



# Washington Renewable Electricity Mandate Status

## Renewable Mandate Status: On Track

- 2009 Estimated Qualified Renewable Generation: 4.8%<sup>1</sup>
- 2012 Renewable Mandate: 3%
- 2020 Renewable Mandate: 15% for large utilities<sup>2</sup> (84% of Washington's load)<sup>3</sup>

**Eligible Resources:** Solar Thermal Electric, Photovoltaics, Landfill Gas, Wind, Biomass, Hydroelectric, Geothermal Electric, Anaerobic Digestion, Tidal Energy, Wave Energy, Ocean Thermal, Biodiesel<sup>4</sup>

**Compliance Schedule:** Each utility is required to submit a renewable resource energy report to the department by June 1 of each year, but only beginning in 2012<sup>5</sup> Utilities subject to the standard must use eligible renewable resources or acquire equivalent renewable energy credits (RECs), or a combination of both, to meet the following annual targets:

2012: 3%	2016: 9%	2020: 15%
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**Renewable portfolio history:** In 2006, voters approved ballot Initiative 937, which requires utilities to implement all cost-effective energy efficiency measures along with producing 15% of renewable from its load<sup>6</sup>

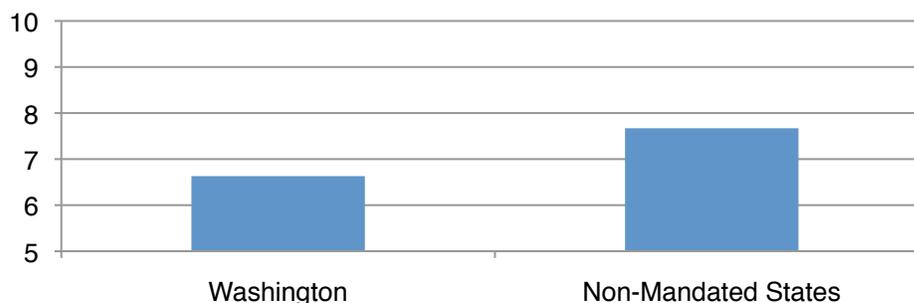
**Credit Trading:** Yes

**Noncompliance penalty:** \$50 per MWh of renewable shortfall<sup>7</sup>

**Electricity Price Ranking:** 4<sup>th</sup> Lowest<sup>8</sup>

- 6.63 cents/KWh in Washington (the only state with a renewable energy mandate where electricity prices are more than a cent cheaper than states without a mandate)
- 7.67 cents/KWh in non-mandated states

## Price of Electricity (cents/KWh)



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<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> 25,000 customers in the state of Washington: Washington state Legislature, (November 7 2006); WAC 480-109-020; <http://apps.leg.wa.gov/WAC/default.aspx?cite=480-109-020>.

<sup>3</sup> Database of state Incentives for Renewable Electricity, Washington;  
[http://www.dsireusa.org/incentives/incentive.cfm?Incentive\\_Code=WA15R&re=1&ee=1](http://www.dsireusa.org/incentives/incentive.cfm?Incentive_Code=WA15R&re=1&ee=1).

<sup>4</sup> Database of state Incentives for Renewable Electricity, Washington;  
[http://www.dsireusa.org/incentives/incentive.cfm?Incentive\\_Code=WA15R&re=1&ee=1](http://www.dsireusa.org/incentives/incentive.cfm?Incentive_Code=WA15R&re=1&ee=1).

<sup>5</sup> Washington state Legislature, (March 18, 2008); WAC 194-37-110;  
<http://apps.leg.wa.gov/WAC/default.aspx?cite=194-37-110>.

<sup>6</sup> Database of state Incentives for Renewable Electricity, Washington;  
[http://www.dsireusa.org/incentives/incentive.cfm?Incentive\\_Code=WA15R&re=1&ee=1](http://www.dsireusa.org/incentives/incentive.cfm?Incentive_Code=WA15R&re=1&ee=1).

<sup>7</sup> WAC 480-109-050: *Administrative Penalties*: <http://apps.leg.wa.gov/WAC/default.aspx?cite=480-109-050>.

<sup>8</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).