



Vermont



Governor's Commission on Climate Change

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

**Call #4, February 18, 2007, 1:30 – 3:30 pm**

*Prepared by Sivan Kartha and Jeff Merrell*

**Attendance:**

<b>TWG MEMBERS</b>
Debra Baslow
Alan Betts
Michael Dworkin
Don Gilbert
Thomas Jagielski
James Moore
Dale Rocheleau
<b>ADDITIONAL PARTICIPANTS / ALTERNATES</b>
Riley Allen
David Lamont
<b>VERMONT DEC</b>
Jeff Merrell
Harold Garabedian
<b>FACILITATORS</b>
Bill Dougherty
Sivan Kartha

<b>Energy TWG Members not present</b>
Gina Campoli
Paul Comey
Sean Cota
Elizabeth Courtney
Richard Cowart
Robert DeGeus
Robert Dostis
Chris Dutton
David Epstein
David Hill
David O'Brien



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### **Background documents:**

Unless otherwise noted, all documents are posted at

[http://www.vtclimatechange.us/technical\\_work\\_groups.cfm](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 #4
2. Summary of Call ESD TWG Call #3 (January 11, 2006)
3. Powerpoint Presentation to ES TWG Call #4
4. Background Document (ESD Sample Option Descriptions)

### **Agenda:**

1. Call to order, roll call, and approval of prior meeting summary
2. Review of Plenary Meeting #3 decisions relevant to the Energy TWG
3. Discussion of process for elaborating Priority Policy Options
4. Agenda, date and time for next meeting
5. Call to the public
6. Announcements

### **Discussion and decisions:**

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

The meeting was called to order by Sivan Kartha shortly after 1:30 pm, and roll call was taken. The summary of ESD TWG call #3 was approved by the group.

#### **2. Review of Plenary Meeting #3 decisions relevant to the Energy TWG**

Sivan briefly reviewed the decisions of the Plenary Group Meeting #3. The policy options approved for further examination were as in the table below.

Michael Dworkin asked whether he can share this set of options in testimony before the Legislature. He was told that he could, providing that it is clear that this is a list approved for further examination, no final recommendations will be made until analysis is done and further deliberation occurs in the Plenary Group over the course of the next several months. Harold Garabedian explained that the GCCC is already in discussions on some "early consensus items" with the legislature.

#### **3. Discussion of process for elaborating Priority Policy Options**

The TWG discussed the options briefly, agreed that the coverage of some options (specifically ESD-6 and ESD-8) will be clarified in the draft policy descriptions and discussed further.



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<b>Table 1. Options and Responsible TWG members</b>			
<b>Option</b>	<b>Proposed Option Name</b>	<b>TWG members preparing Draft Policy and providing input</b>	<b># From Catalog</b>
<b>ESD-1</b>	Evaluation and continuation / expansion of existing DSM for electricity and natural gas	Lead: Riley Allen  Input: James Moore	RCI-1.1, 1.2, 9.2
<b>ESD-2</b>	Evaluation and expansion of DSM to Other Fuels	Lead: Riley Allen  Input: James Moore	RCI-1.1, 1.2, 9.2
<b>ESD-3</b>	Building Efficiency Codes, Training, Tracking	Lead: Debra Baslow  Input: David Hill, David Epstein (? – Debra will contact)	RCI-3.1, 3.3, 3.4
<b>ESD-4</b>	Evaluate Potential for Contracting Nuclear Power	Lead: Riley Allen  Input: Dale Rocheleau, Tom Jagielski, James Moore	ES-4.2, 6.5
<b>ESD-5</b>	Support for Combined Heat and Power	Lead: Tom Jagielski  Input: David Hill (? – Tom Jagielski will contact)	RCI-6.2; ES-2.1, 2.2
<b>ESD-6</b>	Incentives and/or Mandate for Renewable Electricity	Lead: Riley Allen  Input: James Moore, Dale Rocheleau	ES-1.1, 1.2, 1.4
<b>ESD-7</b>	GHG Cap & Trade and/or CO2 tax	Lead: Riley Allen  Input: Tom Jagielski, Dale Rocheleau, Richard Cowart (? – Riley will contact)	ES-5.2, ESD-5.3
<b>ESD-8</b>	Incentives for Clean Consumer Technologies for Electricity or Heat	Lead: Don Gilbert  Input: Dale Rocheleau, David Hill (? – Don Gilbert will contact)	RCI-6.1, 8.1
<b>ESD-9</b>	Wind-specific support	Lead: Chris Dutton (? – Don	ES-1.11,



