



WESTCARB Annual Business Meeting

Washington State Climate Change Policy Initiatives

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*Seattle, WA
November 28, 2007*

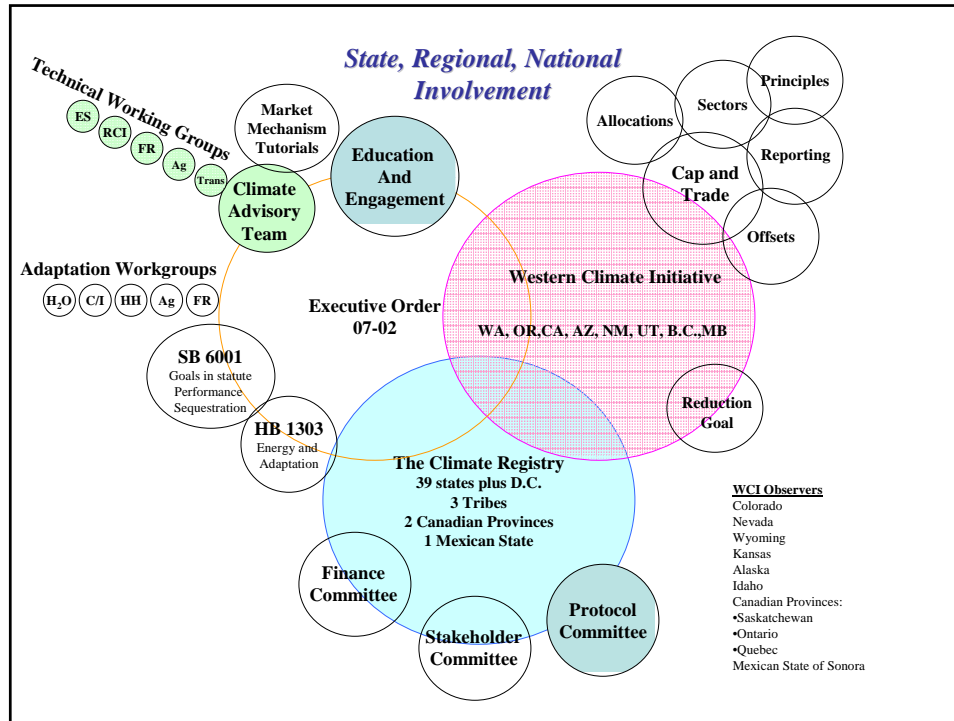


Overview

- Background for WA climate change policy actions
- Review of emission reduction targets
- Description of the Climate Advisory Team process
- Components of ESSB 6001 (RCW 80.80)
 - Emission inventory development
 - Rulemaking to implement GHG emission performance standard

WEST COAST REGIONAL CARBON SEQUESTRATION PARTNERSHIP





Washington's Climate Change Challenge

- Created by Executive Order 07-02
 - Specific climate change goals
 - Reduce emissions through government policies, efficient market-based systems, allowance trading, and incentives
 - Recommend reduction strategies for the state enterprise
 - Determine specific steps to be prepared for impacts
 - Develop education and engagement component
 - Instate and regional coordination

- Report due to the Governor 2/7/08

Reduce Emissions and Grow our Economy

By 2020 reduce GHG emissions to 1990 levels

By 2035 reduce emissions to 25% below 1990 levels

By 2050 reduce emissions to 50% below 1990 levels

By 2020 increase the number of clean energy sector jobs to 25,000 from the 8,400 jobs in 2004

By 2020 reduce expenditures by 20% on fuel imported into the state



Manage the Unavoidable

- Prepare and adapt for the effects of global warming
 - Determine specific steps to prepare for the impacts on public health, agriculture, forestry, the coast line, and infrastructure
 - Assess additional steps to prepare for the impact on water supply and management



The Stakeholder Process

Climate Advisory Team

Technical Working Groups

- Transportation
- Forestry
- Energy Supply
- Residential, Commercial and Industrial
- Agriculture

Preparation/Adaptation Groups

- Water Resources and Quality
 - Coastal/Infrastructure
 - Forestry
 - Agriculture
 - Human Health
- Education and Engagement



CAT Themes and Observations: Sustain the Commitment

- Any comprehensive approach to meeting the challenges and opportunities presented by global warming requires the sustained commitment to:
 - Continue learning about what needs to be done;
 - Adapt based on what lessons have been learned over time; and
 - Acknowledge that reducing sufficient greenhouse gas emissions and adjusting to the impacts of climate change will be a long term effort



Use Market-based Approaches Where Possible

- Market-based approaches are preferred when implementing economy-wide strategies to reduce greenhouse gas emissions
- They complement other reduction strategies; they are not an “either/or”
- Market-based approaches should:
 - Stimulate and support the investments, business practices and behavioral changes needed to reduce GHG emissions;
 - Avoid creating artificial financial windfalls within and across sectors and between producers and consumers; and
 - Be directed at performance goals and thus be as technology-neutral as possible



Build on Existing Actions

- Adopted the California Car Emissions Standards
- Adopted renewable fuels (biodiesel and ethanol) standards for transportation
- Instituted high-performance green building standards
- Have one of the most energy-efficient building codes in the U.S.
- Passed a clean renewable energy initiative
- Implemented electric utility conservation programs
- Enacted significant legislation: Climate Change --Mitigating Impacts Act (SB 6001) and Cleaner Energy Act (HB 1303)

