



Responding to EPA's 111d Rule:
Building Minnesota's Clean Energy Economy

Bill Grant, Deputy Commissioner
Department of Commerce
To the Environmental Quality Board

National Governors Association

- Minnesota selected as one of four states to participate in DOE's Clean Energy Economy Policy Academy
 - Leadership from DEED, Commerce, Agriculture, EQB and others
 - Goal is to better integrate economic development and energy policy strategies
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NGA Project Scope

- Focus on 5 sectors:
 - Wind
 - Solar
 - Energy Efficiency
 - Bioenergy
 - Smart grid/new technologies
 - Consider entire value chain – R&D, manufacturing, sales, installation, support services, etc.
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NGA Asset Mapping

- Help meet goals of creating jobs, keeping energy dollars in the state
 - Build network for businesses
 - Help existing companies grow
 - Understand, predict and plan for workforce demands, training needs
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NGA Industry Engagement

- Survey of businesses for clean energy economic analysis underway now
 - Five sector roundtable meetings this month
 - Clean Energy Economy Summit
 - July 17, University of Minnesota
 - Recommendations to Governor in September
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Minnesota Renewable Integration Technical Study

- 2013 legislation directed Minnesota utilities to study grid impacts/reliability issues in moving to higher penetration levels (40% by 2030)
 - Study team comprised of utility engineers, national experts working under Commerce direction
 - Study results due in November, 2014
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Thank You.

Questions?
