §7-705(b)(2) and COMAR 20.61.01.06.E(5), a supplier sale for IPL is required to meet the entire Tier 1 obligation for electricity sales, including solar. However, the ACP for an IPL Tier 1 non-solar shortfall and a Tier 1 Solar shortfall is the same. For IPL, there is no ACP for Tier 2 shortfalls.

[23] According to PUA §7-709, a REC can be diminished or extinguished before the expiration of three years by: the electricity supplier that received the credit; a nonaffiliated entity of the electricity supplier that purchased or otherwise received the transferred credit; or demonstrated noncompliance by the generating facility with the requirements of PUA §7-704(f). In the PJM region, the regional term of art is "retirement," which describes the process of removing a REC from circulation by the REC owner, *i.e.,* the owner "diminishes or extinguishes the REC." PJM-EIS, *GATS Operating Rules* (January 2024) at 54-56.

[24] According to PUA §7-703(a)(2), exceptions for the RPS requirement may include: IPL which exceeds 300,000,000 kWh by a single customer in a year; regions where residential customer rates are subject to a freeze or cap (*see* PUA §7-505); or electric cooperatives under a purchase agreement that existed prior to October 1, 2004, until the expiration of the agreement. COMAR 20.61.01.06D exempts any sale of electricity that is marketed or otherwise represented to customers as renewable or having characteristics of a Tier 1 renewable source or Tier 2 renewable source.

suppliers retired about 8.7 million RECs in 2025which is higher than the approximately 7 million RECs retired in 2024 and 7.9 million RECs retired in 2023. However, the present retirement is far below what it was in 2022 – 16.2 million RECs. The total cost of retired RECs in 2025 was $280.5 million, up from the total cost of $254.6 million in2024 and $243.8 million in 2023. ACP prices for 2025 were slightly higher than the REC prices with the total ACP amount going down in 2025 by about $22 million from the 2024 amount.

Table 4 displays the average cost per REC retired in each tier since 2008. The overall rise in REC prices is likely attributable to the increasing RPS percentages in both Maryland and other PJM states. The rise in SREC prices may be attributable to an increase in demand for SRECs due to the effects of the Clean Energy Jobs Act.[25]

Table 4 Average Cost of RECs per Tier (2008 – 2025)

Year	Tier 1	Geothermal *	Solar	Tier 2
2008	$0.94	N/A	$345.45	$0.56
2009	$0.96	N/A	$345.28	$0.43
2010	$0.99	N/A	$328.57	$0.38
2011	$2.02	N/A	$278.26	$0.45
2012	$3.19	N/A	$201.92	$0.44
2013	$6.70	N/A	$159.71	$1.81
2014	$11.64	N/A	$144.06	$1.81
2015	$13.87	N/A	$130.39	$1.71
2016	$12.22	N/A	$110.63	$0.96
2017	$7.14	N/A	$38.18	$0.48
2018	$6.54	N/A	$31.91	$0.66
2019	$7.77	N/A	$47.26	$1.05
2020	$8.24	N/A	$66.10	$1.06
2021	$14.36	N/A	$72.59	$6.45
2022	$17.80	N/A	$57.80	$7.42
2023	$24.61	$94.47	$56.67	$10.50
2024	$27.09	$94.04	$58.56	$11.16
2025	$24.17	$73.90	$54.32	$13.42

* Note geothermal is only the post-2022 carve-out and does not include the geothermal included in the Tier 1 column.

As demonstrated by Table 5, the aggregated cost of compliance with the Maryland RPS Program in 2025 displays a slight increase from 2024. While costs had been moderately increasing with time, a spike in prices occurred in 2021. This was driven in part by an increase in the requirement for retired SRECs resulting in large quantities of ACPs needing to be purchased. Total ACP amount in 2025 decreased for the first time in five years as REC prices fell below ACP prices across all Tiers. In absolute terms, total retired RECs across all tiers, with the exception of Solar, have increased in 2025 compared with 2024. Retirements of RECs surged for both Geothermal and LMI Geothermal year-over-year: Geothermal nearly doubled and LMI Geothermal increased

[25] Chapter 673 of the Laws of Maryland 2021.

20-fold. While generally REC retirements have increased, ACPs comprise more than half of RPS requirements (63.66%) in 2025.

Table 5 Total Cost of RECs per Year (2019 – 2025)

	Tier	2019	2020	2021	2022	2023	2024	2025
Total REC Costs	Tier 1	$79,320,505	$99,836,127	$187,346,301	$246,480,883	$124,932,208	$90,057,757	$119,830,461
	Solar	$55,166,116	$122,943,987	$144,411,601	$101,384,663	$109,553,864	$150,381,920	$132,121,243
	Geothermal	N/A	N/A	N/A	N/A	$104,295	$2,176,739	$3,197,830
	LMI Geo.	N/A	N/A	N/A	N/A	N/A	$24,375	$489,849
	Tier 2	$58,899	$386,590	$959,225	$4,382,570	$9,254,616	$11,973,971	$16,538,651
	ACPs	$7,730,223	$52,240	$77,129,013	$86,584,883	$320,363,538	$362,291,780	$340,164,648
	Total	**$142,275,743**	**$223,218,944**	**$409,846,140**	**$438,832,999**	**$564,208,520**	**$616,906,542**	**$612,342,681**
Total RECs Retired	Tier 1	10,210,275	12,117,585	13,045,432	13,849,611	5,075,872	3,324,606	4,958,401
	Solar	1,167,329	1,859,976	1,989,505	1,753,987	1,933,280	2,568,159	2,463,025
	Geothermal	N/A	N/A	N/A	N/A	1,032	22,874	44,219
	LMI Geo.	N/A	N/A	N/A	N/A	N/A	276	5,684
	Tier 2	55,879	366,260	148,702	590,330	878,304	1,073,328	1,232,225
	Total	**11,433,483**	**14,343,821**	**15,183,639**	**16,193,928**	**7,888,488**	**6,989,243**	**8,703,554**
RPS % Required	Tier 1	15.20%	22.00%	23.30%	24.60%	25.85%	27.05%	28.25%
	Solar	5.50%	6.00%	7.50%	5.50%	6.00%	6.50%	7.00%
	Geothermal	N/A	N/A	N/A	N/A	0.0375%	0.1125%	0.1875%
	LMI Geo.	N/A	N/A	N/A	N/A	0.0125%	0.0375%	0.0625%
	Tier 2	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
	Total	**23.20%**	**30.50%**	**33.30%**	**32.60%**	**34.40%**	**36.20%**	**38.00%**

Table 6 Results of the 2025 RPS Compliance Reports

RPS Results	Tier 1	Solar	Geo.	LMI Geo.	Tier 2	Total
RPS Obligation	15,901,332	3,601,968	93,475	31,133	1,260,832	20,888,740
Retired RECs	4,958,401	2,463,025	44,219	5,684	1,232,225	8,703,554
ACP Required	$273,573,738	$58,657,890	$4,951,700	$2,529,700	$451,620	$340,164,648

Note: Some electricity suppliers retired more RECs than required.

RECs are valid to demonstrate RPS compliance for the calendar year in which they were generated and in the following four calendar years.[26] Figure 1 aggregates the Maryland RPS tiers based on generation year. For the 2025 compliance year, 79.4 percent of RECs retired were generated in 2025; 9.6 percent in 2024; 9.2 percent in 2023; 1.7 percent in 2022; and 0.2 percent in 2021. This data conveys that RECs are in high demand as they are most often retired in the year of their generation.

[26] COMAR 20.61.03.01C (unless the REC is diminished or extinguished before expiration).

Figure 1 RECs Retired in 2025 by Generation Year

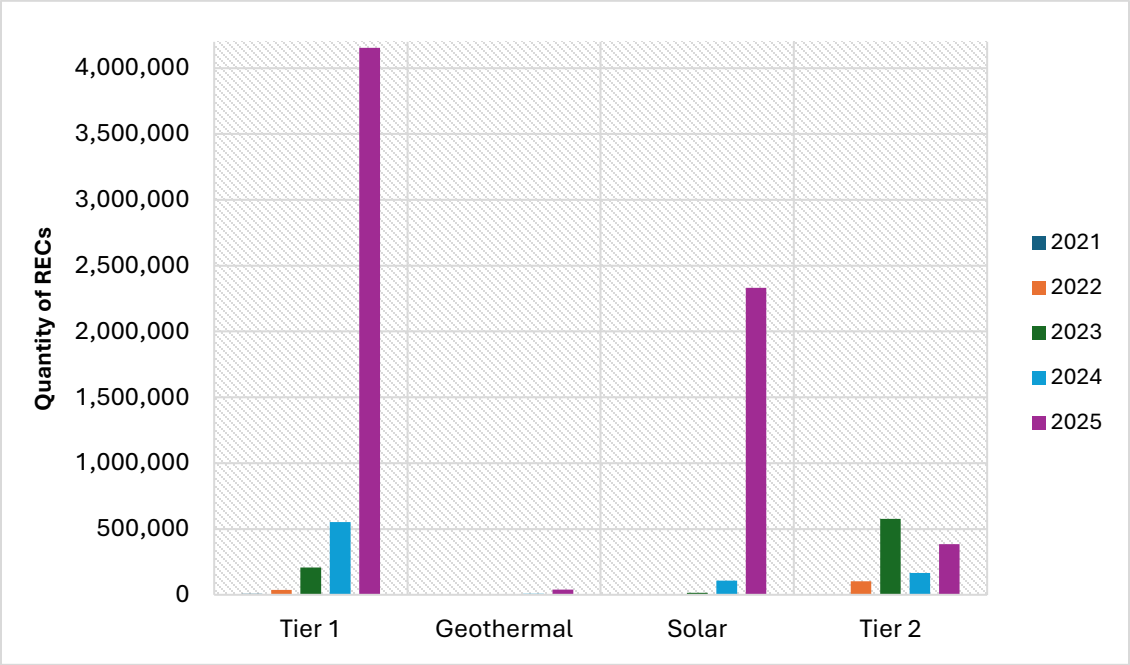
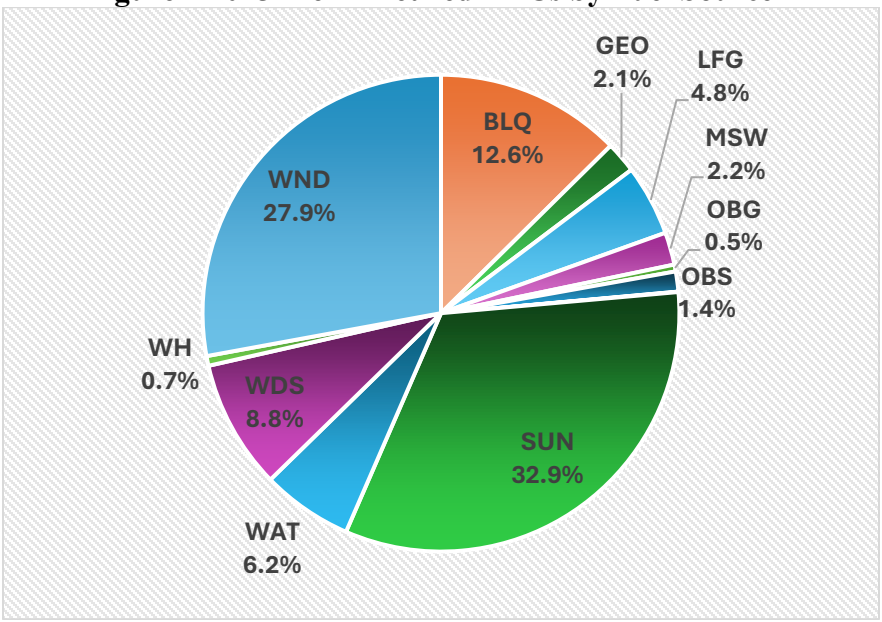


Figure 2 illustrates the fuel sources used to satisfy Tier 1 RPS requirements for the 2025 RPS compliance year. Of the Tier 1 RECs retired for 2025, the resources from which the RECs were sourced consisted primarily of solar, wind, black liquor, and wood and waste solids. Although not pictured, Tier 2 RPS requirements for the 2025 RPS compliance year were satisfied exclusively by RECs derived from hydroelectric power.