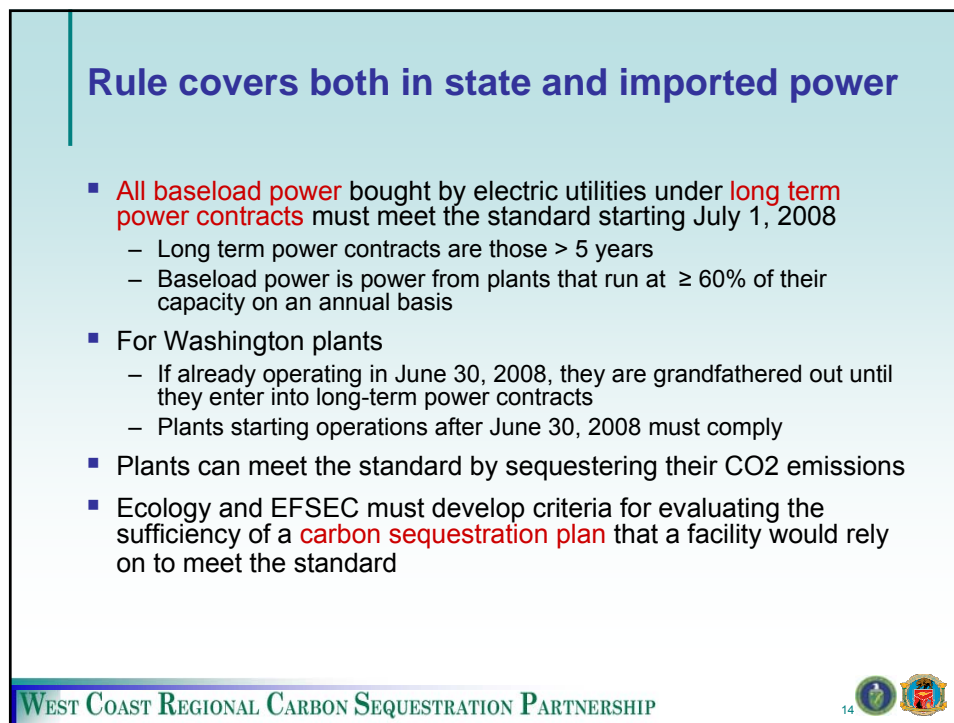
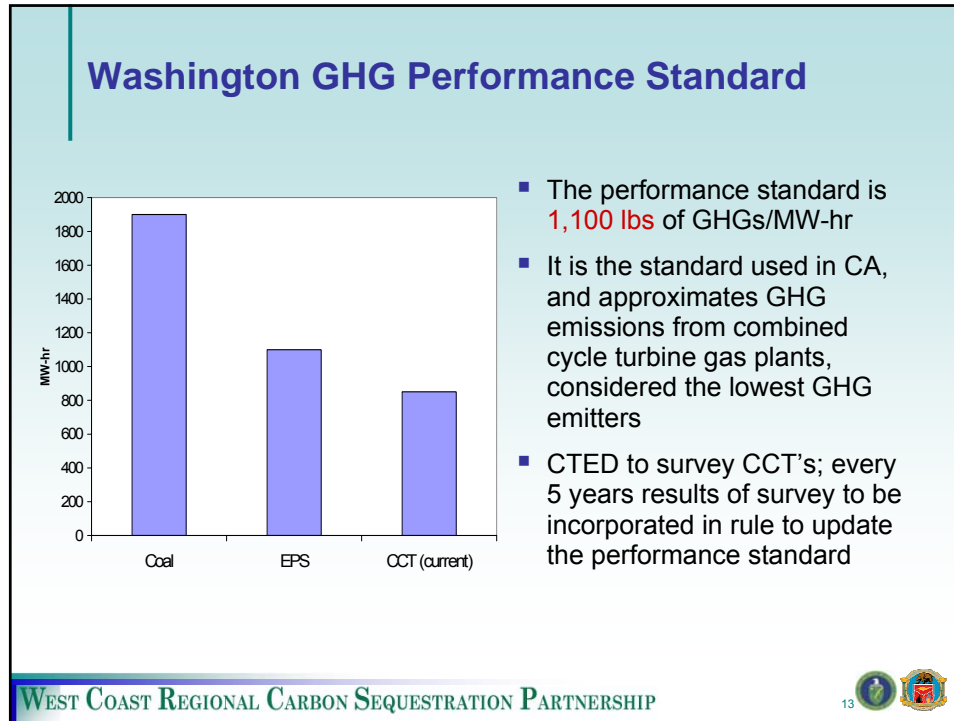


Likely Early 2008 Actions

- Emissions Reporting bill
- Clarify SEPA application to climate change
- Early Action Recommendations from the Climate Advisory Team
 - Business energy tax credits
 - Combined heat and power (promote and remove barriers)
 - Invest in manure digesters
 - Plug-in hybrids (accelerate and integrate use)
 - Carbon capture and storage (focus on requirements and enabling policies)

RCW 80.80 Requirements

- Codifies emission reduction targets
- Submission of policy recommendations to legislature
- Report 1990 baseline GHG emissions inventory by December 31, 2007
- Report preceding 2 year GHG emissions inventory starting in 2010
- Rulemaking to implement GHG emissions performance standard



Rule Development Process

- Ecology is developing the rule with the assistance of a rule advisory committee
 - ECY, CTED, WUTC, DNR (state agencies)
 - PUDs, BPA, power plants
 - Environmental groups
 - Academia
- The rule advisory committee has been meeting since September 2007; last meeting is scheduled in December
- The draft rule will be published for public comment in early 2008
- Rule adoption slated for June 2008

Questions?