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	measures	Gilbert will contact)  Input: Don Gilbert, Tom Jagielski, Dale Rocheleau, Alan Betts	6.5
<b>ESD-10</b>	Hydro-specific support measures	Lead: Chris Dutton (? – Don Gilbert will contact)  Input: Riley Allen, Tom Jagielski	ES-1.13, 6.5

Sivan explained the next steps in elaborating the priority policy options. Several TWG members volunteered to take the lead on fleshing out the policies. The names of the leads and those who have offered to provide input, information, review are given in the Table 1 below. Leads were requested to get in touch with those other TWG members providing input as soon as possible.

Leads were requested to policy template below, filling out items 1-4 and 6a. (See Appendix below.) This is *only a straw man*, to allow us to start discussing these policy options more concretely. Feel free to include different options for discussion, and flag any important points of uncertainty or in need of clarity for discussion within the TWG.

Leads were requested to provide filled-in template to Sivan by Tuesday, March 6. Sivan will compile and send to the group so we can discuss them on the next TWG call Thursday, March 8, 1:30-3:30.

Policy descriptions that other states have prepared in the process of developing their climate plans can provide useful input. Refer to other states’ “Draft Policy Options” available from the web pages of their Energy Supply (or Residential, Commercial, Industrial Energy Demand) Technical Working Groups.

**Montana** (process in progress, recommendations being formulated)

<http://www.mtclimatechange.us/>

**North Carolina** (process in progress, recommendations being formulated)

<http://www.ncclimatechange.us/>

**New Mexico:** (process complete, recommendations made)

<http://www.nmclimatechange.us/>



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**Arizona:** (process complete, recommendations made)  
<http://www.azclimatechange.us/>

**Oregon:** (process complete, recommendations made)  
<http://www.oregon.gov/ENERGY/GBLWRM/docs/GWReport-FInal.pdf>

**California** (process complete, recommendations made)  
(California Climate Change Advisory Committee home page)  
[http://www.energy.ca.gov/global\\_climate\\_change/04-CCAC-1\\_advisory\\_committee/index.html](http://www.energy.ca.gov/global_climate_change/04-CCAC-1_advisory_committee/index.html)  
(Option analysis document)  
[http://www.climatechange.ca.gov/documents/2005-10-14\\_CCAP\\_REPORTS/index.html](http://www.climatechange.ca.gov/documents/2005-10-14_CCAP_REPORTS/index.html)

#### **4. Agenda and proposed date for next meeting**

The date for the next meeting is:  
Thursday March 8, 2007 from 1:30 - 3:30 p.m.

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 descriptions priority options.
3. Agenda, date and time for next meeting
4. Call to the public
5. Announcements

#### **4. Public statements**

There were no members of the public present.

#### **5. Announcements**

There were no announcements.

Sivan Kartha ([skartha@sei-us.org](mailto:skartha@sei-us.org); 617-627-3786)  
Bill Dougherty ([billd@sei-us.org](mailto:billd@sei-us.org); 617-627-3786)  
Randy Strait ([randy.strait@pechan.com](mailto:randy.strait@pechan.com); 919-493-3144x118)  
Ken Colburn ([kcolburn@symbioticstrategies.com](mailto:kcolburn@symbioticstrategies.com)); 617-784-6975)  
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## APPENDIX

### SAMPLE DRAFT MITIGATION OPTION TEMPLATE

#### ESD – # X

##### 1. Mitigation Option Description

Please provide text here

##### 2. Mitigation Option Design

Please provide text here

- **Goals:**
- **Timing:**
- **Coverage of parties:**
- **Other:**

##### 3. Implementation Mechanisms

Please provide text here

##### 4. Related Policies/Programs in Place

Please provide text here

##### 5. Types(s) of GHG Reductions

Net reduction in CO<sub>2</sub> emissions

TBD.

##### 6. Estimated GHG Savings and Costs per MtCO<sub>2</sub>e

- a. Data Sources: Please provide text here (any sources you know of that will help in the quantification)
- b. Quantification Methods: TBD
- c. Key Assumptions: TBD

##### 7. Key Uncertainties



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**TBD**

**8. Additional Benefits and Costs**

**TBD**

**9. Feasibility Issues**

**TBD**

**10. Status of Group Approval**

**TBD**

**11. Level of Group Support**

**TBD**

**12. Barriers to Consensus**

**TBD**