Figure 2 2025 Tier 1 Retired RECs by Fuel Source[27]

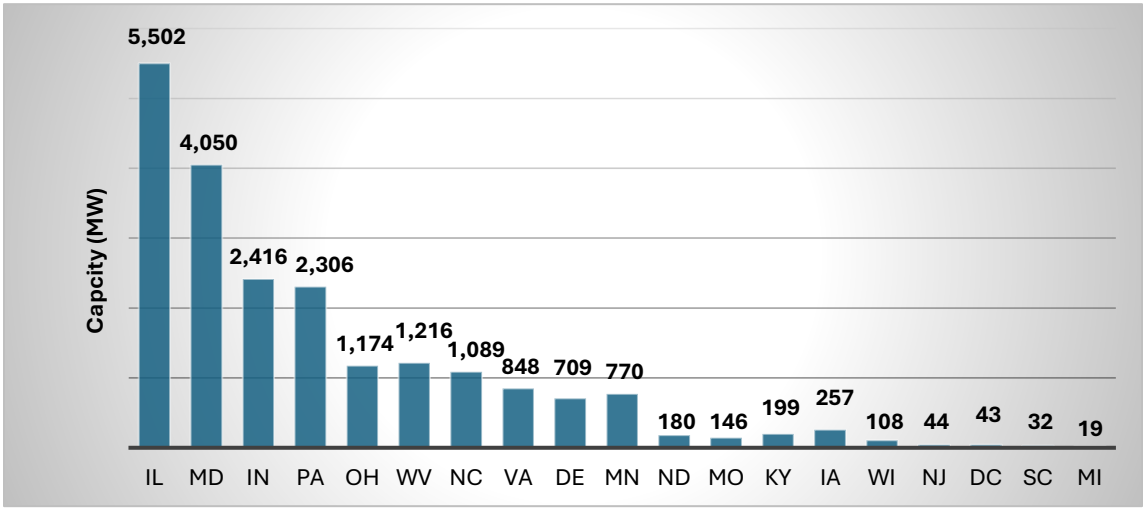


[27] WAT includes Tier 1 only. Solar thermal and geothermal contributed too few RECs to be seen on the chart.

Abbreviations: BLQ, Black Liquor; LFG, Landfill Gas; GEO, Geothermal; MSW, Municipal Solid Waste; OBG, Other Biomass Gas; OBS, Biomass Solids; SUN, PV solar; WAT, Hydroelectric; WH, Waste Heat; WDS, Wood and Waste Solids; WND, Wind.

Figure 3 presents the geographical location and the total generating capacity (21,107 MW) for all Maryland RPS-certified facilities regardless of Tier. RPS requirements also exist in the surrounding states which generally support out-of-state and regional market participation. Illinois is the largest single source with nearly 99 percent of its registered capacity being wind generation.

Figure 3 Total Rated Capacity by State (MW)[28]



For the 2025 compliance year, Figure 4 displays aggregated REC data to convey general relationships among the states that contributed RECs. For the second time, Maryland supplied the largest number of RECs purchased by retail electric suppliers (34.4 percent), followed by North Carolina (16.7 percent), and Virginia (14.1percent). The remaining 14 states were responsible for the remaining 34.8 percent of all RECs procured and retired in 2025.

[28] PJM-EIS, Generation Attribute Tracking System, Database query, (October 1, 2023). The information in this figure does not include Commission-authorized REFs that have not established a REC account with PJM GATS.

Figure 4 Number of RECs Retired by Facility Location (2025)

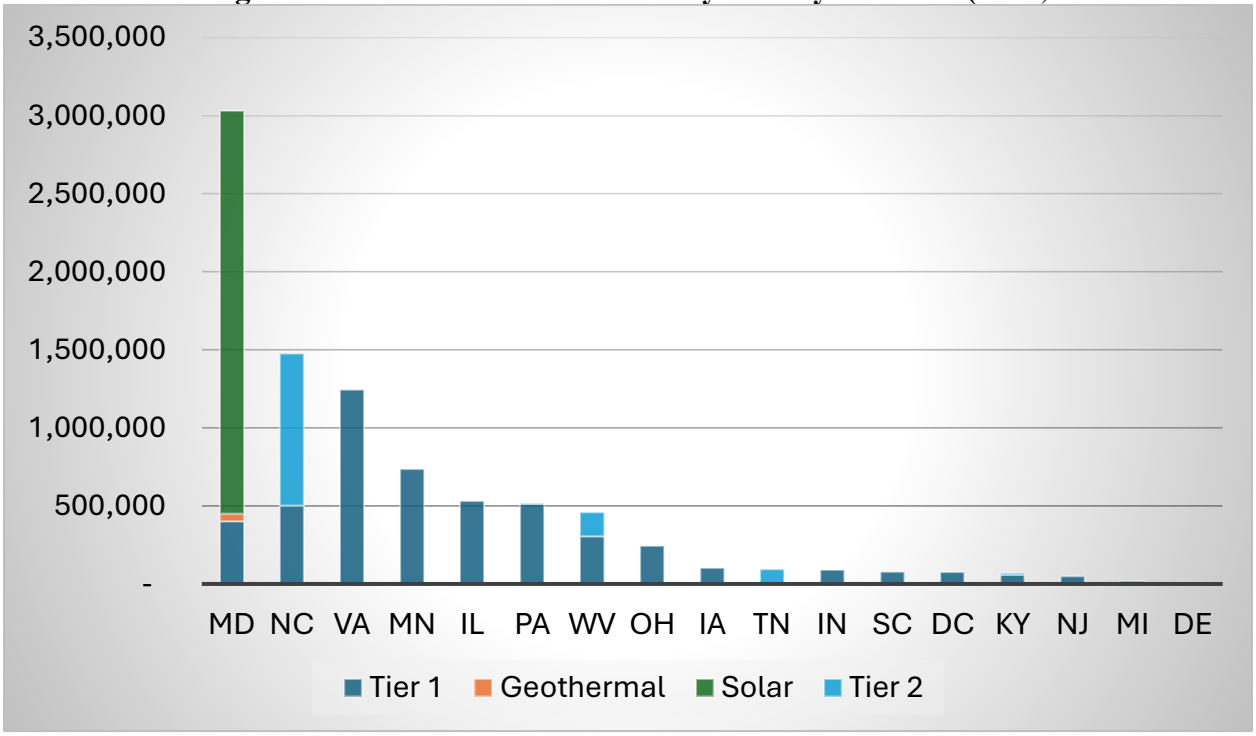


Table 7 and Table 8 provide the quantitative data in support of the previous figure. Table 7 provides the reported levels of RECs retired by Maryland electricity suppliers in 2025 on a tier and aggregate basis whereas Table 8 provides the information on a percentage basis.

Table 7 2025 RECs Retired by State

State	Tier 1	Geothermal	Solar	Tier 2	All Tiers
MD	400,585	2,463,025	49,903	0	2,913,513
NC	501,214	0	0	975,312	1,476,526
VA	1,245,164	0	0	0	1,245,164
MN	736,161	0	0	0	736,161
IL	530,743	0	0	0	530,743
PA	515,194	0	0	201	515,395
WV	305,469	0	0	152,809	458,278
OH	242,987	0	0	0	242,987
IA	102,179	0	0	0	102,179
TN	0	0	0	94,493	94,493
IN	90,026	0	0	0	90,026
SC	77,572	0	0	0	77,572
DC	76,098	0	0	0	76,098
KY	59,314	0	0	9,410	68,724
NJ	49,488	0	0	0	49,488
MI	18,257	0	0	0	18,257
DE	7,950	0	0	0	7,950
Total	**4,958,401**	**2,463,025**	**49,903**	**1,232,225**	**8,703,554**

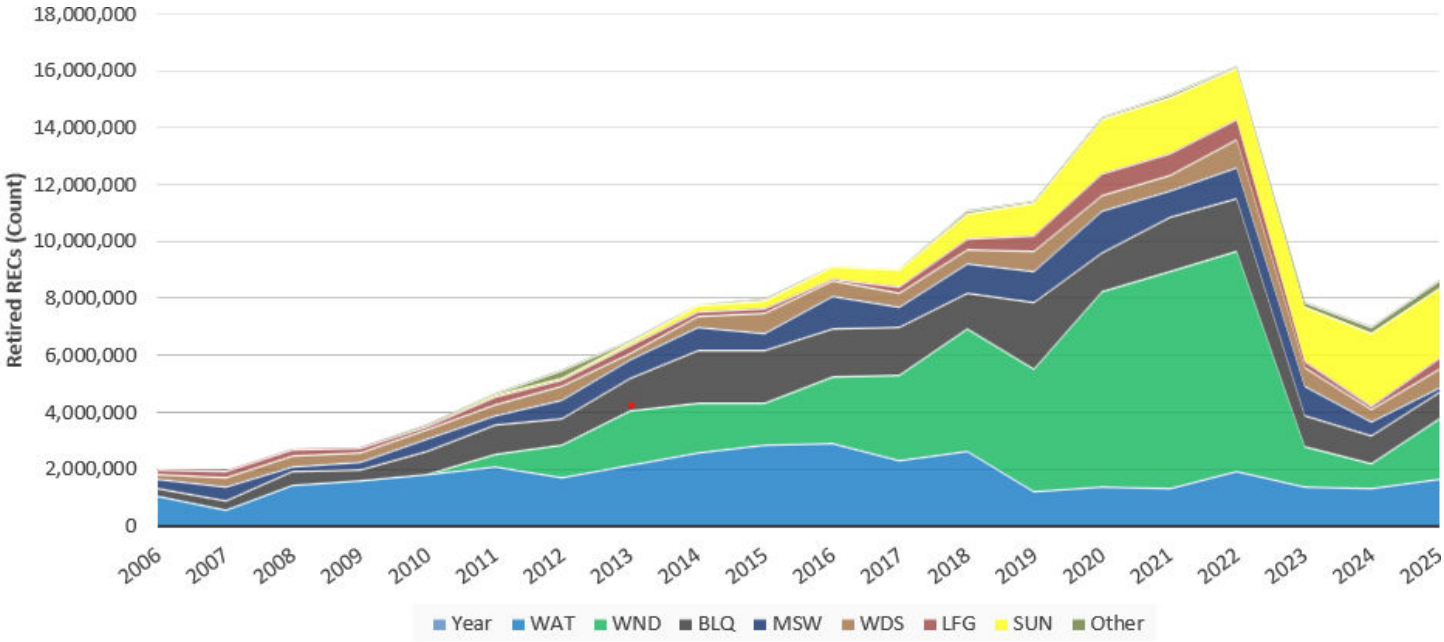
Table 8 2025 RECs Retired by State (%)

State	Tier 1	Geothermal	Solar	Tier 2	All Tiers
MD	8.1%	100.0%	100.0%	0.0%	33.5%
NC	10.1%	0.0%	0.0%	79.2%	17.0%
VA	25.1%	0.0%	0.0%	0.0%	14.3%
IL	14.8%	0.0%	0.0%	0.0%	8.5%
MN	10.7%	0.0%	0.0%	0.0%	6.1%
WV	10.4%	0.0%	0.0%	0.0%	5.9%
OH	6.2%	0.0%	0.0%	12.4%	5.3%
PA	4.9%	0.0%	0.0%	0.0%	2.8%
IA	2.1%	0.0%	0.0%	0.0%	1.2%
TN	0.0%	0.0%	0.0%	7.7%	1.1%
IN	1.8%	0.0%	0.0%	0.0%	1.0%
SC	1.6%	0.0%	0.0%	0.0%	0.9%
DC	1.5%	0.0%	0.0%	0.0%	0.9%
KY	1.2%	0.0%	0.0%	0.8%	0.8%
NJ	1.0%	0.0%	0.0%	0.0%	0.6%
MI	0.4%	0.0%	0.0%	0.0%	0.2%
DE	0.2%	0.0%	0.0%	0.0%	0.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%

Figure 5 illustrates the growth in RECs retired in total and by fuel type from the beginning of the RPS in 2006. For the third consecutive year, solar was the largest contributor of the total number of RECs. Total wind RECs retired for compliance have increased 133% from 2024 though they are still substantially below 2022 retirement levels. Note that the contributions from qualifying biomass sourced from agricultural crops, geothermal, other biomass liquid and gas, and solar thermal are too small to be seen on this chart.

