



Maryland Renewable Electricity Mandate Status

Renewable Mandate Status: Not on Track

- 2009 Qualified Renewable Generation: 4.19%¹
- 2009 Renewable Mandate: 4.51%
- 2022 Renewable Mandate: 20%

Eligible Resources: Two tiered system:

- Tier 1: Solar, wind, qualifying biomass), methane from the anaerobic decomposition of organic materials in a landfill or a waste water treatment plant, geothermal, wave/tidal, fuel cells powered by methane or biomass, poultry-litter incineration facilities, and small hydroelectric plants (systems less than 30 megawatts in capacity).²
- Tier 2: Hydroelectric other than pump-storage generation and waste-to-energy facilities.³

Compliance schedule⁴:

Year	Solar	Tier I	Tier II	Year	Solar	Tier I	Tier II
2009	0.01%	2.00%	2.50%	2016	0.50%	12.20%	2.50%
2010	0.025%	3.00%	2.50%	2017	0.55%	12.55%	2.50%
2011	0.05%	4.95%	2.50%	2018	0.90%	14.90%	2.50%
2012	0.10%	6.40%	2.50%	2019	1.20%	16.20%	0.00%
2013	0.20%	8.00%	2.50%	2020	1.50%	16.50%	0.00%
2014	0.30%	10.00%	2.50%	2021	1.85%	16.85%	0.00%
2015	0.40%	10.10%	2.50%	2022+	2.00%	18.00%	0.00%

Renewable portfolio history: RPS enacted in May 2004. S.B. 595 in April 2007 required 2% of energy to come from solar (in addition to the 7.5% requirement of Tier I materials). H.B. 375 in April 2008 more than doubled Tier I requirement and accelerated compliance schedule. S.B. 277 in May 2010 accelerated solar compliance schedule⁵.

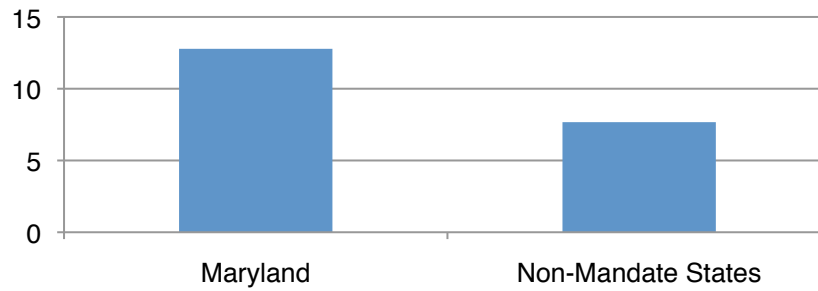
Credit Trading: Yes

Noncompliance penalty: Maryland law creates an alternative compliance fee schedule of 2.0¢/kWh for non-solar Tier 1 shortfalls (increasing to 4.0¢/kWh in 2011; 1.5¢/kWh for Tier 2 shortfalls; 40¢/kWh in 2009 through 2014, 35¢/kWh in 2015 and 2016, 20¢/kWh in 2017 and 2018 and continuing to decline by 5¢ bi-annually until it reaches 5¢/kWh in 2023.⁶

Electricity Price Ranking: 11th Highest⁷

- 12.78 cents/KWh in Maryland
- 7.67 cents/KWh in non-mandated states

Price of Electricity (Cents/kWh)



¹ Maryland Public Service Commission RPS Report to the Legislature (Feb. 2010). 4.53% of Maryland electricity considered renewable (4.19% if not including state exemptions).

² Maryland PUC C. §7-701 (l) (May 26, 2004), http://mlis.state.md.us/asp/web_statutes.asp?gpu&7-701.

³ Maryland PUC C. §7-701 (m) (May 26, 2004), http://mlis.state.md.us/asp/web_statutes.asp?gpu&7-701.

⁴ Maryland PUC C. §7-703 (b) (May 26, 2004), http://mlis.state.md.us/asp/web_statutes.asp?gpu&7-701.

⁵ Database of state Incentives for Renewables and Efficiency, *Maryland*, http://www.dsireusa.org/incentives/incentive.cfm?Incentive_Code=MD05R&re=1&ee=1.

⁶ *Maryland S.B. 277*. http://mlis.state.md.us/2008rs/chapters_noln/Ch_126_hb0375E.pdf.

⁷ EIA, Electric Power Monthly, Table 5.6.B., Average Retail Price of Electricity, June 2010, Released Sept. 15, 2010, http://www.eia.doe.gov/cneaf/electricity/epm/table5_6_b.html.