Colorado Climate Project

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DRAFT TELECONFERENCE MEETING SUMMARY
Residential, Commercial, and Industrial Policy Working Group
Call #3, March 13, 2007

Members Attending:

Dan Chiras
Jack Ihle
Pat Keegan
Dave Newport
Bruce Oreck
Dan Richardson
Jennifer Schenk
Kurt Schlomberg
Doug Seiter

Governmental agency liaisons: none
Rocky Mountain Climate Organization: Stephen Saunders, Tom Easley
Center for Climate Strategies: Ezra Hausman, Tim Woolf, Alice Napoleon
Members of the Public: Karen Hancock, Jim Schrack (both from City of Aurora)

Agenda Item #1: Introductions and Roll Call

Agenda Item #2: Approval of draft summary of Policy Work Group (PWG) Call #2

No changes to the RCI Call #2 meeting notes were suggested.

Agenda Item #3: Discussion of Balloting on Policy Option Priorities

PWG members will receive a ballot by email by March 16 and will have until March 23 to complete and return the ballot to Ezra Hausman (ehausman@synapse-energy.com). Members are instructed to vote for 10 of the consolidated options without prioritization (see item #4 for more on the consolidation). CCS will post the results one week prior to the next teleconference on April 3. The ranking for all options will be presented to the CAP; the top 10 will be recommended for further analysis. Members should vote for the options they believe present the best opportunities for Colorado, not based on how readily they can be analyzed.

Agenda Item #4: Comments/suggestions on Inventory and Forecast

Ezra Hausman highlighted some elements of the inventory and forecast, such as CO_2 accounting for over 99% of the GHG emissions (on a CO_2-equivalent basis) by the RCI sector; Colorado's strong employment and population growth, both of which drive the forecast; and uncertainties about coal-to-liquid demand, which is not included in the industrial coal consumption forecasts in the inventory and forecast document.

Some concern was expressed that state officials may respond negatively to recommendations made based on federal sources if these sources are not consistent with state data. It was noted that the inventory and forecast draw on state data where available (for example, for employment data) but that when this is unavailable it relies largely on federal data.

Stakeholder review and acceptance of the inventory and forecast are critical to moving forward in the process. Members are asked to review the inventory and forecast, including Appendix B (RCI) and E (Fossil fuel industries), and provide any feedback to Ezra Hausman (ehausman@synapse-energy.com) prior to the next PWG call on April 3. The report can be accessed at http://www.coloradoclimate.org/Residential_Commercial.cfm.

Agenda Item #5: Review and discussion of the RCI Catalog Policy Options, consolidation and reorganization for balloting

GENERAL NOTES AND COMMENTS:

There was discussion about reflecting life-cycle costs (not just "first costs") in the notional rankings for potential cost (as shown in the 5th column of the catalog of state actions) as well as in the quantitative analysis of options. Life-cycle costs could include long-term benefits, employment benefits, and other benefits and/or other costs to society not accounted for in the cost of acquiring and installing the measure. Also discussed was whether a column could be added to the catalog for non-quantifiable benefits and costs. The ballot will contain language explaining the notional rankings and their limitations at this stage in the process.

Participants expressed an interest in reframing language to reflect the concepts of abundance rather than sacrifice (e.g., efficiency versus conservation), as is discussed in the American Solar Energy Society's report "Tackling Climate Change in the U.S."

There was some discussion about options that overlap with other PWGs. For example, improved community planning (RCI-3.13) has implications for energy use at residences but may overlap with options being considered by the TLU group. This is somewhat inevitable, and it will be up to the CAP to sort out based on recommendations from the various PWGs.

A member expressed a preference for getting as many options as possible implemented through codes, rather than through voluntary agreements.

CHANGES TO INITIAL OPTIONS (PRIOR TO CONSOLIDATION):

All changes refer to the "Updated RCI Catalog of State Actions", available on-line at http://www.coloradoclimate.org/Residential_Commercial.cfm.

RCI-1.3: "Energy Portfolio Standards" should be changed to "Efficiency Portfolio Standards"

RCI-1.5: It was suggested that in-home energy displays should have high (initial) cost and high GHG reduction potential, based on a study showing a 10% reduction in energy consumption in homes with these displays. However, referring back to the description of reduction potential, it was agreed that this measure is probably not capable of avoiding more than one million metric tons of CO_2 per year, and the potential was retained as "low".

RCI-3.14: New option added for "smart growth".

RCI-6.7: "Passive solar cooling design" should be changed to "Passive cooling design"

RCI-9.10: It was suggested that a carbon-neutral requirement for state buildings would have low GHG reduction potential and low cost.

CONSOLIDATION OF OPTIONS:

Ezra Hausman presented a "straw man" proposal for consolidating options, as shown on pages 2 – 3 of the catalog. The group discussed and revised the proposed consolidation. The final consolidated options are shown below.

Proposed Consolidation		Constituent policy options
RCI 1A	Expanded DSM	1.1, 1.1a, 1.3, 9.2
RCI 1B	Funding for energy efficiency	1.2, 1.6
RCI 1C	Regional market transformation alliance	1.4
RCI 2A	State level appliance standards	2.1, 2.3
RCI 2B	Support for stronger federal appliance standards	2.2
RCI 3A	Building codes & enforcement	3.1, 3.4, 3.7, 3.10
RCI 3B	Planning and design	3.13, 3.14
RCI 3C	Resources and funding for building efficiency	3.2, 3.3, 3.6, 3.11
RCI 3D	Retrofit of existing structures	3.5, 3.12, 9.11
RCI 3E	Building practices	3.8
RCI 3F	Residential Energy Conservation Ordinance	3.9
RCI 4A	Public Outreach	4.1, 4.2
RCI 5A	Pricing and Purchasing	5.1, 5.2, 5.3, 5.4, 5.5, 5.6, 1.5
RCI 6A	Passive solar	6.1, 6.3 6.5, 6.7, 6.8, 6.9
RCI 6B	Energy delivery	6.2, 6.10
RCI 6C	Targeting appliances	6.4, 6.6
RCI 7A	Non-energy process improvements	7.1, 7.2, 7.3
RCI 7B	Substitution of non-GHGs	7.4

Proposed Consolidation		Constituent policy options
RCI 8A	Fuel switching	8.1, 7.5
RCI 8B	Industry-specific programs	8.2, 8.4, 9.5, 9.6
RCI 8C	Voluntary, public/private partnerships	8.3, 8.5, 8.6, 8.7
RCI 9A	EE, RE requirements for government agencies	9.1, 9.4, 9.10
RCI 9B	Funding options for businesses	9.3, 9.7

Agenda Item #6: Next Steps of Policy Work Groups.
Next meeting, the PWG will review the results of the balloting; settle on the top 10 to be recommended to the CAP for further analysis; and complete review of the GHG inventory and forecast.

Agenda Item #7: Agenda, Time and Date for Next Meeting.
Next meeting will be via conference call on April 3, 2007, from 1:00 – 3:00 PM Mountain Time.

Agenda Item #8: Public Input and Announcements.
None.