Figure 5 RECs Retired by Fuel Type (2008 – 2025)[29]

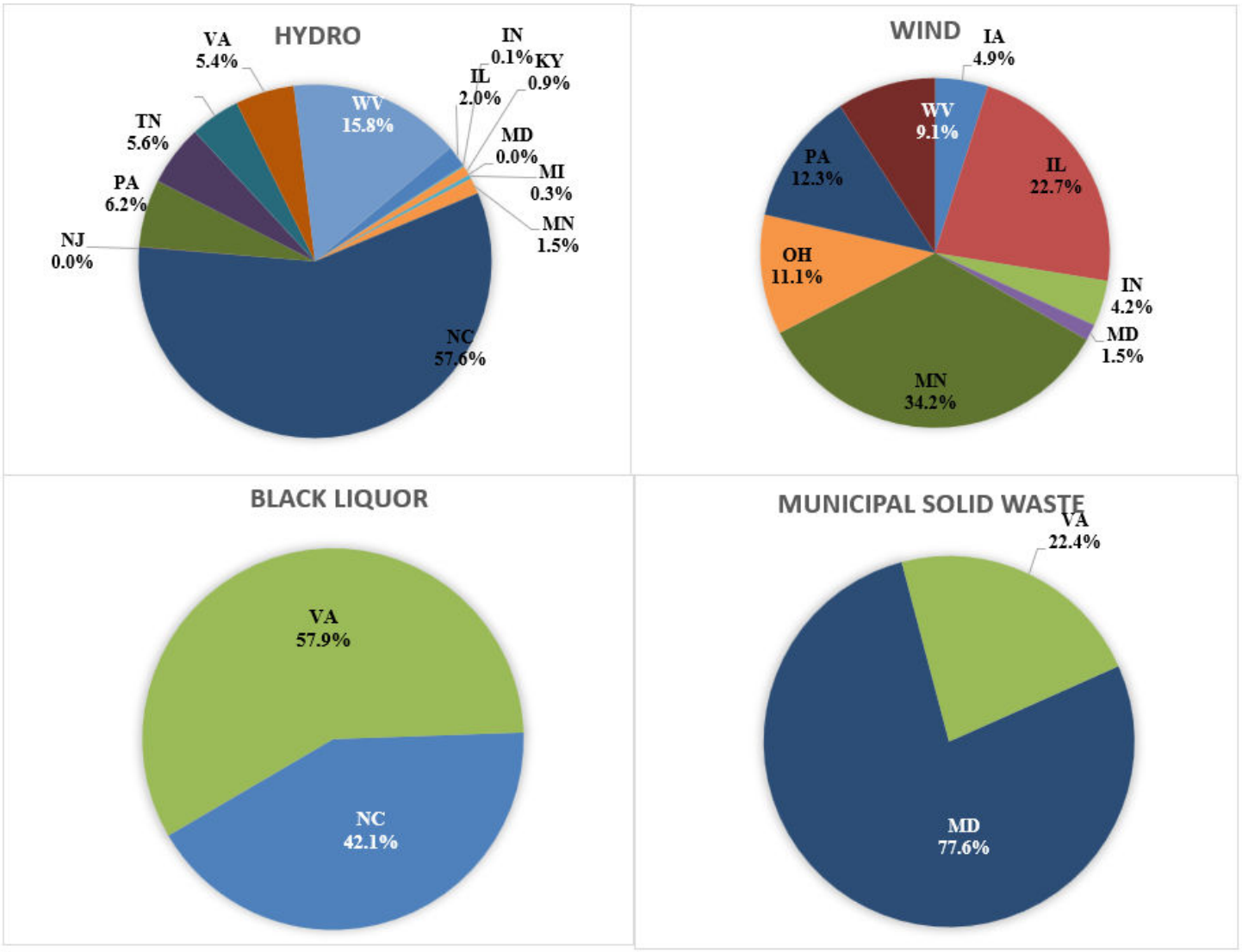
Abbreviations: BLQ, Black Liquor; LFG, Landfill Gas; MSW, Municipal Solid Waste; SUN, Solar Photovoltaic; WAT, Hydroelectric; WDS, Wood and Waste Solids; WND, Wind.



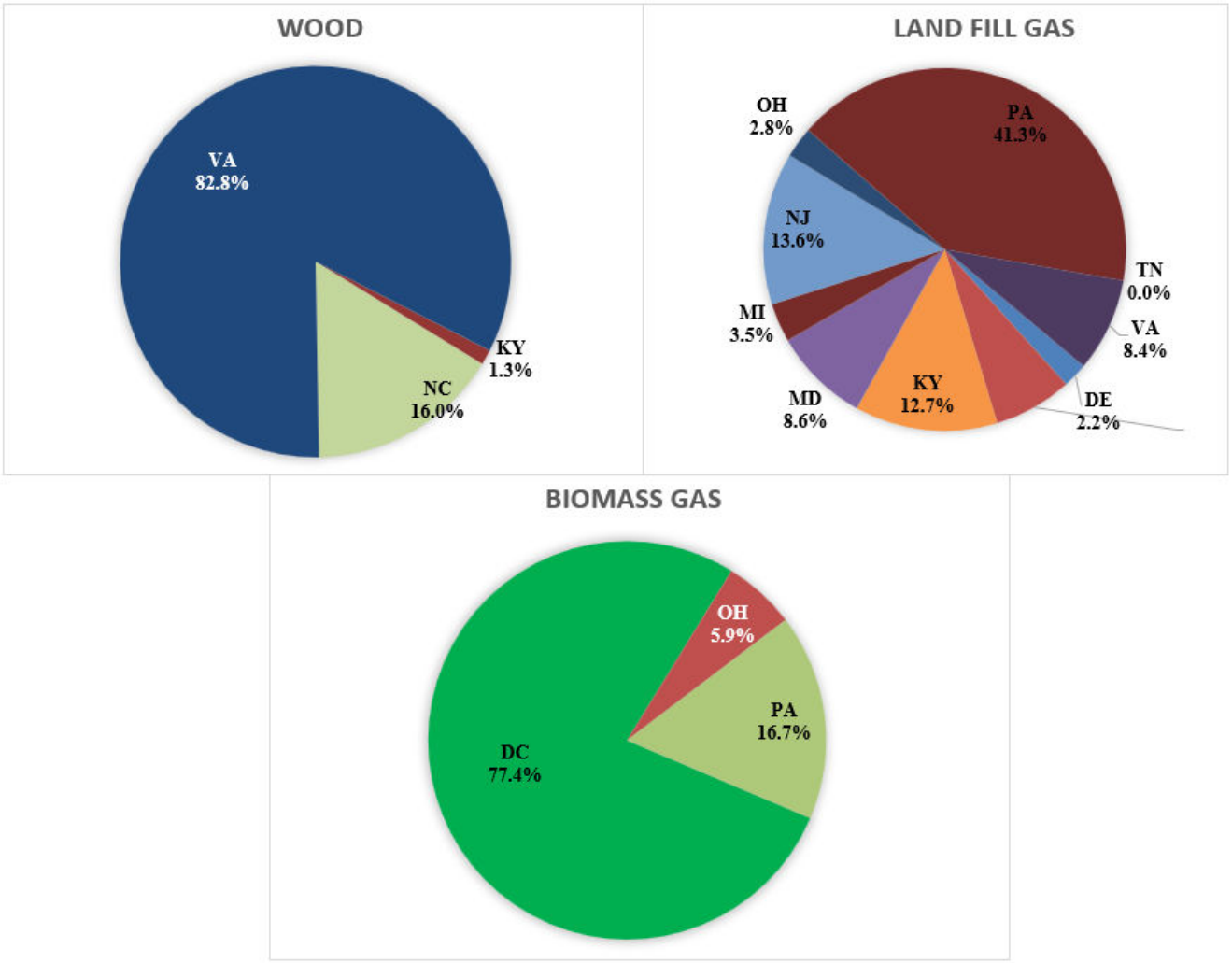
In 2025, all the RECs retired from geothermal and solar sources originated in Maryland while all waste heat RECs came from the District of Columbia. The seven remaining fuels used to comply with Maryland's 2025 RPS requirements corresponded to RECs generated in multiple other states and Figure 6 shows the percentage contribution from each state for each of these seven fuels. Facilities located in Maryland provided 77.6 percent of municipal solid waste RECs retired for compliance in 2025. Maryland resources provided only 2.3 percent of wind RECs, zero percent of hydroelectric RECs, and 12.2 percent of landfill gas RECs. Maryland produced no RECs from wood, black liquor, or biomass gas.

[29] Senate Bill 65 of 2021 (Chapter 673) removed black liquor as an eligible resource. However, this law stated that a presently existing obligation or contract right may not be impaired in any way by this Act; so black liquor RECs will remain eligible until certain still-existing contracts expire.

Figure 6 Percentage of RECs Generated in Each State, by Fuel (2025) [30]



[30] Additional information pertaining to the source of renewable energy used to meet Maryland's 2025 RPS compliance requirements is presented in Appendices A and B. Appendix A provides a breakdown of the *number of RECs* used by electricity suppliers according to tier, fuel type, and facility location while Appendix B presents the *number of facilities* by tier, fuel type, and facility location that provided RECs for compliance.



III. Maryland Renewable Energy Facilities

Implementation of the Maryland RPS Program can provide an incentive for renewable generators to locate in Maryland and generate electricity. The renewable requirement establishes a market for renewable energy, and, to the extent Maryland's geography and natural resources can be utilized to generate renewable electricity, developers may locate projects within the State. This section of the report provides information about the REFs located in Maryland in 2025.[31] Renewable energy generated in Maryland can be used both in Maryland and in other states for RPS compliance purposes and also can be sold in support of competitive retail electricity supplier product offerings (*i.e.*, green power products).

As shown in Table 9, in 2025, eligible sources located within Maryland generated approximately 1.5 million Tier 1 non-solar RECs, 2.6 million Tier 1 SRECs, and 1.5 million Tier

[31] Specific information pertaining to the State's REFs as described herein was made available by PJM-EIS in the GATS State Agency Report.

