



# Colorado Climate Action Panel Energy Supply Policy Work Group Meeting #4 April 19, 2007



## Agenda

- Introductions and Roll Call
- Review and Approval of draft summary of Policy Work Group (PWG) Call #3
- Final comments/suggestions on GHG Inventory and Forecast
- Discussion of policy option balloting results
- Next Steps for PWG
- Agenda, Time and Date for Next Meeting
- Public Input and Announcements

# Inventory and Forecast of Colorado GHG Emissions

- Preliminary analysis for further discussion and revision
  - Inventory of historical emissions from 1990 to most recent data year
  - Projection of emissions to 2020
- Prepared by CCS for Colorado Department of Public Health & Environment (CDPHE) under contract to the Western Regional Air Partnership (WRAP)

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## Voting on Priorities for Analysis

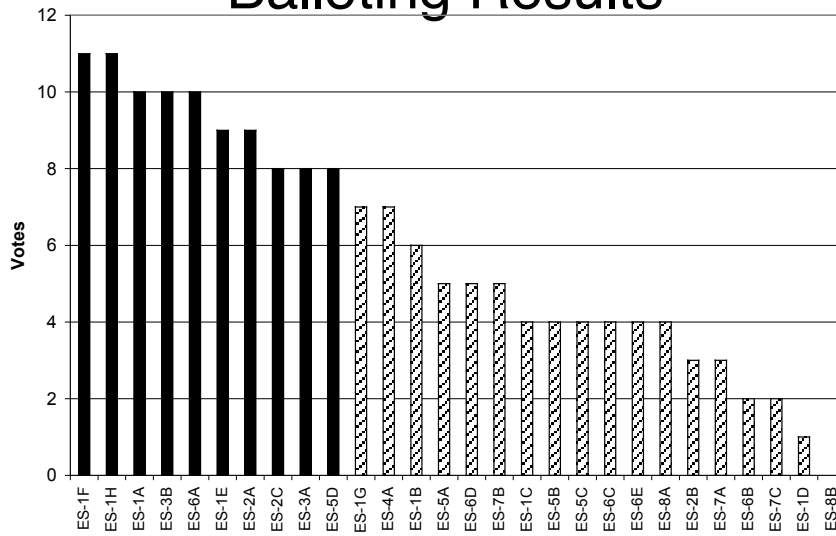
- Each PWG member received a ballot via email
- Each respondent cast 10 votes, with no more than one vote per option
- 16 PWG members responded out of 21
- CCS compiled results & identified top 11 options (10 & 11 were tied)

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## Balloting Results



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## Balloting Results – Top 10

Consolidation Title		Votes	New Name
ES-1F	Renewable Energy Incentives including Waste to Energy	11	ES-1
ES-1A	Mandated Portfolio Standards	10	ES-2
ES-1H	Transmission Infrastructure for Renewables	11	ES-3
ES-6A	Cost for CO2 Emissions (C&T or tax)	10	ES-4
ES-1E	Public Benefit Charge Funds	9	ES-5
ES-2A	Incentives for CHP, DG, Smart Grid	9	ES-6
ES-3B	Carbon Capture & Storage Infrastructure	10	ES-7
ES-5D	Pricing and Rates	8	ES-8
ES-2C	R&D for DG & Renewables, Advanced Fossil Fuel	8	ES-9
ES-3A	Promote advanced fossil fuel generation with carbon capture, including IGCC	8	ES-10

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## Not making the cut...

ES-1G	Address Regulatory Hurdles for Renewable Energy	7
ES-4A	Nuclear Energy	7
ES-1B	Small new hydro & efficiency improvements at existing hydro	6
ES-5A	Efficiency Improvements for Existing Generators (includes heat recovery)	5
ES-6D	Standards for New Power Plants	5
ES-7B	Public Education	5
ES-1C	Waste Methane to Energy (landfills, wastewater, coal mines)	4
ES-5B	Transmission Improvements	4
ES-5C	Electricity Storage (maybe split into funding & R&D?)	4
ES-6C	Promote Federal Clean Energy Policies	4
ES-6E	Standards for Existing Power Plants	4
ES-8A	Oil and Gas Operations	4
ES-2B	Address Regulatory Hurdles for CHP, DG	3
ES-7A	Emissions Disclosure Rules	3
ES-6B	Voluntary Targets	2
ES-7C	Structural and Social Change	2
ES-1D	Greenpower Purchases	1
ES-8B	Refinery, Coal-to-Liquids Operations	0

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## Straw Proposals

Policy Option	Title	Options from Catalog	Primary Contact	Volunteers
ES-1	Renewable Energy Incentives including Waste to Energy	1.5, 1.10		
ES-2	Mandated Portfolio Standards	1.1, 1.11		
ES-3	Transmission Infrastructure for Renewables	5.6		
ES-4	Cost for CO2 Emissions (C&T or tax)	6.1, 6.2		
ES-5	Public Benefit Charge Funds	1.4		
ES-6	Incentives for CHP, DG, Smart Grid	2.1, 2.4, 2.8		
ES-7	Carbon Capture & Storage Infrastructure	3.2, 3.6, 3.9		
ES-8	Pricing and Rates	2.5, 5.8		
ES-9	Address Regulatory Hurdles for Renewable Energy	1.7, 1.16		
ES-10	R&D for DG & Renewables, Advanced Fossil Fuel	2.7, 1.8, 3.3, 3.5		
ES-11	Promote advanced fossil fuel generation with carbon capture, including IGCC	3.1, 3.4, 3.7, 3.8		

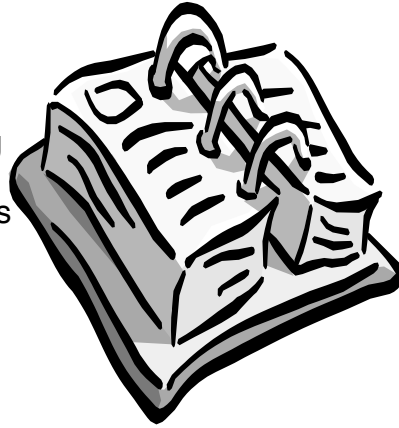
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## Next PWG Meeting (#5)

- Agenda:
  - Review CAP selections based on our results
  - Begin process of developing “straw-man” proposals, including selection of leaders for this process
- Date/location:
  - May 4, 9:00 am to 12:00 pm
  - In-person, at NREL (Building 17)



## Public Input, Announcements