



# Kansas Energy and Environmental Policy Advisory Group (KEEP)

Meeting #2, August 5, 2008

Kansas Governor's Office  
The Center for Climate Strategies

August 5, 2008

# Welcome and Introductions

- Kansas Governor's Office
- KEEP Members
- Kansas State Agencies
- Members of the Public
- Center for Climate Strategies

# Agenda

1. Welcome and Introductions
2. Approval of KEEP Meeting #1 Summary
3. Purpose and Goals for KEEP Meeting #2
4. Update on Recent Federal Actions
5. Review and Approval of Additions to Catalogs of Potential State Actions from Technical Work Groups
6. Review of the Prioritization Process of Potential KS Priority Policy Options for Further Analysis
7. Next Steps for KEEP and Technical Work Groups
8. Agenda, Time, and Date for Next Meeting
9. Public Input
10. Announcements
11. Adjourn

# Summary of Prior KEEP Meeting

- Edits and Approval of KEEP Meeting #1  
Summary

# Goals for KEEP Meeting #2

- Review and Approval of Additions to the Catalogs of Potential State Actions from each Technical Work Group
- Consider Proposed Changes to the draft KS GHG Emissions Inventory and Forecast from the TWGs, if any.
- Review the Prioritization Process for Selecting the High Priority Policy Options for Further Analysis

# Update on Recent Federal Actions

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# BREAKING NEWS!

- July 11, 2008 – EPA released an Advance Notice of Proposed Rulemaking (ANPR)
  - Response to April 2, 2007 Supreme Court decision in *Massachusetts v. EPA* which holds that CO<sub>2</sub> is a pollutant under the CAA
  - 588 pages
  - 120 day public comment period
  - Benefits and ramifications of regulating GHGs under the CAA

# EPA Climate Change ANPR

- Describes advantages/disadvantages of regulating GHGs under various CAA provisions
- Raises CAA issues to consider for possible future climate legislation
- Requests comment on scientific information related to an endangerment finding
- Does NOT include an endangerment finding

# EPA Sequestration Rule

- Proposed July 2008 under Underground Injection Control (UIC) regulations
- Authority: Safe Drinking Water Act
- Addresses technology for underground storage of CO<sub>2</sub>
- Does not address liability issues

# GHG Reporting Rule

- Required by 2007 Appropriations Bill
  - Provides \$3.5M to EPA
- Proposed Rule by September 2008
- Final Rule by June 2009
- Focus is obtaining data for planning
  - Will not include 3<sup>rd</sup> party verification needed for cap & trade program

## Where to learn more...

- <http://www.epa.gov/climatechange/anpr.html>
- <http://www.epa.gov/epahome/anprfacts.htm>
- <http://thomas.loc.gov/cgi-bin/bdquery/z?d110:H.R.6:>

# Stepwise Planning Process

1. Get organized
2. Review and refine inventory & forecast of emissions
3. Identify a full range of possible actions
4. Identify initial priorities for analysis
5. Develop straw policy design proposals
6. Quantify initial GHG reductions and costs/savings
7. Fully develop policy option templates
8. Develop alternatives to address barriers as needed
9. Aggregate and integrate results
10. Finalize and report recommendations

# Technical Work Groups

- Energy Supply
  - Heat and power generation; locus for cap and trade or carbon tax policy
- Residential, Commercial, Industrial
  - Energy efficiency & conservation, industrial process, waste management
- Transportation and Land Use
  - Vehicle efficiency, alternative fuels and demand reduction programs
- Agriculture, Forestry, and Waste Management
  - Land protection, forest restoration, sustainable forest management, bioenergy, sustainable wood products, waste reduction, recycling
- Cross-Cutting Issues
  - Reporting, registries, lead by example, public education, goals, etc.

# Additions to Catalogs of State Actions

- Identify potentially missing actions for KS
- Add to list for consideration of “priorities for further analysis”
- See handouts for each TWG:
  - AFW TWG
  - TLU TWG
  - RCI TWG
  - ES TWG
  - CCI TWG

# AFW TWG

- AFW-1: Agriculture—Production of Energy and Materials
- AFW-2: Agriculture—Livestock
- AFW-3: Agriculture—Crop Production
- AFW-4: Agriculture—Land-Use Change
- AFW-5: Agriculture—Farming Practices
- AFW-6: Forestry—Production of Energy and Materials
- AFW-7: Forestry—Biomass Protection and Management
- AFW-8: Forestry—Wood Products and Waste
- AFW-9: Waste Management—Waste Management Strategies
- AFW-10: Waste Management—Landfill Gas Strategies
- AFW-11: Waste Management—Wastewater Management Strategies

# Break



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# TLU TWG Catalog

- TLU-1: Passenger Vehicles
- TLU-2: Land Use Efficiency and Modal Options
- TLU-3: Heavy Duty Vehicles
- TLU-4: Intercity Passenger Travel: Aviation, Rail, and Bus
- TLU-5: Off-Road Vehicles