2 RECs. Additional analyses pertaining to the Maryland-based renewable generators are presented in Appendices C through E. Appendix C shows the disposition of RECs generated in Maryland in 2024. Appendix D provides the number of renewable energy facilities by county that are both located in Maryland and registered with PJM-GATS to participate in any one of the PJM states' RPS programs. Appendix E provides the total capacity of these facilities broken out by county and tier.

Table 9 2025 Maryland-Generated RECs by Fuel Source

Fuel Type		RECs (Quantity)	RECs (Percent)
Tier 1	Geothermal	121,451	2.1%
	Landfill Gas	52,273	0.9%
	Municipal Solid Waste	598,515	10.5%
	Biomass Solids	96,593	1.7%
	Small Hydro	15,938	0.3%
	Wood Waste	0	0.0%
	Wind	685,978	12.0%
Solar	Solar PV	2,603,934	45.5%
	Solar Thermal	2,388	0.0%
Tier 2	Large Hydro	1,548,931	27.1%
Total		**5,726,001**	**100%**

Table 10 presents additional details regarding the disposition of Maryland-generated RECs in calendar year 2025. Approximately 14 percent of the RECs generated by renewable facilities located within Maryland during 2025 are available for potential future sale in Maryland or in other states in subsequent compliance years. Only 35 percent of all RECs generated in Maryland were retired in 2025 to meet the RPS requirements in Maryland and various other PJM states. Labeled as "Other" in Table 10, 51 percent of RECs were used for other purposes which may include pending transfers between parties.

Table 10 Disposition of 2025 Maryland-Generated RECs

REC Tier	Available	RPS Compliance	Other	Total
Tier 1	880,016	690,732	0	1,570,748
Solar	164,301	2,353,665	88,356	2,606,322
Tier 2	557,568	0	991,363	1,548,931
Total	1,601,885	3,044,397	1,079,719	5,726,001

Source: PJM-EIS

Table 11 presents, on a state-by-state basis, the distribution of the RECs both generated in-state and retired for RPS compliance purposes. In 2025, Maryland-generated RECs were retired for compliance purposes in five jurisdictions: the District of Columbia, Delaware, Maryland, New Jersey, and Pennsylvania.

Table 11 2025 Maryland-Generated RECs Retired for RPS Compliance by State

Tier	Fuel Type	DC	DE	MD	NJ	PA	Total
Tier 1	Geothermal	-	-	113,733	-	-	113,733
	Land Fill Gas	-	-	19,272	11,337		30,609
	Municipal Waste	-	-	125,000	102,505	-	227,505
	Biomass Solids	-	-	96,592	-	-	96,592
	Small Hydro	-	-	466	10,584	-	11,050
	Wind	-	59,972	31,258	120,013	-	211,243
	Subtotal	-	59,972	386,321	244,439	-	690,732
	Percentage	-	8.7%	55.9%	35.4%	-	100.0%
Solar	Solar PV	18,019	-	2,329,606	-	4,008	2,351,633
	Solar Thermal	-	-	2,032	-	-	2,032
	Subtotal	18,019	-	2,239,605	-	4,008	2,353,665
	Percentage	0.8%	-	99.1%	-	0.2%	100.0%
Tier 2	Large Hydro	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-
	Percentage	-	-	-	-	-	-
All Tiers	**Grand Total**	**18,019**	**59,972**	**2,717,959**	**244,439**	**4,008**	**3,044,397**
	Percentage	**0.6%**	**2%**	**89.3%**	**8%**	**0.1%**	**100.0%**

Source: PJM-EIS.

IV. GEOTHERMAL CARVE-OUT

In 2021, House Bill 1007[32] was signed into law which created a carve-out within Tier 1 for geothermal RECs created by a system with an in-service date of on or after January 1, 2023. The legislation refers to these as "Post–2022 Geothermal Systems" and the carve-out includes a requirement that at least 25% of the required percentage of the RPS percentage derived from post–2022 geothermal systems be derived from LMI systems.

[32] Chapter 164 of the Acts of 2021.

2025 was the third year the post-2022 geothermal carve-out was applicable and percentage requirements were 0.1875% for non-LMI systems and 0.0625% for LMI systems for a total of 0.25%. This results in a REC obligation of 93,475 non-LMI GRECs and 31,133 LMI GRECs. A large majority of suppliers met these obligations by paying ACPs, with only 43,958 non-LMI GRECs being retired, and 5,836 LMI GRECs. Although short of the REC obligation, both numbers represent a substantial increase from 2024 which saw 22,874 non-LMI GRECs and only 276 LMI GRECs being retired. These shortfalls resulted in ACP payments of $ $4,951,700 for non-LMI GREC obligations and $2,529,700 for LMI GREC obligations.

V. CONCLUSION

The electricity supplier compliance reports for 2025, verified by the Commission, indicate that approximately 42 percent of Maryland RPS obligations were met via the purchase and retirement of RECs with $340 million in ACPs. Approximately 33 percent of RECs used for compliance in 2025 came from in-state resources, down from 45 percent in 2024. RECs derived from three fuel types, namely solar (32.9 percent), wind (27.9 percent), and black liquor (12.6 percent) were the predominant sources of Tier 1 compliance in 2025. Throughout 2025, the Commission will continue to: review applications from facilities requesting certification as a Maryland REF, oversee the RPS Program, and verify that the electricity suppliers in Maryland procure enough electricity generated by renewable resources.

APPENDICES

Appendix A 2025 Retired RECs by Facility

Facility Name	State	Fuel	Quantity	BLQ %	Tier 1
Covington Facility - MeadWestvaco	VA	BLQ	154,227	16.38%	3.11%
Domtar Paper Co LLC	NC	BLQ	235,347	24.99%	4.75%
Franklin Mill	VA	BLQ	215,000	22.83%	4.34%
Hopewell Mill - Gen 1	VA	BLQ	63,136	6.70%	1.27%
Kapstone Kraft Paper	NC	BLQ	161,422	17.14%	3.26%
West Point Mill - GEN8-12	VA	BLQ	112,610	11.96%	2.27%
		Total	**941,742**	**100.00%**	**18.99%**

Facility Name	State	Fuel	Quantity	LFG %	Tier 1
AEP ELKHART 1 LF - 1	NJ	LFG	16,232	4.53%	0.33%
BC MILLERSVILLE 1 LF - 1	VA	LFG	763	0.21%	0.02%
AEP ORCHARD HILLS 1 LF - 1	MI	LFG	12,419	3.46%	0.25%
Archbald Power Station - GEN1	PA	LFG	346	0.10%	0.01%
Bavarian LFGTE	KY	LFG	11,234	3.13%	0.23%
Beecher	IL	LFG	3,506	0.98%	0.07%
Blue Ridge LFGTE - 1	PA	LFG	59,465	16.58%	1.20%
Blue Ridge LFGTE	KY	LFG	4,275	1.19%	0.09%
CCIA	NJ	LFG	4	0.00%	0.00%
CID - LFG Turbines	IL	LFG	2,471	0.69%	0.05%
Croda Atlas Point CHP - Unit 3	DE	LFG	2,710	0.76%	0.05%
Croda Atlas Point CHP - Units 1 and 2	DE	LFG	2,850	0.79%	0.06%
Cuyahoga Generating Facility-1	OH	LFG	3,766	1.05%	0.08%
DPL CENTRAL 1 Landfill	DE	LFG	226	0.06%	0.00%
DPL SOUTHERN 1 Landfill	DE	LFG	2,164	0.60%	0.04%
Eastern Landfill Gas BTM 1	MD	LFG	15,610	4.35%	0.31%
Eastern Landfill Gas BTM 2	MD	LFG	15,203	4.24%	0.31%
FE Eandfohl G E County 1 Landfill 1	OH	LFG	322	0.09%	0.01%
Frey Farm Landfill 1	PA	LFG	21,509	6.00%	0.43%
Green Valley LFGTE	KY	LFG	8,690	2.42%	0.18%
Greene Valley - Landfill Gas Turbines	IL	LFG	3,778	1.05%	0.08%
Hardin County - Landfill Gas Turbines	KY	LFG	1,458	0.41%	0.03%
JC Ocean City 1 Landfill	NJ	LFG	24,117	6.73%	0.49%
Lake Gas Recovery - Gas Turbines	IL	LFG	1,913	0.53%	0.04%
Lycoming Landfill	PA	LFG	31,102	8.67%	0.63%
ME North Lebanon 1 F - 1	PA	LFG	9,517	2.65%	0.19%
Morehead Generating Facility	KY	LFG	11,503	3.21%	0.23%
Ocean County Landfill	NJ	LFG	8,287	2.31%	0.17%
Pendleton County LFGTE Pendleton County Pendleton County	KY	LFG	8,515	2.37%	0.17%

PN Northern Tier 1 D - 1	PA	LFG	4,561	1.27%	0.09%
PN Shippensburgh 1 LF - 1	PA	LFG	18,677	5.21%	0.38%
PS Pennsauken 1 LF - 2	NJ	LFG	21	0.01%	0.00%
Rochelle Energy LLC	IL	LFG	8,011	2.23%	0.16%
Settlers Hill Landfill Gas Turbines	IL	LFG	3,499	0.98%	0.07%
Suburban Landfill Generator	OH	LFG	5,784	1.61%	0.12%
Tullytown Landfill Gas-to-Energy Facility	PA	LFG	2,981	0.83%	0.06%
VP Amelia 1 CT - 1	VA	LFG	1,812	0.51%	0.04%
VP Brunswick 1 Landfill - 1	VA	LFG	4,016	1.12%	0.08%
VP Charles City 1 CT - 1	VA	LFG	4,436	1.24%	0.09%
VP Chesterfield 1 Landfill - 1	VA	LFG	4,420	1.23%	0.09%
VP HENRICO 1 Landfill	VA	LFG	736	0.21%	0.01%
VP Kind and Queen 1 D-1	VA	LFG	4,382	1.22%	0.09%
VP King George 1 LF-1	VA	LFG	8,976	2.50%	0.18%
VP Virginia Beach 1 LF-1	VA	LFG	435	0.12%	0.01%
Woodland Landfill Gas Engines	IL	LFG	1,913	0.53%	0.04%
		Total	**358,615**	**100.00%**	**3.8%**

Facility Name	**State**	**Fuel**	**Quantity**	**MSW %**	**Tier 1**
Covanta Fairfax Energy	VA	MSW	37,014	22.45%	0.75%
Montgomery County - GEN1	MD	MSW	110,049	66.75%	2.22%
Montgomery County - Gen 2	MD	MSW	12,816	7.77%	0.26%
Wheelabrator Baltimore Refuse	MD	MSW	5,000	3.03%	0.10%
		Total	**164,879**	**100.00%**	**3.33%**

Facility Name	**State**	**Fuel**	**Quantity**	**OBG %**	**Tier 1**
Allentown Wastewater Treatment Plant	PA	OBG	5,808	16.72%	0.12%
DC Water Bailey Bioenergy - GTG1	DC	OBG	8,194	23.59%	0.17%
DC Water Bailey Bioenergy - GTG2	DC	OBG	5,268	15.17%	0.11%
DC Water Bailey Bioenergy - GTG3	DC	OBG	13,425	38.65%	0.27%
Haviland Energy - Haviland	OH	OBG	2,040	5.87%	0.04%
		Total	**34,735**	**100.00%**	**0.70%**

Facility Name	**State**	**Fuel**	**Quantity**	**OBG %**	**Tier 1**
Pocomoke Drying Plant	MD	OBS	58,595	57.68%	1.18%
Salisbury Drying Plant	MD	OBS	42,997	42.32%	0.87%
		Total	**101,592**	**100.00%**	**2.05%**

