Electric Market National Overview

[Image of a map showing different regions of the United States with various colors to denote different electric markets.]
Weekly U.S. Electric Generation Output and Temperatures

Source: Derived from EEI and NOAA data.

Updated September 7, 2007
Financial Trading on ICE

Source: Derived from ICE data. ICE on-peak swaps (financial) volume include monthly, dual monthly, quarterly, and calendar year contracts traded for each month.

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A RPS requires a percent of energy sales or installed capacity to come from renewable resources.

25 states and DC now have renewable energy standards. Three more have goals. This summer, North Carolina enacted an RPS, Delaware doubled its requirement, Illinois and Maine turned goals into law, and Missouri enacted a goal.

States that adopted transmission planning and cost recovery policies to support new renewable generation include California, Colorado, Minnesota, New Mexico, and Texas.

Notes: Minnesota’s requirement for Xcel Energy exceeds the state’s: it is 30% by 2020; Alaska has no RPS. Sources: Derived from data in: EEI, EIA, LBNL, PUCs, State legislative tracking services, Database of State Incentives for Renewables and Efficiency, and the Union of Concerned Scientists.
Energy Efficiency Resource Standards

- An energy efficiency resource standard aims to reduce or flatten electric load growth through energy efficiency measures.
- Goals may specify reductions in energy (MWh), demand (MW), or both.
- 14 states have energy efficiency standards or goals. Six include energy efficiency in a renewable portfolio standard (RPS) or goal.
- Four states and Congress have proposed an EERS or mandated its design.
- States encourage participation through public benefit funds or by decoupling utilities’ revenues from power sales. Not all use financial penalties for non-compliance.

**Abbreviations:** DR: demand response; EE: energy efficiency; EERS: Energy Efficiency Resource Standard; RPS: Renewable Portfolio Standard

*Colorado’s standard applies only to Public Service of Colorado

Derived from data in: ACEEE, EPA, the Regulatory Assistance Project, and the Union of Concerned Scientists.

**Updated June 7, 2007**
Central Appalachian and Powder River Basin Coal Prices

Source: Derived from Bloomberg data.
SO₂ and NOₓ Allowance Spot Prices

Source: Derived from Cantor Fitzgerald data.