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DRAFT MEETING SUMMARY
Vermont Governor's Commission on Climate Change Technical Working Group
Energy Supply and Demand

Call #6, April 17, 2007, 1:30 – 3:30 pm

Prepared by Sivan Kartha and Jeff Merrell

Attendance:

TWG MEMBERS
Alan Betts
Michael Dworkin
Don Gilbert
Thomas Jagielski
James Moore
ADDITIONAL PARTICIPANTS / ALTERNATES
Riley Allen
Bruce Bentley
Brian Kieth
David Lamont
Ellen Crivella
VERMONT DEC
Jeff Merrell
FACILITATORS
Sivan Kartha
Energy TWG Members not present
Debra Baslow
Gina Campoli
Sean Cota
Elizabeth Courtney
Richard Cowart
Robert DeGeus
Robert Dostis
Chris Dutton
David Epstein
David Hill
David O'Brien
Dale Rocheleau



Background documents:

Unless otherwise noted, all documents are posted at

http://www.vtclimatechange.us/technical_work_groups.cfm,

(Click on Energy Supply and Demand under Technical Working Groups in the left-hand column)

1. Meeting Notice and Agenda, ESD TWG Call #6
2. Summary of Call ESD TWG Call #5 (March 8, 2006)
3. Powerpoint Presentation to ES TWG Call #6
4. Draft ESD Policy Descriptions rev 0.3

Agenda:

1. Call to order, roll call, and approval of prior meeting summary
2. Discussion of priority options descriptions and analysis
3. Agenda, date and time for next meeting
4. Call to the public
5. Announcements

Discussion and decisions:

1. Call to order, roll call, approval of summary.

The meeting was called to order by Sivan Kartha shortly after 1:30pm, and roll call was taken. The summary of ESD TWG call #5 was approved by the group.

2. Review and discussion of priority option descriptions

The TWG reviewed the requests from the Plenary group at the meeting #4, March 22, 2007. The use of the phrase "zero-carbon" was deleted from ESD-6, and the interpretation of the Plenary Group's use of a two-tier approach was disputed

The TWG then reviewed the straw man "Goals and Timing" and "Analysis Approach" distributed by Sivan.

Decisions on the individuals options were as follows:

ESD-1, ESD-2 and ESD-3:

The goals for these three measures should be expressed together, and as emissions target, to capture the potential importance of fuel switching, specifically switching to electricity (e.g., low-temp heat pumps) and natural gas (as alternative to heating oil).

The near term target should reach beyond the "cost-effective achievable potential" as defined by the GDS study for the 2015 time frame. (The GDS definition "achievable potential" is perhaps more suitable, but "technical potential" is not practical.)



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The goals should be expressed for new buildings and stock separately. (Refer to Efficiency Vt for standard definition.) New building target should be significantly more than 50% reduction. Existing building target should take into account historical buildings, but recognize that efficiency improvements can be attained without compromising historical value.

ESD-4:

Change specific reference to Vermont Yankee to nuclear sources generally. (Addressing reliability might involve trades or swaps with other nuclear sources.)

ESD-5:

Not discussed.

ESD-6:

The TWG agreed to:

1. Add language that clarifies up front that large-hydro is dealt with separately in ESD-10.
2. Delete “zero-carbon” language.
3. A two-tier structure will not be incorporated into the design of ESD-6 specifically. A two-tier structure exists in the ESD portfolio insofar as ESD-4 and ESD-10 deal with large sources, and ESD-6 does not.
4. The level amount will be defined to refer to **new** sources, either by specifying and defining new sources, or setting the percent level above the current renewable sources by the appropriate amount.
5. This is a study of resources across the integrated regional grid, not Vermont exclusively. RECs from regional renewables can be used to meet the Vermont target. Similarly, renewable generating sources which sell RECs out of state can increase revenue for Vermont, but will not count toward meeting the Vermont renewables target.

ESD-7:

Not discussed.

ESD-8:

Not discussed.

ESD-9:

This measure will include specific wind support policies, as well as an explicit target for local Vermont wind. The level will be determined in light of resources assessment.



ESD-10:

This measure will include specific hydro support policies, as well as an explicit target for local Vermont hydro. The level will be determined in light of resources assessment.

This measure will also include measures to maintain large-scale hydro purchases. (The explicit mention of Hydro Quebec is deleted in recognition of other potential sources.)

3. Agenda and proposed date for next meeting

The date for the next scheduled TWG meeting is:

April 30, 2007 from 1:30 - 3:30. This is a new meeting to allow more time for TWG review and input on analysis before the Plenary meeting on May 17, 2007.

The tentative agenda for the next Energy TWG is:

1. Call to order, roll call, and approval of prior meeting summary
2. Discussion of draft policy analysis
3. Agenda, date and time for next meeting
4. Call to the public
5. Announcements

4. Public statements

There were no statements from members of the public.

5. Announcements

There were no announcements.

Sivan Kartha (skartha@sei-us.org; 617-627-3786)

Bill Dougherty (billd@sei-us.org; 617-627-3786)

Randy Strait (randy.strait@pechan.com; 919-493-3144x118)

Ken Colburn (kcolburn@symbioticstrategies.com); 617-784-6975)

Jeff Merrell (jeff.merrell@state.vt.us; 802-241-3859)