Facility Name	**State**	**Fuel**	**Quantity**	**WAT %**	**Tier 1**
AEP BUCK-BYLLESBY 1 H - 1	VA	WAT	12,413	2.69%	0.25%
AEP GLEN FERRIS 1 H - 1	WV	WAT	1,164	0.25%	0.02%
Allegheny Lock& Dam No 6	PA	WAT	1,812	0.39%	0.04%

Allegheny River Lock No. 8	PA	WAT	68,500	14.86%	1.38%
Allegheny River Lock No. 9	PA	WAT	11,500	2.49%	0.23%
Appomattox River Associates, LP. - Brasfield Hydroelectric Project Facility	VA	WAT	8,726	1.89%	0.18%
Banister Hydro, Inc - Halifax Hydroelectric Project Facility	VA	WAT	1,299	0.28%	0.03%
Beaver Valley Patterson Dam - 1	PA	WAT	272	0.06%	0.01%
Berrien Springs - 1A	MI	WAT	1,827	0.40%	0.04%
Buchanan - 1	MI	WAT	856	0.19%	0.02%
Buzzards Roost Hydro - IMPORT Gen1-3	SC	WAT	31,127	6.75%	0.63%
City of Radford Municipal Hydroelectric Project	VA	WAT	1,355	0.29%	0.03%
City of Rock Falls Upper Sterling Hydro	IL	WAT	4,376	0.95%	0.09%
Coleman Falls Hydro - Unit # 1	VA	WAT	1,003	0.22%	0.02%
Constantine - 1	MI	WAT	256	0.06%	0.01%
Cushaw - 1	VA	WAT	4,024	0.87%	0.08%
Deep Creek - 32	MD	WAT	466	0.10%	0.01%
Dixon Hydroelectric Dam	IL	WAT	13,406	2.91%	0.27%
Elkhart - 1	IN	WAT	719	0.16%	0.01%
French Paper Co - Unit 1 - 4	MI	WAT	2,545	0.55%	0.05%
Great Falls Hydro Project - HY1	NJ	WAT	827	0.18%	0.02%
Holcomb Rock Hydro - Unit # 1	VA	WAT	2,519	0.55%	0.05%
Lockhart Power Hydro - IMPORT Gens1-5	SC	WAT	46,445	10.07%	0.94%
Lockport Powerhouse Hydroelectric Facility	IL	WAT	15,749	3.42%	0.32%
London - 1	WV	WAT	28,590	6.20%	0.58%
Marmet - 1	WV	WAT	41,293	8.96%	0.83%
Moomaws Dam	VA	WAT	2,078	0.45%	0.04%
Mother Ann Lee Hydroelectric Station 1,2,3	KY	WAT	1,285	0.28%	0.03%
Mottville - 1	MI	WAT	354	0.08%	0.01%
Niagara - 1	VA	WAT	1,700	0.37%	0.03%
Pinnacles Hydro Power Project - Units 1-3	VA	WAT	14,648	3.18%	0.30%
Ravenna Hydroelectric Project - Ravenna 1,2,3,4,5	KY	WAT	4,025	0.87%	0.08%
Reusens - 1	VA	WAT	26,690	5.79%	0.54%
Schoolfield Dam - Schoolfield	VA	WAT	6,171	1.34%	0.12%
Snowden Hydro Site - Unit # 1	VA	WAT	1,266	0.27%	0.03%
Swift Creek Hydro, Inc. - Lakeview Hydroelectic Project Facility	VA	WAT	842	0.18%	0.02%
Twin Branch - 1	IN	WAT	1,417	0.31%	0.03%
Twin Cities Hydro LLC	MN	WAT	24,655	5.35%	0.50%
VP EMPORIA 1 H - 1	VA	WAT	6,649	1.44%	0.13%
Winfield - 1	WV	WAT	44,058	9.55%	0.89%
York Haven - 1	PA	WAT	2,674	0.58%	0.05%
Yough Hydro Power - 1	PA	WAT	19,518	4.23%	0.39%

		Total	461,099	100.00%	9.30%
Facility Name	**State**	**Fuel**	**Quantity**	**WDS %**	**Tier 1**
Cox Waste-to-Energy Cogeneration	VA	WDS	147,299	22.50%	2.97%
VP SOUTH BOSTON 1 F - 1	KY	WDS	8,329	1.27%	0.17%
Domtar Paper Co LLC Plymouth NC - TG 7-9-10	NC	WDS	83,355	12.73%	1.68%
Hopewell Mill - Gen 1	VA	WDS	41,263	6.30%	0.83%
Kapstone Kraft Paper Corporation - Generator 1	NC	WDS	21,090	3.22%	0.43%
VP SOUTH BOSTON 1 F - 1	VA	WDS	316,630	48.37%	6.39%
West Point Mill - GEN8-12	VA	WDS	36,626	5.60%	0.74%
		Total	**654,592**	**100.00%**	**13.20%**
Facility Name	**State**	**Fuel**	**Quantity**	**WH %**	**Tier 1**
Blue Plains Wastewater Treatment	DC	WH	40,105	81.50%	0.81%
DC Water Bailey Bioenergy	DC	WH	9,106	18.50%	0.18%
		Total	**49,211**	**100.00%**	**0.99%**
Facility Name	**State**	**Fuel**	**Quantity**	**WND %**	**Tier 1**
AEP BLUFF POINT 2 WF - 2	IN	WND	1,943	0.09%	0.04%
AEP FOWLER RIDGE 2-3 WF - 23	IN	WND	1	0.00%	0.00%
AEP HOG CREEK 1 WF - 1	OH	WND	203,524	9.77%	4.10%
AEP MEADOW LAKE 1 WF - 1	IN	WND	31	0.00%	0.00%
AEP MEADOW LAKE 3 WF - 3	IN	WND	6,822	0.33%	0.14%
AEP MEADOW LAKE 4 WF - 4	IN	WND	53	0.00%	0.00%
AEP MEADOW LAKE 5 WF - 5	IN	WND	7,628	0.37%	0.15%
AEP MEADOW LAKE 6 WF - 6	IN	WND	8,323	0.40%	0.17%
AEP PAULDING 41 WF - 41	OH	WND	6,251	0.30%	0.13%
AEP PAULDING 42 WF - 42	OH	WND	9,923	0.48%	0.20%
AEP WILDCAT 1A WF - 1	IN	WND	22,152	1.06%	0.45%
AP CRITERION 1 WF - 1	MD	WND	4,600	0.22%	0.09%
AP PINNACLE 1 WF - 1	WV	WND	183,680	8.82%	3.70%
AP ROTH ROCK 1 WF - 1	MD	WND	26,560	1.27%	0.54%
AP SOUTH CHESTNUT 1 WF - 1	PA	WND	1,697	0.08%	0.03%
Ball Metal Beverage Container	OH	WND	26	0.00%	0.00%
Barton Windpower, LLC - Barton II IMPORT	IA	WND	30,317	1.46%	0.61%
COM KELLY CREEK 1 WF - 1	IL	WND	8,202	0.39%	0.17%
COM BLOOMING GROVE 1 WF1 - 1	IL	WND	1,200	0.06%	0.02%
COM BRIGHT STALK 1 WF - 1	IL	WND	42,499	2.04%	0.86%
COM CAMP GROVE 1 WF - 1	IL	WND	758	0.04%	0.02%
COM CAMP GROVE 2 WF - 2	IL	WND	33	0.00%	0.00%
COM CAYUGA RIDGE 1 WF - 1	IL	WND	31,025	1.49%	0.63%
COM ECO GROVE 1 WF - 1	IL	WND	13,396	0.64%	0.27%

COM GRAND RIDGE 1 WF - 1	IL	WND	13,784	0.66%	0.28%
COM GRAND RIDGE 3 WF - 3	IL	WND	114	0.01%	0.00%
COM MIDLAND 1 WF - 1	IL	WND	30	0.00%	0.00%
COM MINONK 1 WF - 1	IL	WND	11,393	0.55%	0.23%
COM OTTER CREEK 1 WF - 1	IL	WND	512	0.02%	0.01%
COM RADFORDS RUN 1 WF - 1	IL	WND	42,872	2.06%	0.86%
COM TOP CROP 1 WF - 1	IL	WND	18,735	0.90%	0.38%
COM TOP CROP 2 WF - 2	IL	WND	50,017	2.40%	1.01%
COM WALNUT RIDGE 1 WF - 1	IL	WND	9,205	0.44%	0.19%
Fowler Ridge II Wind Farm - Vectren - FR2	IN	WND	40,937	1.96%	0.83%
Freeborn Wind Farm	MN	WND	438,680	21.06%	8.85%
Haviland Wind Farm - WTG A	OH	WND	1,833	0.09%	0.04%
Haviland Wind Farm - WTG B	OH	WND	1,782	0.09%	0.04%
Haviland Wind Farm - WTG C	OH	WND	1,685	0.08%	0.03%
Martin Marietta Wind Project	OH	WND	6,051	0.29%	0.12%
Mendota Hills LLC - 1	IL	WND	287	0.01%	0.01%
Moraine Wind, LLC - Moraine Wind I - IMPORT	MN	WND	14,058	0.67%	0.28%
Mountaineer Wind Energy Center - WT1	WV	WND	4,100	0.20%	0.08%
Northern Wind Farm - Northern Wind Farm	MN	WND	36,876	1.77%	0.74%
PL LOCUST RIDGE 2 WF - 2	PA	WND	21,383	1.03%	0.43%
PN ALLEGHENY RIDGE 1 WF - 1	PA	WND	6,838	0.33%	0.14%
PN CASSELMAN 1 WF - 1	PA	WND	5,207	0.25%	0.11%
PN HIGHLAND NORTH 2 WF - 2	PA	WND	159	0.01%	0.00%
PN LOOKOUT 1 WF - 1	PA	WND	91,128	4.37%	1.84%
PN MEHOOPANY 1 WF - 1	PA	WND	500	0.02%	0.01%
PN MEHOOPANY 2 WF - 2	PA	WND	65,418	3.14%	1.32%
PN RINGER HILL 1 WF - 1	PA	WND	6,817	0.33%	0.14%
PN SANDY RIDGE 1 WF - 1	PA	WND	2,777	0.13%	0.06%
PN STONY CREEK 1 WF - 1	PA	WND	55,028	2.64%	1.11%
Talbot County Bio-Mass	MN	WND	221,892	10.65%	4.48%
Settlers Trail Wind Farm- 2 - IMPORT	IL	WND	228,059	10.95%	4.60%
Storm Lake Power Partners II	IA	WND	71,862	3.45%	1.45%
Talbot County Bio-Mass Facility - Wind	MD	WND	98	0.00%	0.00%
VP NEW CREEK 1 WF - 1	WV	WND	2,584	0.12%	0.05%
		Total	**2,083,345**	**100.00%**	**42.02%**

Facility Name	**State**	**Fuel**	**Quantity**	**WAT %**	**Tier 2**
AEP CALDERWOOD 1 H - 1	TN	WAT	330	0.03%	0.03%
AEP CHEOAH 1 H - 1	NC	WAT	1,535	0.14%	0.14%
Belleville - 1	WV	WAT	714	0.06%	0.06%
Calderwood - Eligible - 1	TN	WAT	47,643	4.45%	4.45%
Cheoah - Eligible - 1	NC	WAT	54,210	5.07%	5.07%
Chilhowee - Eligible - 1-3	TN	WAT	46,520	4.35%	4.35%

EKPC LAUREL DAM 1 H - 1	KY	WAT	9,410	0.76%	0.76%
Falls - IMPORT	NC	WAT	137,543	12.86%	12.86%
Hawks Nest – Hawks Nest	WV	WAT	152,095	12.34%	12.34%
High Rock - IMPORT	NC	WAT	106,385	9.94%	9.94%
Narrows - IMPORT	NC	WAT	499,170	46.66%	46.66%
Safe Harbor – 7	PA	WAT	201	0.02%	0.02%
Santeetlah - Eligible - 1-2	NC	WAT	45,472	4.25%	4.25%
Tuckertown - IMPORT	NC	WAT	130,997	12.24%	12.24%
		Total	**1,232,225**	**100.00%**	**100.0%**

Tier 1 REC Total	4,958,408
SREC Total	2,463,018
GEO Total	49,903
Tier 2 REC Total	1,232,225
Grand Total	8,703,554

* Neither solar nor geothermal facilities are represented in this table. In 2025, 94,693 facilities accounted for 2,463,018 SRECs, and 2,450 facilities accounted for 49,903 GRECs and 108,591 Tier 1 RECs.

