

**What State and Federal Regulators  
Need to Know  
When Establishing  
Storage Policies**

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# Start . . . *at the end*

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“An incredibly exciting technology has been developed that will provide regulation service quickly, accurately in an environmentally-friendly and cost-effective manner.”

# FERC's Statement on MISO Tariff

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The Midwest ISO has removed barriers to the comparable treatment of "new technologies" that provide Regulating Reserve **quickly, accurately** in an **environmentally friendly** and **cost-effective** manner.

# FERC to NYISO:

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## *The Wheel Is Invented*

The Midwest Independent Transmission System Operator, Inc. . . . created a new resource type, to be designated as “stored energy resources” capable of offering and supplying regulating reserve, spinning reserve and supplement reserve **cost effectively**.

# Market Entry Progress

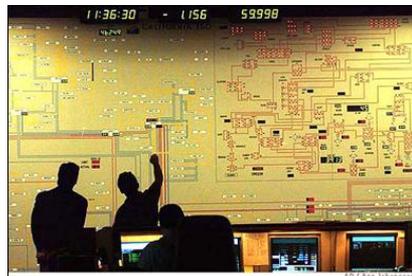
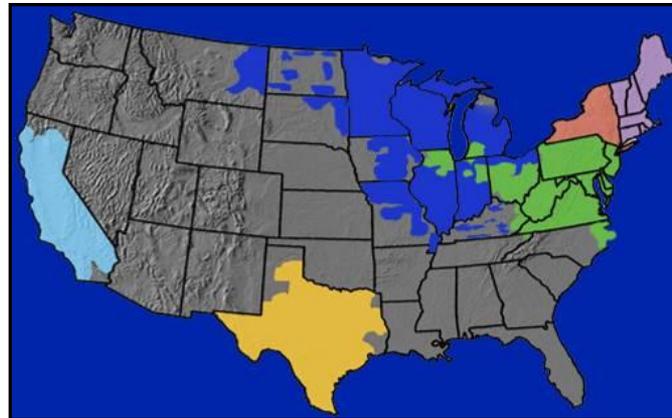


Midwest ISO  
MARKET OPEN



New York ISO  
MARKET OPEN

California ISO  
MARKET CLOSED, *BUT*



ISO New England  
MARKET CLOSED, *BUT*

PJM  
MARKET OPEN



# What's Next?? Federal Level

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## Integration of Variable Energy Resources onto the Grid

DOCKET NO. RM 10-11:

- Allow cost recovery from generators for regulation
- Give generators the option to purchase Regulation from the public utility or provide it themselves
- How would you design the Rule?  
Submit Comments by March 2, 2011

## Frequency Regulation Compensation in the Organized Wholesale Power Markets

DOCKET NO. AD 10-11

- Energy storage resources should be compensated for the benefits they provide to the grid
- Anticipate NOPR (Q1 2011)

# What's Next? State Level

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## California Public Service Commission

### Consider the Adoption Of Procurement Targets for Viable and Cost-Effective Energy Storage Systems

DOCKET R:10-12-007:

- Comments were due on January 21st;
- If you haven't submitted comments, please File a Motion to Intervene and request approval to submit late-filed comments.

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