Potential Fossil Retirements: Wring Hands or Seize the Moment?

The New England Electricity Restructuring Roundtable

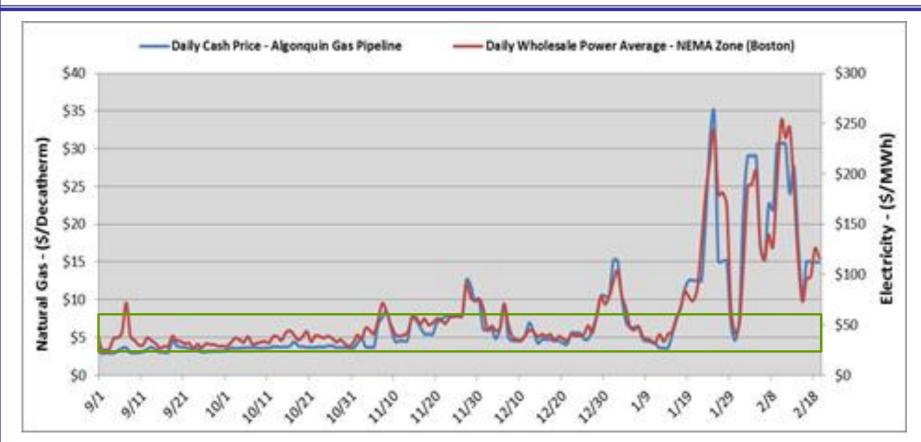
June 14, 2013

David Cash, Commissioner MA Department of Public Utilities

Why seize the opportunity

- Potential retirements of old and inefficient coal and oil powers plants
- GWSA requirement of GHG emissions of 80% below 1990 levels by 2050
- Current low gas/electric prices
 - Future volatility?





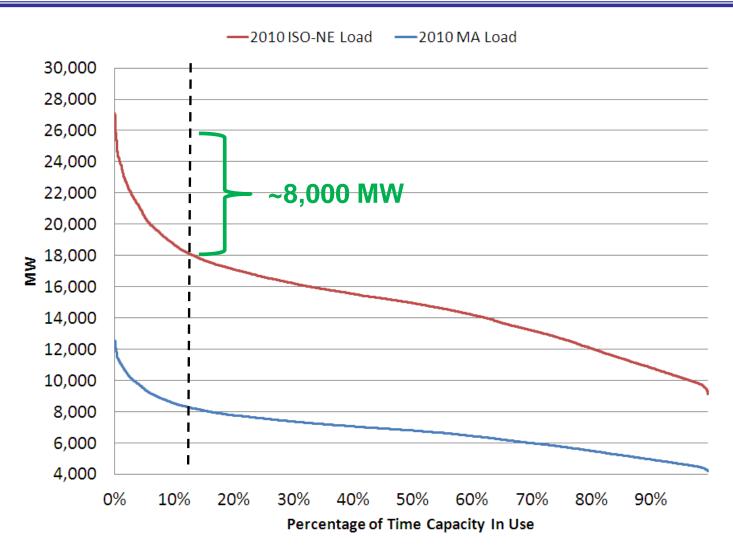


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Peak Demand





Source: ISO-New England

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- Peaky load profile
- Catalytic technologies poised for explosive growth
 - Storage
 - CHP
 - DG
 - Grid Modernization
- Maturing of the clean energy sector



Reach for the hammer, or design new tools?

- Wind
 - Offshore (5,000 MW) (ME: 156 GW)
 - Onshore (1,000-2,000 MW)
- Solar, new goal (1,600MW)
- Energy Efficiency (~2,000MW)
- Demand Response (>1,000MW)
- Non-RPS Eligible Hydro Potential (~X,000 MW)
- New and Innovative Regulations/Incentives/Markets/Financing/ Business Models

Whenever I run into a problem I can't solve, I always make it bigger. I can never solve it by trying to make it smaller, but if I make it big enough I can begin to see the outlines of a solution.

Dwight D. Eisenhower