Appendix B Location of Facilities that Provided RECs for 2025 RPS Compliance

	DC	DE	IA	IL	IN	KY	MD	MI	MN	NC	NJ	OH	PA	SC	TN	VA	WV	Total
Tier 1																		
Black Liquor	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	4	-	6
Geothermal	-	-	-	-	-	-	1,500	-	-	-	-	-	-	-	-	-	-	1,500
Landfill Gas	-	4	-	7	-	6	2	1	-	-	5	3	8	-	-	9	-	45
Municipal Solid Waste	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	1	-	4
Other Biomass Gas	3	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	5
Other Biomass Solids	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	2
Small Hydro	-	-	-	3	2	2	1	5	1	-	1	-	6	2	-	15	4	42
Waste Heat	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
Wood Waste	-	-	-	-	-	1	-	-	-	2	-	-	-	-	-	4	-	7
Wind	-	-	2	18	9	-	3	-	4	-	-	8	11	-	-	-	3	58
Tier 1 Solar																		
Solar PV	-	-	-	-	-	-	94,017	-	-	-	-	-	-	-	-	-	-	94,017
Solar Thermal	-	-	-	-	-	-	676	-	-	-	-	-	-	-	-	-	-	676
LI Geothermal																		
							950											950
Tier 2																		
Large Hydro	-	-	-	-	-	1	-	-	-	7	-	-	1	-	3	-	2	14
Total	**8**	**4**	**2**	**28**	**11**	**10**	**97,154**	**6**	**5**	**11**	**6**	**12**	**27**	**2**	**3**	**33**	**9**	**97,331**

Note: In order to prevent double counting, facilities using multiple fuels are only listed under their primary fuel.

Appendix C Disposition of 2025 Vintage RECs Generated in Maryland

Fuel Type and Tier		RECs Retired for RPS Compliance by State						Available	Other	Total RECs Generated
		DC	DE	MD	NJ	PA	Total			
Geothermal	GEO	-	-	113,733	-	-	113,733	7,718	-	121,451
Landfill Gas	LFG	-	-	19,272	11,337	-	30,609	21,664	-	52,273
Municipal Solid Waste	MSW	-	-	125,000	102,505	-	227,505	371,010	-	598,515
Other Biomass Solids	OBS	-	-	96,592	-	-	96,592	1	-	96,593
Small Hydro	WAT	-	-	466	10,584	-	11,050	4,888	-	15,938
Wind	WND	-	59,972	31,258	120,013	-	211,243	474,735	-	685,978
Tier 1 Non-solar Total		-	59,972	386,321	244,439	-	690,732	880,016	-	1,570,748
Solar PV	SUN	18,019	-	2,329,606	-	4,008	2,351,633	163,945	88,356	2,603,934
Solar Thermal	STH	-	-	2,032	-	-	2,032	356	-	2,388
Tier 1 Solar Total		18,019	-	2,331,638	-	4,008	2,353,665	164,301	88,356	2,606,322
Large Hydro	WAT	-	-	-	-	-	-	557,568	991,363	1,548,931
Tier 2 Total		-	-	-	-	-	-	557,568	991,363	1,548,931
Grand Total		18,019	59,972	2,717,959	244,439	4,008	3,044,397	1,601,885	1,079,719	5,726,001

Appendix D Number of Renewable Energy Facilities Located in Maryland

Maryland County	Tier 1	Solar	Tier 2	Total
Allegany	1	111	-	112
Anne Arundel	296	12,029	-	12,325
Baltimore	507	11,682	-	12,189
Baltimore City	25	1,795	-	1,820
Calvert	61	1,175	-	1,236
Caroline	2	468	-	470
Carroll	91	3,165	-	3,256
Cecil	76	2,303	-	2,379
Charles	47	4,035	-	4,082
Dorchester	5	515	-	520
Frederick	165	4,109	-	4,274
Garrett	9	108	-	117
Harford	400	5,401	1	5,802
Howard	253	6,462	-	6,715
Kent	9	463	-	472
Montgomery	283	17,746	-	18,029
Prince Georges	52	29,291	-	29,343
Queen Annes	25	975	-	1,000
Somerset	5	373	-	378
St Marys	37	2,041	-	2,078
Talbot	29	375	-	404
Washington	117	1,474	-	1,591
Wicomico	12	1,625	-	1,637
Worcester	21	695	-	716
Total	2,528	108,416	1	110,945

Note: This list includes all renewable generators that are both: 1) located within Maryland, and 2) registered to participate in any one of the PJM states' renewable energy programs as of June 1st 2026.

Appendix E Capacity of Renewable Energy Facilities Located in Maryland (MW)

Maryland County	Tier 1	Solar	Tier 2	Total
Allegany	54.9	37.9	-	92.8
Anne Arundel	16.9	194.3	-	211.2
Baltimore	90.4	226.7	-	317.1
Baltimore City	1.6	39.5	-	41.0
Calvert	2.4	15.0	-	17.4
Caroline	0.1	18.9	-	19.0
Carroll	3.7	92.2	-	96.0
Cecil	3.2	63.5	-	66.7
Charles	2.3	96.0	-	98.3
Dorchester	0.1	153.7	-	153.8
Frederick	6.7	171.8	-	178.6
Garrett	210.1	207.5	-	417.7
Harford	16.6	151.2	474.0	641.7
Howard	11.6	162.2	-	173.8
Kent	0.4	24.1	-	24.5
Montgomery	91.5	243.7	-	335.2
Prince Georges	8.5	443.6	-	452.1
Queen Annes	1.1	232.8	-	233.9
Somerset	3.9	155.0	-	159.0
St Marys	1.7	23.8	-	25.4
Talbot	70.7	19.2	-	89.9
Washington	4.6	109.4	-	114.0
Wicomico	13.7	67.8	-	81.5
Worcester	8.1	40.5	-	48.7
Total	625.0	2,990.4	474.0	4,089.4

Note: This list includes all renewable generators that are both: 1) located within Maryland, and 2) registered to participate in any one of the PJM states' renewable energy programs as of 2025.

Appendix F Maryland Certified Renewable Energy Facilities[33]

Plant Name	State	Date Online	Certification No.
ACE CUMBERLAND CTY 1 LF	NJ	11/01/2008	MD-40139-LFG-01
AE ONTARIO WF	NJ	12/01/2005	MD-20166-WND-01
AEP BITTER RIDGE 1 WF	IN	09/01/2020	MD-20208-WND-01
AEP BLUE CREEK 3 WF	OH	10/01/2011	MD-20141-WND-01
AEP BLUFF POINT 2 WF	IN	09/01/2017	MD-20182-WND-01
AEP BUCK-BYLLESBY 1 H	VA	01/01/1912	MD-90204-WAT-01
AEP CLOYDS MT 1 LF	VA	12/01/2014	MD-40197-LFG-01
AEP ELKHART 1 LF	IN	10/01/2010	MD-40206-LFG-01
AEP FOWLER RIDGE 1A WF	IN	02/01/2009	MD-20112-WND-01
AEP FOWLER RIDGE 1B WF	IN	02/01/2009	MD-20112-WND-01
AEP FOWLER RIDGE 1C WF	IN	02/01/2009	MD-20112-WND-01
AEP FOWLER RIDGE 2-1 WF	IN	12/01/2009	MD-20138-WND-01
AEP FOWLER RIDGE 2-2 WF	IN	12/01/2009	MD-20138-WND-01
AEP FOWLER RIDGE 2-3 WF	IN	12/01/2009	MD-20138-WND-01
AEP FOWLER RIDGE 3 WF	IN	02/01/2009	MD-20139-WND-01
AEP FOWLER RIDGE 4 WF	IN	12/01/2015	MD-20172-WND-01
AEP FRIES HYDRO	VA	01/01/1933	MD-90177-WAT-01
AEP GLEN FERRIS 1 H	WV	12/01/2011	MD-90220-WAT-01
AEP HEADWATERS 1 WF	IN	10/01/2014	MD-20163-WND-01
AEP HEADWATERS 2 WF	IN	01/01/2021	MD-20216-WND-01
AEP HOG CREEK 1 WF	OH	12/01/2017	MD-20186-WND-01
AEP JAY COUNTY 1 LF	IN	04/01/2005	MD-40205-LFG-01
AEP MEADOW LAKE 1 WF	IN	10/01/2009	MD-20131-WND-01
AEP MEADOW LAKE 2 WF	IN	06/01/2010	MD-20132-WND-01
AEP MEADOW LAKE 3 WF	IN	08/01/2010	MD-20133-WND-01
AEP MEADOW LAKE 4 WF	IN	10/01/2010	MD-20134-WND-01
AEP MEADOW LAKE 5 WF	IN	07/01/2017	MD-20181-WND-01
AEP MEADOW LAKE 6 WF	IN	11/01/2018	MD-20193-WND-01
AEP ORCHARD HILLS 1 LF	MI	01/01/2013	MD-40201-LFG-01
AEP PAULDING 3 WF	OH	11/01/2016	MD-20177-WND-01
AEP PAULDING 41 WF	OH	01/01/2020	MD-20215-WND-01
AEP PAULDING 42 WF	OH	03/01/2020	MD-20215-WND-01
AEP SCIOTO RIDGE 1 WF	OH	10/01/2020	MD-20213-WND-01
AEP SUMMERSVILLE 1-2 H	WV	01/01/2001	MD-90178-WAT-02
AEP TIMBER2 1 WF	OH	06/01/2011	MD-20221-WND-01

[33] This list excludes solar facilities, none of which was installed prior to 1998. Also excluded is geothermal, none of which was installed prior to 2006. A full list of facilities can be found here: https://gats.pjm-eis.com/gats2/PublicReports/RenewableGeneratorsRegisteredinGATS.

