



New Jersey RPS Report

Renewable Mandate Status: Not on Track

- 2009 Estimated Qualified Renewable Generation: 1.53%¹
- 2009 Renewable Mandate: 6.5%
- 2021 Renewable Mandate: 22.5%

Eligible Resources: Class I: solar, wind, wave or tidal, geothermal, landfill gas, anaerobic digestion, fuel cells using renewable fuels, and certain forms of biomass (requires Dept. of Environmental Protection approval).² Class II: hydropower facilities 30 MW or less and resource-recovery facilities approved by DEP and located in NJ³. An additional solar carve-out mandate exists on top of this two-class structure⁴.

Compliance schedule:⁵

Year	Solar	Class I	Class II	Total	Year	Solar	Class I	Class II	Total
2008	0.0817%	2.924%	2.5%	5.5057%	2018	1,591 GWh	12.325%	2.5%	16.15%
2009	0.1600%	3.840%	2.5%	6.500%	2019	1,858 GWh	14.175%	2.5%	18.24%
2010	0.2210%	4.685%	2.5%	7.406%	2020	2,164 GWh	16.029%	2.5%	20.36%
2011	306 GWh	5.492%	2.5%	8.297%	2021	2,518 GWh	17.880%	2.5%	22.50%
2012	442 GWh	6.320%	2.5%	9.214%	2022	2,928 GWh	--	--	--
2013	596 GWh	7.143%	2.5%	10.14%	2023	3,433 GWh	--	--	--
2014	772 GWh	7.977%	2.5%	11.098%	2024	3,989 GWh	--	--	--
2015	965 GWh	8.807%	2.5%	12.072%	2025	4,610 GWh	--	--	--
2016	1,150 GWh	9.649%	2.5%	13.077%	2026	5,316 GWh	--	--	--
2017	1,357 GWh	10.485%	2.5%	14.103%					

Renewable Portfolio History: Original RPS adopted in 1999 with a target of 4% Class I and 2.5% Class II by 2012; amended in 2004 requiring targets to be met by May 2008 and specifying that 0.16% of sales come from solar. Board of Public Utilities revised RPS again in April 2006 increasing required percentages of Class I, Class II, and solar to a total of 22.5% (2.12% solar) by May 2021⁶. Board of Public Utilities required to freeze the solar carve-out requirement if determined that its cost will exceed 2% of total retail price of electricity that year (annual increases remain in effect despite a freeze)⁷.

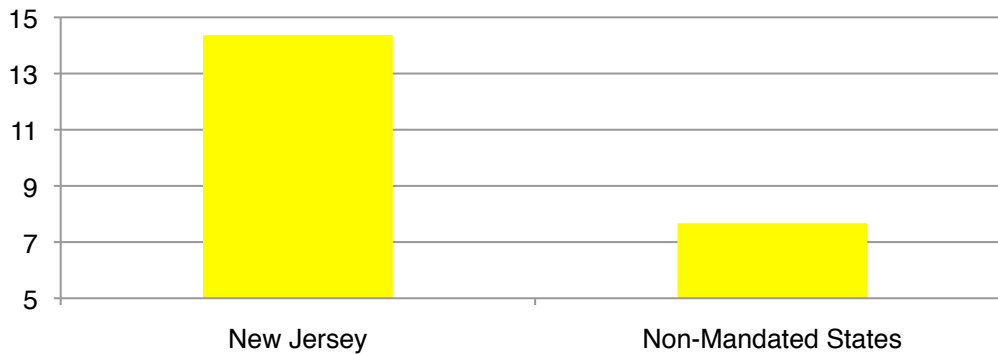
Credit Trading: Yes

Noncompliance penalty: The alternative compliance payment is \$50 per MWh⁸ with a separate solar alternative compliance payment for the solar carve out of \$711 per MWh in 2009 declining to \$594 per year MWh in 2016.⁹

Electricity Price Ranking: 7th Highest¹⁰

- 14.37 cents/KWh in New Jersey
- 7.67 cents/KWh in non-mandated states

Price of Electricity (Cents/kWh)



¹ N.J. Admin. C. 14:8-2.3 (Sept. 1, 2001), <http://www.dsireusa.org/documents/Incentives/NJ05Rb.htm>

² N.J. Admin. C. 14:8-2.5 (Sept. 1, 2001), <http://www.dsireusa.org/documents/Incentives/NJ05Rb.htm>

³ N.J. Admin. C. 14:8-2.6 (Sept. 1, 2001), <http://www.dsireusa.org/documents/Incentives/NJ05Rb.htm>

⁴ N.J. A.B. 3520 (Jan. 17, 2010), http://www.njleg.state.nj.us/2008/Bills/PL09/289_.PDF

⁵ N.J. A.B. 3520 (Jan. 17, 2010), http://www.njleg.state.nj.us/2008/Bills/PL09/289_.PDF

⁶ Database of state Incentives for Renewables and Efficiency, New Jersey, http://www.dsireusa.org/incentives/incentive.cfm?Incentive_Code=NJ05R&re=1&ee=1

⁷ N.J. A.B. 3520 (Jan. 17, 2010), http://www.njleg.state.nj.us/2008/Bills/PL09/289_.PDF

⁸ New Jersey Board of Public Utilities, *Clean Energy Order Docket No. EX03080616*, http://www.njcleanenergy.com/files/file/1A_ACP_order.pdf.

⁹ New Jersey Board of Public Utilities, *New Jersey Approves Solar REC-Based Financing Program*, <http://www.njcleanenergy.com/files/file/SOLARTransitionFAQs121707%20fnl2%282%29.pdf>.

¹⁰ 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