



New England States'
Committee on Electricity

Economic Study Request

March 31, 2009



The Objective

- Identify the significant sources of renewable energy available to New England, the most effective means to integrate them into the grid, and estimated costs



The Point

- Inform decisions about the most sensible way forward to meet the New England Governors' shared goal of cost-effective, low carbon, secure energy



What's Needed

- Information related to potential on- and off-shore renewable resources & interconnection requirements
- A sound technical basis to inform the states' development of a regional resource planning blueprint
- Identification of resources, technologies, or opportunities that would benefit from funding for technology development or regional renewable planning studies



What the Studies Should Show

Potential resources, conceptual layouts of associated transmission system interconnections & data on:

- associated combined costs of generation & transmission
- changes in transmission system operation & reliability
- differences across scenarios in generation from renewable resources
- differences across scenarios in emissions of CO₂, NO_x, & SO₂