AEP TRISHE 1 WF	OH	08/01/2018	MD-20189-WND-01
AEP WILDCAT 1A WF	IN	10/01/2012	MD-20158-WND-01
AEP WILDCAT 1B WF	IN	10/01/2012	MD-20158-WND-01
Allegheny 5	PA	10/01/1988	MD-90180-WAT-01
Allegheny Lock& Dam No 6 Hydro Project	PA	01/01/1989	MD-90181-WAT-01
Allegheny River Lock and Dam No. 8	PA	11/01/1990	MD-90799-WAT-01
Allegheny River Lock and Dam No. 9	PA	11/01/1990	MD-90798-WAT-01
Allentown Wastewater Treatment Plant	PA	07/01/2014	MD-40187-OBG-01
AMP Wind Farm / OMEGA JV 6	OH	12/01/2004	MD-20183-WND-01
AP ARDEN 1 LF	PA	01/01/2009	MD-40145-LFG-01
AP BEECH RIDGE 1 WF	WV	01/01/2010	MD-20137-WND-01
AP BEECH RIDGE 2 WF	WV	03/01/2020	MD-20203-WND-01
AP BLACK ROCK 1 WF	WV	10/01/2021	MD-20217-WND-01
AP CRITERION 1 WF	MD	12/01/2010	MD-20124-WND-01
AP DANS MOUNTAIN 1 WF	MD	02/01/2025	MD-20233-WND-01
AP FAIR WIND 2 WF	MD	11/01/2015	MD-20170-WND-01
AP FOURMILE RIDGE 1 WF	MD	12/01/2014	MD-20167-WND-01
AP GREENLAND GAP 1 WF	WV	12/01/2007	MD-20109-WND-01
AP LAUREL MOUNTAIN 1 WF	WV	05/01/2011	MD-20136-WND-01
AP MISC HYDRO H	WV	06/01/1938	MD-90102-WAT-01
AP PINNACLE 1 WF	WV	11/01/2011	MD-20135-WND-01
AP ROTH ROCK 1 WF	MD	11/01/2010	MD-20122-WND-01
AP SOUTH CHESTNUT 1 WF	PA	11/01/2011	MD-20142-WND-01
AP TWIN RIDGES 1 WF	PA	09/01/2012	MD-20149-WND-01
AP UPTON DG 1 F	PA	11/01/2004	MD-40163-LFG-01
AP WILLOW ISLAND 1 H	WV	11/01/2015	MD-90258-WAT-02
Appomattox River Associates, LP.	VA	09/01/1992	MD-90214-WAT-01
Archbald Power Station	PA	09/01/1988	MD-40115-LFG-01
Ball Metal Beverage Container Corp.	OH	08/01/2020	MD-20209-WND-01
Banister Hydro, Inc	VA	01/01/1915	MD-90212-WAT-01
Barton Windpower, LLC	IA	06/01/2009	MD-20234-WND-01
Bavarian LFGTE	KY	09/01/2003	MD-40176-LFG-01
BC ALPHA RIDGE 1 LF	MD	07/01/2012	MD-40171-LFG-01
BC MILLERSVILLE 1 LF	MD	06/01/2012	MD-40168-LFG-01
Beaver Valley Patterson Dam	PA	09/01/1982	MD-90256-WAT-01
Beecher	IL	06/01/2006	MD-40138-LFG-01
Belleville	WV	04/01/1999	MD-90243-WAT-02
Bent Tree Wind - Import	MN	02/01/2011	MD-20238-WND-01
Berrien Springs	MI	01/01/1996	MD-90229-WAT-01
Big Shoals Hydro	VA	12/01/1925	MD-90183-WAT-01

Biodyne Pontiac	IL	12/01/1999	MD-40199-LFG-01
Blue Ridge LFGTE	KY	11/01/2013	MD-40204-LFG-01
Blue Ridge LFGTE	PA	11/01/2012	MD-40173-LFG-01
Buchanan	MI	01/01/1919	MD-90226-WAT-01
Buzzards Roost Hydro	SC	01/01/1940	MD-90260-WAT-01
CCIA BTM	NJ	10/01/2008	MD-40139-LFG-01
Cedar Ridge Wind - Import	WI	12/01/2008	MD-20239-WND-01
CID	IL	03/01/1989	MD-40116-LFG-01
City of Radford Municipal Hydroelectric Project	VA	08/01/1934	MD-90249-WAT-01
City of Rock Falls Upper Sterling Hydro	IL	06/01/1998	MD-90196-WAT-01
Coleman Falls Hydro	VA	06/01/1983	MD-90184-WAT-01
Collinwood Bioenergy	OH	02/01/2012	MD-40204-OBG-01
COM ADAM 1 WF	IL	10/01/2007	MD-20160-WND-01
COM ALTA FARMS II 1 WF	IL	04/01/2023	MD-20220-WND-01
COM BIG SKY 1 WF	IL	08/01/2010	MD-20143-WND-01
COM BISHOP HILL 1 WF	IL	02/01/2012	MD-20159-WND-01
COM BISHOP HILL 2 WF	IL	02/01/2012	MD-20159-WND-01
COM BLOOMING GROVE 1 WF1	IL	10/01/2020	MD-20212-WND-01
COM BRIGHT STALK 1 WF	IL	12/01/2019	MD-20202-WND-01
COM CAMP GROVE 1 WF	IL	12/01/2007	MD-20140-WND-01
COM CAMP GROVE 2 WF	IL	12/01/2007	MD-20140-WND-01
COM CAYUGA RIDGE 1 WF	IL	12/01/2009	MD-20117-WND-01
COM ECO GROVE 1 WF	IL	06/01/2009	MD-20127-WND-01
COM GRAND RIDGE 1 WF	IL	10/01/2008	MD-20144-WND-01
COM GRAND RIDGE 2 WF	IL	12/01/2009	MD-20118-WND-01
COM GRAND RIDGE 3 WF	IL	11/01/2009	MD-20119-WND-01
COM GRAND RIDGE 4 WF	IL	12/01/2009	MD-20152-WND-01
COM GREEN RIVER 1 WF	IL	11/01/2019	MD-20200-WND-01
COM GREEN RIVER 2 WF	IL	11/01/2019	MD-20201-WND-01
COM HIGH TRAIL 1 WIND	IL	03/01/2007	MD-20107-WND-01
COM HILLTOPPER 1 WF	IL	11/01/2018	MD-20188-WND-01
COM KELLY CREEK 1 WF	IL	11/01/2016	MD-20176-WND-01
COM LONE TREE 3 WF	IL	11/01/2020	MD-20214-WND-01
COM MIDLAND 1 WF	IL	10/01/2023	MD-20226-WND-01
COM MINONK 1 WF	IL	10/01/2012	MD-20156-WND-01
COM OLD TRAIL 2 WF	IL	01/01/2008	MD-20108-WND-01
COM OTTER CREEK 1 WF	IL	01/01/2020	MD-20207-WND-01
COM PILOT HILL 1 WF	IL	07/01/2015	MD-20164-WND-01
COM PROVIDENCE HGTS 1 WF	IL	06/01/2008	MD-20155-WND-01
COM RADFORDS RUN 1 WF	IL	10/01/2017	MD-20184-WND-01

COM SHADY OAKS 1 WF	IL	05/01/2012	MD-20218-WND-01
COM SHADY OAKS 2 WF	IL	09/01/2023	MD-20223-WND-01
COM SUBLETTE 1 WF	IL	04/01/2007	MD-20145-WND-01
COM TOP CROP 1 WF	IL	10/01/2009	MD-20125-WND-01
COM TOP CROP 2 WF	IL	07/01/2010	MD-20126-WND-01
COM TOP HAT 1 WF	IL	09/01/2025	MD-20237-WND-01
COM WALNUT RIDGE 1 WF	IL	10/01/2018	MD-20196-WND-01
COM WBROOK 1 WF	IL	04/01/2007	MD-20145-WND-01
COM WHITNEY HILL 2 WF	IL	12/01/2019	MD-20194-WND-01
Conemaugh Hydro Plant	PA	04/01/1989	MD-90182-WAT-01
Conowingo	MD	03/01/1928	MD-90176-WAT-02
Constantine	MI	01/01/1923	MD-90255-WAT-01
Covanta Fairfax Energy	VA	03/01/1990	MD-80106-MSW-01
Covanta New Martinsville Energy	WV	10/01/1988	MD-90179-WAT-02
Cox Waste-to-Energy Cogeneration Plant	KY	01/01/2001	MD-30114-WDS-01
Crescent Ridge	IL	05/01/2005	MD-20153-WND-01
Croda Atlas Point CHP	DE	08/01/2013	MD-40191-LFG-01
Croda Atlas Point CHP	DE	07/01/2021	MD-40213-LFG-01
Cushaw	VA	01/01/1930	MD-90231-WAT-01
Cuyahoga Generating Facility	OH	07/01/2025	MD-40215-LFG-01
DC Water Bailey Bioenergy Facility	DC	10/01/2014	MD-40189-OBG-01
DC Water Bailey Bioenergy Facility	DC	10/01/2014	MD-40189-OBG-01
DC Water Bailey Bioenergy Facility	DC	10/01/2014	MD-40189-OBG-01
Deep Creek	MD	07/01/1925	MD-90104-WAT-01
Deep Creek	MD	07/01/1925	MD-90104-WAT-01
DEOK MELDAHL DAM 1 H	KY	08/01/2014	MD-90259-WAT-02
Dixon Hydroelectric Dam	IL	01/01/1988	MD-90195-WAT-01
DPL CENTRAL 1 LF	DE	12/01/2006	MD-40113-LFG-01
DPL NEWLAND PARK 1 LF	MD	05/01/2007	MD-40167-LFG-01
DPL SOUTHERN 1 LF	DE	10/01/2006	MD-40114-LFG-01
Eastern Correctional Institution	MD	08/01/1987	MD-30117-WDS-01
Eastern LFG BTM	MD	06/01/2020	MD-40209-LFG-01
Eastern LFG BTM	MD	02/01/2021	MD-402010-LFG-01
Easton	MD	11/01/2004	MD-50001-OBL-01
EKPC LAUREL DAM 1 H	KY	11/01/1977	MD-90264-WAT-02
Elkhart	IN	01/01/1913	MD-90230-WAT-01
Falls	NC	12/01/1919	MD-90236-WAT-02
FE ERIE COUNTY 1 LF	OH	04/01/2010	MD-40174-LFG-01
FE GENEVA 1 LF	OH	07/01/2013	MD-40185-LFG-01
FE MAHONING 1 LF	OH	01/01/2013	MD-40186-LFG-01
Findlay Wind Farm	OH	12/01/2015	MD-20175-WND-01

Fowler Ridge II Wind Farm - Vectren	IN	12/01/2009	MD-20138-WND-01
FPL E Somerset Windpower LLC	PA	10/01/2001	MD-20205-WND-01
Franklin County Wind - Import	IA	12/01/2012	MD-20240-WND-01
Freeborn Wind Farm	MN	05/01/2021	MD-20231-WND-01
French Paper Co	MI	02/01/2000	MD-90221-WAT-01
Frey Farm Landfill	PA	01/01/2006	MD-40141-LFG-01
Gaston	NC	02/01/1963	MD-90231-WAT-02
Great Falls Hydro Project	NJ	09/01/1984	MD-90215-WAT-01
Green Valley LFGTE	KY	09/01/2003	MD-40181-LFG-01
Greene Valley	IL	05/01/1996	MD-40102-LFG-01
Hardin County LFGTE	KY	01/01/2006	MD-40178-LFG-01
Harpster Wind	OH	01/01/2016	MD-20173-WND-01
Haviland Energy	OH	04/01/2012	MD-50503-OBG-01
Haviland Wind Farm	OH	12/01/2012	MD-20161-WND-01
Haviland Wind Farm	OH	12/01/2012	MD-20161-WND-01
Haviland Wind Farm	OH	12/01/2012	MD-20161-WND-01
Hawks Nest	WV	06/01/1936	MD-90262-WAT-02
Heidelberg Hydroelectric Station	KY	10/01/2025	MD-90263-WAT-01
High Rock	NC	12/01/1927	MD-90237-WAT-02
Holcim-Paulding Wind Project	OH	08/01/2020	MD-20210-WND-01
Holcomb Rock Hydro	VA	06/01/1920	MD-90185-WAT-01
Jersey-Atlantic Wind, LLC	NJ	12/01/2005	MD-20166-WND-01
John H Kerr	VA	12/01/1953	MD-90250-WAT-02
Kilborn Hydro - Import	WI	08/01/1909	MD-90266-WAT-01
Lake Gas Recovery	IL	08/01/1988	MD-40101-LFG-01
Lake Lynn Power Station	PA	05/01/1926	MD-90101-WAT-02
Lakeview Gas Recovery	PA	06/01/1997	MD-40125-LFG-01
Laurel Ridge LFGTE	KY	09/01/2003	MD-40180-LFG-01
Lockhart Power Hydro	SC	10/01/1921	MD-90261-WAT-01
Lockport Powerhouse Hydroelectric Facility	IL	02/01/1999	MD-90241-WAT-01
London	WV	12/01/1935	MD-90200-WAT-01
Long Green Farms Inc.	MD	10/01/2025	MD-40206-OBG-01
Lorain County Power Station	OH	12/01/2001	MD-40188-LFG-01
Lycoming Landfill	PA	08/01/2012	MD-40183-LFG-01
Marmet	WV	12/01/1935	MD-90201-WAT-01
Martin Marietta Wind Project	OH	12/01/2023	MD-20224-WND-01
Martinsville	VA	04/01/2017	MD-45000-OBG-01
ME NORTH LEBANON 1 F	PA	09/01/2007	MD-40142-LFG-01
Mendota Hills LLC	IL	03/01/2019	MD-20100-WND-01
Meyersdale Windpower	PA	12/01/2003	MD-20105-WND-01

