



# Michigan Renewable Electricity Mandate Status

---

## Renewable Mandate Status: On Track

- 2009 Estimated Qualified Renewable Generation: 3.2%<sup>1</sup>
- 2009 Renewable Mandate: None
- 2015 Renewable Mandate: 10%

**Eligible resources:** biomass, solar and solar thermal, wind, geothermal, municipal solid waste, landfill gas, existing traditional hydroelectric, tidal, wave, water current<sup>2</sup>

**Compliance schedule:**<sup>3</sup>

<b>2012:</b> baseline plus 20% of 2015 mandate	<b>2013:</b> baseline plus 33% of 2015 mandate	<b>2014:</b> baseline plus 50% of 2015 mandate	<b>2015:</b> baseline plus 100% of 2015 mandate
--	--	--	---

**Renewable Portfolio History:** Enacted Public Act 295 in October 2008 requiring state investor-owned utilities, alternative retail suppliers, electric cooperatives, and municipal electric utilities to generate 10% renewable by 2015.<sup>4</sup>

- Michigan has a series of incentive bonus credits:<sup>5</sup>
  - Solar power receives an additional 2 credits per MWh
  - Renewable energy produced during peak demand times (6am-10pm weekdays) other than wind receives an additional 1/5 credit per MWh
  - Off-peak renewable generation stored using electric technology or hydroelectric pumped storage and then used during peak demand times receives an additional 1/5 credit per MWh
  - Renewable electricity produced with Michigan manufactured equipment receives an additional 1/10 credit per MWh (only for 3 since in-service date of facility)
  - Renewable electricity produced with a system constructed by a Michigan workforce receives an additional 1/10 credit per MWh

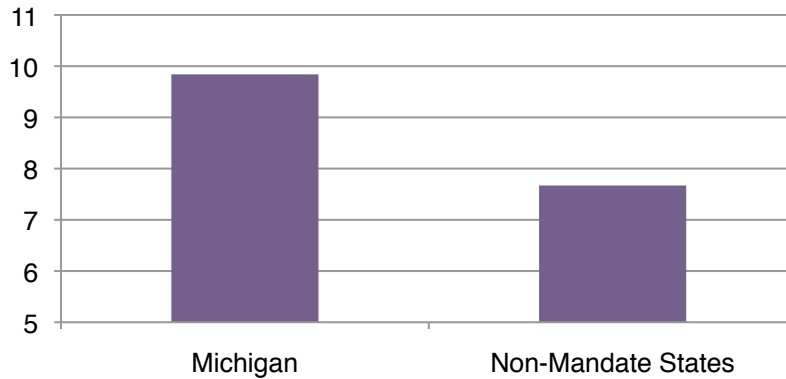
**Credit Trading:** Yes

**Noncompliance penalty:** “Electric providers demonstrate compliance with renewable energy requirements through the purchase and/or production of Renewable Energy Credits.”<sup>6</sup>

**Electricity Price Ranking:** 16<sup>th</sup> Highest<sup>7</sup>

- 9.84 cents/KWh in Michigan
- 7.67 cents/KWh in non-mandated states

## Price of Electricity (cents/KWh)



---

<sup>1</sup> Energy Information Administration, *Electricity Generation 2009*, [http://www.eia.doe.gov/cneaf/electricity/epa/generation\\_state\\_mon.xls](http://www.eia.doe.gov/cneaf/electricity/epa/generation_state_mon.xls).

<sup>2</sup> Mich. S.B. 213 §9-i (Oct. 6, 2008 ), <http://www.legislature.mi.gov/documents/2007-2008/publicact/pdf/2008-PA-0295.pdf>.

<sup>3</sup> Mich. S.B. 213 §27-3 (Oct. 6, 2008 ), <http://www.legislature.mi.gov/documents/2007-2008/publicact/pdf/2008-PA-0295.pdf>.

<sup>4</sup> Database of state Incentives for Renewables and Efficiency, Michigan, [http://www.dsireusa.org/incentives/incentive.cfm?Incentive\\_Code=MI16R&re=1&ee=1](http://www.dsireusa.org/incentives/incentive.cfm?Incentive_Code=MI16R&re=1&ee=1).

<sup>5</sup> Mich. S.B. 213 §39-2 (Oct. 6, 2008 ), <http://www.legislature.mi.gov/documents/2007-2008/publicact/pdf/2008-PA-0295.pdf>.

<sup>6</sup> Michigan Public Service Commission, RPS Compliance, [http://www.michigan.gov/mpsc/0,1607,7-159-16393\\_53570---,00.html](http://www.michigan.gov/mpsc/0,1607,7-159-16393_53570---,00.html).

<sup>7</sup> 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](http://www.eia.doe.gov/cneaf/electricity/epm/table5_6_b.html).