



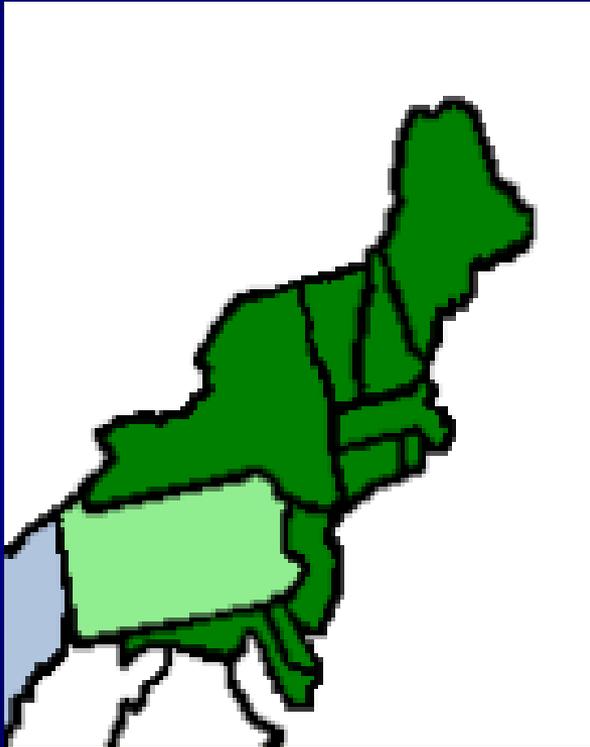
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**Northeast and Mid-Atlantic States
Regional Clean Fuels Standard Initiative:
Status Update**

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CRC Lifecycle Workshop
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October 18, 2011

NE/MA CFS Timeline



- December 2008: Agency heads from 11 states signed Letter of Intent
- December 2009: Governors signed Memorandum of Understanding
- Goals: Develop framework for regional LCFS, conduct Economic Analysis

Governors' MOU: Key Commitments

- Develop program framework and model rule
 - Compliance goal and timetable
 - Treatment of heating fuels
 - Regulated entities
 - Trading mechanisms
 - Monitoring and Program Review
- Economic Analysis
- Account for indirect Land Use Change
- Stakeholder involvement
- Monitor other state/federal efforts and support development of strong federal program

Status of Regional Initiative

- Multiple stakeholder meeting/webinars were held in 2010 to solicit input on:
 - Program framework
 - Economic analysis
- Draft program framework document is under development
- Economic analysis completed August 2011
- Seeking stakeholder feedback on analysis until October 31

Economic Analysis: Summary of Key Findings (1)

- **Gasoline and Diesel Use:**
 - Decreases by 12 to 29 percent (4.0 to 8.7 billion gallons annually) once the 10% CFS is fully implemented;
- **GHGs Emissions:**
 - Reductions of 5 to 6% under low oil prices; 7 to 9% under high oil prices for 10% CFS scenarios
- **Fuel Diversity:**
 - Greater diversity of fuels and greater domestic contributions
 - Petroleum-based fuels still dominate market share (70+% minimum))
- **Net Cost-Benefit:**
 - Positive under all scenarios when oil prices are high, more so w/ value of GHG benefits
 - Near parity at low oil prices, some turn positive when GHG benefits added

Economic Analysis: Summary of Key Findings (2)

- **Macro-economic impacts:**
 - Small but net positive impacts projected for all macroeconomic indicators
 - Utilities, construction, healthcare, forest/ag positive; retail/wholesale trade and petroleum mfg negative
- **Most influential variables affecting results:**
 - CI of petroleum and low carbon fuels;
 - Petroleum prices; and
 - Price of low carbon alternatives (fuel, infrastructure and vehicles);

Questions?

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