Midshore I Regional Solid Waste Facility	MD	06/01/2023	MD-40211-LFG-01
Mill Run Windpower	PA	10/01/2001	MD-20204-WND-01
Montgomery County Resource Recovery	MD	05/01/1995	MD-80001-MSW-01
Montgomery County Resource Recovery Facility	MD	07/01/1995	MD-80001-MSW-01
Moomaws Dam	VA	01/01/1984	MD-90245-WAT-01
Moraine Wind, LLC	MN	02/01/2009	MD-20228-WND-01
Morehead Generating Facility	KY	06/01/2019	MD-40203-LFG-01
Mother Ann Lee Hydroelectric Station	KY	03/01/2007	MD-90219-WAT-01
Mottville	MI	01/01/1923	MD-90227-WAT-01
Mountaineer Wind Energy Center	WV	12/01/2002	MD-20229-WND-01
Narrows	NC	12/01/1917	MD-90238-WAT-02
Niagara	VA	06/01/1954	MD-90202-WAT-01
Northern Wind Farm	MN	01/01/2023	MD-20235-WND-01
O'brien Edgeboro	NJ	09/01/1997	MD-40172-LFG-01
PE SE CHESTER COUNTY REFUSE 1 LF	PA	01/01/2007	MD-40135-LFG-01
Pendleton County LFGTE	KY	02/01/2007	MD-40177-LFG-01
Pennsauken Landfill	NJ	01/01/2005	MD-40148-LFG-01
PEP RITCHIE BROWN 2 LF	MD	12/01/2003	MD-40137-LFG-01
PEP RITCHIE PG COGEN 1	MD	10/01/1987	MD-40136-LFG-01
Philpott Lake	VA	08/01/1953	MD-90251-WAT-01
Piney	PA	06/01/1924	MD-90103-WAT-02
Pinnacles Hydro Power Project	VA	06/01/1938	MD-90246-WAT-01
Pioneer Trail Wind Farm - Import	IL	10/01/2011	MD-20243-WND-01
PL ARCHBALD PEI 5 LF	PA	01/01/2010	MD-40115-LFG-01
PL ARCHBALD PEI 6 LF	PA	01/01/2010	MD-40115-LFG-01
PL LOCUST RIDGE 2 WF	PA	11/01/2008	MD-20115-WND-01
PL PINE GROVE 1 LF	PA	08/01/2008	MD-40165-LFG-01
PN ALLEGHENY RIDGE 1 WF	PA	06/01/2007	MD-20106-WND-01
PN ARMENIA MOUNTAIN 1 WF	PA	11/01/2009	MD-20114-WND-01
PN BIG LEVEL 1 WF	PA	11/01/2019	MD-20195-WND-01
PN CASSELMAN 1 WF	PA	12/01/2007	MD-20123-WND-01
PN FORWARD 1 WF	PA	04/01/2008	MD-20236-WND-01
PN HIGHLAND 1 WF	PA	06/01/2009	MD-20211-WND-01
PN HIGHLAND NORTH 2 WF	PA	02/01/2012	MD-20146-WND-01
PN LAUREL HILLS 1 WF	PA	09/01/2012	MD-20154-WND-01
PN LOOKOUT 1 WF	PA	10/01/2008	MD-20151-WND-01
PN MEHOOPANY 1 WF	PA	12/01/2012	MD-20148-WND-01
PN MEHOOPANY 2 WF	PA	12/01/2012	MD-20148-WND-01

PN NORTH ALLEGHENY 2 WF	PA	09/01/2009	MD-20190-WND-01
PN NORTHERN TIER 1 D	PA	01/01/2009	MD-40144-LFG-01
PN PATTON 1 WF	PA	11/01/2012	MD-20150-WND-01
PN RINGER HILL 1 WF	PA	12/01/2016	MD-20180-WND-01
PN SANDY RIDGE 1 WF	PA	03/01/2012	MD-20157-WND-01
PN SANDY RIDGE 2 WF	PA	08/01/2023	MD-20222-WND-01
PN SHIPPENSBURG 1 LF	PA	01/01/2009	MD-40143-LFG-01
PN STONY CREEK 1 WF	PA	11/01/2009	MD-20120-WND-01
Pocomoke Drying Plant	MD	03/01/2007	MD-50508-OBS-01
Prairie du Sac Hydro - Import	WI	09/01/1914	MD-90267-WAT-01
PS PENNSAUKEN 1 LF	NJ	12/01/2004	MD-40148-LFG-01
Racine	OH	01/01/1983	MD-90217-WAT-02
Ravenna Hydroelectric Project	KY	04/01/2021	MD-90252-WAT-01
Red Pine Wind Project, LLC	MN	12/01/2017	MD-20232-WND-01
Reusens	VA	01/01/1903	MD-90244-WAT-01
Roanoke Rapids	NC	09/01/1955	MD-90232-WAT-02
Rochelle Energy LLC	IL	12/01/2011	MD-40175-LFG-01
Safe Harbor	PA	10/01/1940	MD-90100-WAT-02
Safe Harbor	PA	11/01/1934	MD-90100-WAT-02
Safe Harbor	PA	12/01/1931	MD-90100-WAT-02
Safe Harbor	PA	12/01/1931	MD-90100-WAT-02
Safe Harbor	PA	01/01/1932	MD-90100-WAT-02
Safe Harbor	PA	01/01/1932	MD-90100-WAT-02
Safe Harbor	PA	10/01/1933	MD-90100-WAT-02
Safe Harbor	PA	04/01/1985	MD-90100-WAT-02
Safe Harbor	PA	02/01/1986	MD-90100-WAT-02
Safe Harbor	PA	06/01/1985	MD-90100-WAT-02
Safe Harbor	PA	04/01/1986	MD-90100-WAT-02
Safe Harbor	PA	09/01/1985	MD-90100-WAT-02
Salisbury Drying Plant	MD	09/01/2020	MD-50507-OBS-01
Schoolfield Dam	VA	12/01/1990	MD-90193-WAT-01
Settlers Hill	IL	10/01/1988	MD-40119-LFG-01
Settlers Trail Wind Farm- 2	IL	10/01/2011	MD-20227-WND-01
Snowden Hydro Site	VA	08/01/1987	MD-90186-WAT-01
Storm Lake Power Partners II LLC	IA	04/01/1999	MD-20225-WND-01
Suburban Landfill Generator	OH	01/01/2011	MD-40212-LFG-01
Swift Creek Hydro, Inc.	VA	10/01/1988	MD-90211-WAT-01
Talbot County Bio-Mass Facility	MD	04/01/2011	MD-20130-WND-01
Tatanka Wind Farm	ND	01/01/2008	MD-20169-WND-01
Tuckertown	NC	12/01/1962	MD-90239-WAT-02
Tullytown Landfill Gas-to-Energy Facility	PA	03/01/2013	MD-40184-LFG-01

Twin Branch	IN	05/01/1989	MD-90228-WAT-01
Twin Cities Hydro LLC	MN	10/01/1924	MD-90253-WAT-01
UOSA	VA	11/01/2013	MD-40205-OBG-01
Valfilm Wind Project	OH	09/01/2018	MD-20191-WND-01
VP AMELIA 1 CT	VA	08/01/2001	MD-40157-LFG-01
VP BETHEL 1 LF	VA	10/01/2007	MD-40132-LFG-01
VP BRUNSWICK 1 LF	VA	10/01/2007	MD-40158-LFG-01
VP CHARLES CITY 1 CT	VA	11/01/2003	MD-40159-LFG-01
VP CHESTERFIELD 1 LF	VA	06/01/2004	MD-40160-LFG-01
VP DESERT 1 WF	NC	11/01/2016	MD-20178-WND-01
VP EMPORIA 1 H	VA	01/01/1986	MD-90213-WAT-01
VP HENRICO 1 LF	VA	09/01/2010	MD-40161-LFG-01
VP KING AND QUEEN 1 D	VA	01/01/2008	MD-40162-LFG-01
VP KING GEORGE 1 LF	VA	05/01/2010	MD-40149-LFG-01
VP NEW CREEK 1 WF	WV	11/01/2016	MD-20179-WND-01
VP NORTHEAST 2 LF	VA	12/01/2011	MD-40154-LFG-01
VP OCCOQUAN 2 LF	VA	03/01/1993	MD-40107-LFG-01
VP PENINSULA 3 LF	VA	09/01/2009	MD-40146-LFG-01
VP SOUTH BOSTON 1 F	VA	09/01/2013	MD-30113-WDS-01
VP TIMBERMILL 1 WF	NC	11/01/2024	MD-20230-WND-01
Waymart Wind	PA	10/01/2003	MD-20206-WND-01
Wheelabrator Baltimore Refuse	MD	05/01/1985	MD-80101-MSW-01
Whirlpool Corporation - Greenville Wind Farm	OH	10/01/2018	MD-20192-WND-01
Whirlpool Corporation - Ottawa Wind Farm	OH	01/01/2018	MD-20187-WND-01
Whirlpool Corporation-Marion Wind Farm	OH	10/01/2017	MD-20185-WND-01
Winfield	WV	01/01/1938	MD-90203-WAT-01
Woodland	IL	05/01/1992	MD-40121-LFG-01
XIC FARMER CITY 1 WF	MO	02/01/2009	MD-20171-WND-01
York Haven	PA	12/01/1905	MD-90240-WAT-01
Yough Hydro Power	PA	12/01/1989	MD-90242-WAT-01
Zephyr Wind	OH	12/01/2015	MD-20174-WND-01

Appendix G Price of RECs by Fuel Source

Fuel Source	Price/REC
Black Liquor	$24.06
Geothermal	$26.49
Post-2022 Geothermal	$72.32
LMI Post-2022 Geothermal	$86.18
Landfill Gas	$24.77
Municipal Solid Waste	$23.90
Other Biomass Gas	$25.13
Other Biomass Solids	$24.56
Solar Hot Water	$52.29
PV Solar	$53.64
Tier 1 Hydroelectric	$24.10
Wood and Waste Solids	$23.09
Waste Heat	$30.52
Wind	$24.28
Tier 2 Hydroelectric	$13.42