Electric Market National Overview

[Map of the United States showing different regions highlighted in various colors]

Updated February 5, 2007
Weekly U.S. Electric Generation Output and Temperatures

Source: Derived from EEI and NOAA data.
Electric Market Overview: Financial Market Volumes

Financial Trading on ICE

Source: Derived from ICE data. ICE on-peak forward and swap volumes include monthly, dual monthly, quarterly, and calendar year contracts traded for each month.

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Renewable Portfolio Standards (RPS)

- A RPS requires a percent of energy sales or installed capacity to come from renewable resources.
- 24 states and DC have renewable energy standards or goals.
- Washington state passed a RPS by ballot in November.
- Five states amended or extended an RPS in 2006: Arizona, California, Hawaii, New Jersey, and Wisconsin.
- Fourteen states include energy efficiency in an RPS or related rule.
- At least 40% of U.S. load is located in states with a renewable energy purchase obligation.

- NV: 20% by 2015; solar 5% per year
- CA: 20% by 2010
- OR: proposed: 25% by 2025
- WA: 15% by 2020
- MT: 15% by 2015
- IA: 2% by 2011*
- MN: 19% by 2015 **
- WI: 10% by 2015
- MI: debating goal vs. mandate
- VT: growth to 10% 2007-12 from RE
- ME: 30% by 2000 ***
- MA: 4% by 2009
- RI: 16% by 2019
- CT: 10% by 2010
- NY: 24% by 2013
- NJ: 20% by 2020; plus 2% solar
- DE: 10% by 2019
- PA: 18% by 2020
- MD: 7.5% by 2019
- DC: 11% by 2022
- HI: 20% by 2020

* Iowa added a goal of 10% by 2010; utilities have already met the 2% requirement.
** Minnesota has a requirement for Xcel Energy; the rest of the state has goals only.
*** Maine added a goal of 10% of new generation from new renewable energy or energy efficiency by 2017 onto its RPS.

Sources: Derived from data in: EEI, EIA, LBNL, PUCs, Database of State Incentives for Renewables and Efficiency, and the Union of Concerned Scientists.