# Lunch Break



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# RCI TWG

RCI-1: Energy Efficiency Programs, Funds, and Goals

RCI-2: Buildings and Facilities

RCI-3: Appliance Standards

RCI-4: Education and Outreach

RCI-5: Pricing and Purchasing

RCI-6: Customer-Sited Distributed Energy and  
Combined Heat and Power

RCI-7: Non-Energy Emissions (HFCs, PFCs, SF<sub>6</sub>, CO<sub>2</sub>  
Process Emissions)

RCI-8: GHG Emissions—Specific Goals and Policies

RCI-9: Other

# Energy Supply TWG

ES-1: Emissions Policies and Overarching Items

ES-2: Renewable Energy

ES-3: Energy Efficiency

ES-4: Fossil Fuel and Nuclear Electricity

ES-5: Fuel Production, Processing and Delivery

ES-6: Carbon Capture and Storage or Reuse

ES-7: Other Energy Supply Options

ES-8: Education and Outreach

# Cross Cutting Issues TWG

- CCI-1: Inventories and Forecasting
- CCI-2: GHG Reporting
- CCI-3: GHG Registry
- CCI-4: Statewide GHG Reduction Goals and Targets
- CCI-5: State, Regional and Local Government and Academic Institutions GHG Emissions (Lead by Example)
- CCI-6: Comprehensive Local Government and College Climate Action Plans (Propose Consolidation w/ Option 5)
- CCI-7: Public Education and Outreach
- CCI-8: Market- Based GHG Reduction Policies

# Cross Cutting Issues TWG (cont'd.)

- CCI-9: Seek Funding for Implementation of KEEP Recommendations
- CCI-10: Adaptation and Vulnerability
- CCI-11: Participate in Regional and Multi-State GHG Reduction Efforts
- CCI-12: Identify or Create a Clearinghouse to Facilitate Investment in Climate Related Business Opportunities
- CCI-13: Encourage Creation, Enhancement or Expansion of a Business Oriented Organization to Promote Climate Strategies
- CCI-14: Dedicate Greater Public Investment to Climate Data and Analysis
- CCI-15: Facilitate Development of an Effective Carbon Credit System for Kansas, using state, regional or national approaches

# Prioritization Process

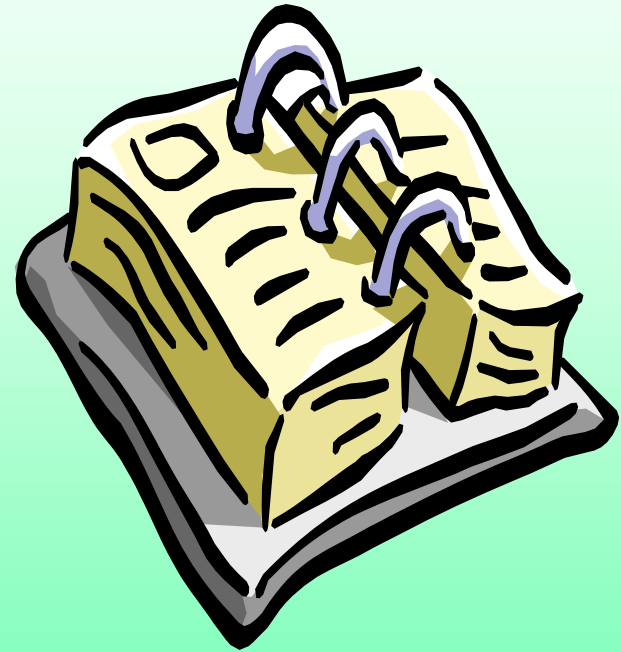
- Review of the Prioritization Process of Potential KS Priority Policy Options for Further Analysis

# Next Steps KEEP, TWGs

- TWG meetings Continue
- 2 TWG meetings before next KEEP meeting
  - Conduct Prioritization Process on Potential State Priority Policy Options in the TWG Catalog of Potential State Actions
  - Recommend Highest Priority Options for Further Analysis to KEEP at Meeting #3
  - Review and comment on inventory and forecast

# Next KEEP Meeting

- Agenda:
  - Review and approve proposed Priority Policy Options from TWGs for Further Analysis
  - Review and approve TWG suggested updates to the draft KS GHG emissions inventory and forecast, if any
  - Prepare for next steps (Development of Straw Policy Option Descriptions and Designs)
- Date: December 9, 2008
- Location : TBD



# Timing – KEEP Meetings

<b>Date</b>	<b>Action</b>
May 20, 2008	1st KEEP meeting
August 5, 2008	2nd KEEP meeting
December 9, 2008	3rd KEEP meeting
April 2009	4th KEEP meeting
August 2009	5th KEEP meeting
November 2009	6th KEEP meeting
January 2010	Final Report due
Between KEEP Meetings	TWG conference calls and meetings

# Public Input

# Announcements

# Adjourn