

Nevada Renewable Electricity Mandate Status

Renewable Mandate Status: Not on Track¹

- 2009 Estimated Qualified Renewable Generation: 11.2%²
- 2009 Renewable Mandate: 12%³
- 2025 Renewable Mandate: 25%

Eligible Resources: Solar Water Heat, Solar Space Heat, Solar Thermal Electric, Solar Thermal Process Heat, Photovoltaics, Landfill Gas, Wind, Biomass, Hydroelectric, Geothermal Electric, Municipal Solid Waste, Waste Tires (using microwave reduction), Energy Recovery Processes, Solar Pool Heating, Anaerobic Digestion, Biodiesel, Geothermal Direct-Use⁴

- Solar: 5% of annual requirement through 2015 (1.2% of sales in 2015); 6% for 2016-2025 (1.5% of sales in 2025)⁵

Compliance schedule:

2005-2006: 6%	2009-2010: 12%	2013-2014: 18%	2020-2024: 24%
2007-2008: 9%	2011-2012: 15%	2015-2019: 20%	2025+: 25%

To qualify as portfolio energy credits, efficiency measures must be:

1. Implemented after January 1, 2005;
2. Sited or implemented at a retail customer’s location; and
3. Partially or fully subsidized by the electric utility. The measure must also reduce the customer’s energy demand (as opposed to shifting demand to off-peak hours).⁶

Renewable Portfolio History:

- The original RPS law was enacted in November 1997 and forced Nevada producers to supply a minimum of renewables, but in 2001, the state increased this minimum by 2% every two years, culminating in a 15% requirement by 2013.⁷

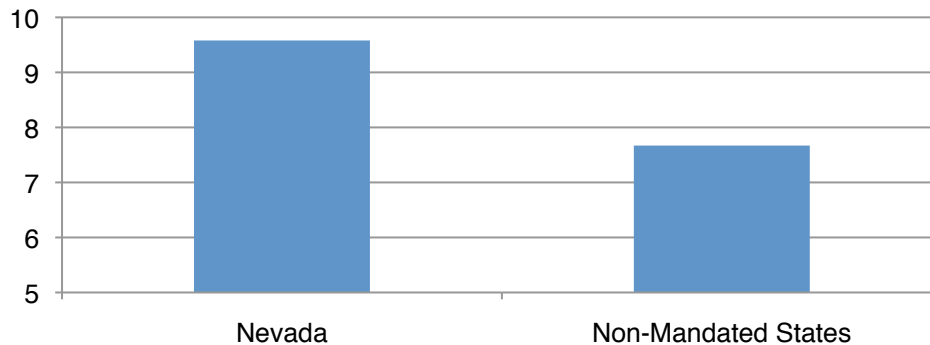
Credit Trading: Yes

Noncompliance penalty: The Public Utilities Commission of Nevada will assess a fine of an amount greater than the price of generating renewable electricity or taking energy efficiency measures.⁸

Electricity Price Ranking: 18th Highest⁹

- 9.58 cents/KWh in Nevada
- 7.67 cents/KWh in non-mandated states

Price of Electricity (Cents/KWh)



¹ According to Mark Harris of Nevada's Public Utilities Commission, Nevada Power missed their mandate by 431,402 MWhs.

² Energy Information Administration, Electricity Generation 2009, http://www.eia.doe.gov/cneaf/electricity/epa/generation_state_mon.xls.

³ Database of state Incentives for Renewables and Electricity, Nevada; http://www.dsireusa.org/incentives/incentive.cfm?Incentive_Code=Nv01R&re=1&ee=1.

⁴ Solar Water Heat, Solar Space Heat, Solar Thermal Electric, Solar Thermal Process Heat, Photovoltaics, Landfill Gas, Wind, Biomass, Hydroelectric, Geothermal Electric, Municipal Solid Waste, Waste Tires (using microwave reduction), Energy Recovery Processes, Solar Pool Heating, Anaerobic Digestion, Biodiesel, Geothermal Direct-Use.

⁵ Nevada Public Utilities Commission (February 23, 2006); <http://www.leg.state.nv.us/register/2005Register/R167-05RA.pdf>.

⁶ Nevada Public Utilities Commission (February 23, 2006); <http://www.leg.state.nv.us/register/2005Register/R167-05RA.pdf>.

⁷ Database of state Incentives for Renewables and Electricity, Nevada; http://www.dsireusa.org/incentives/incentive.cfm?Incentive_Code=Nv01R&re=1&ee=1.

⁸ Revised Adopted Regulation of the Public Utilities Commission of Nevada, LCB File No. R167-05, <http://www.leg.state.nv.us/register/2005Register/R167-05RA.pdf>.

⁹ 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.