



Vermont



Governor's Commission on Climate Change

[www.vtclimatechange.us](http://www.vtclimatechange.us)

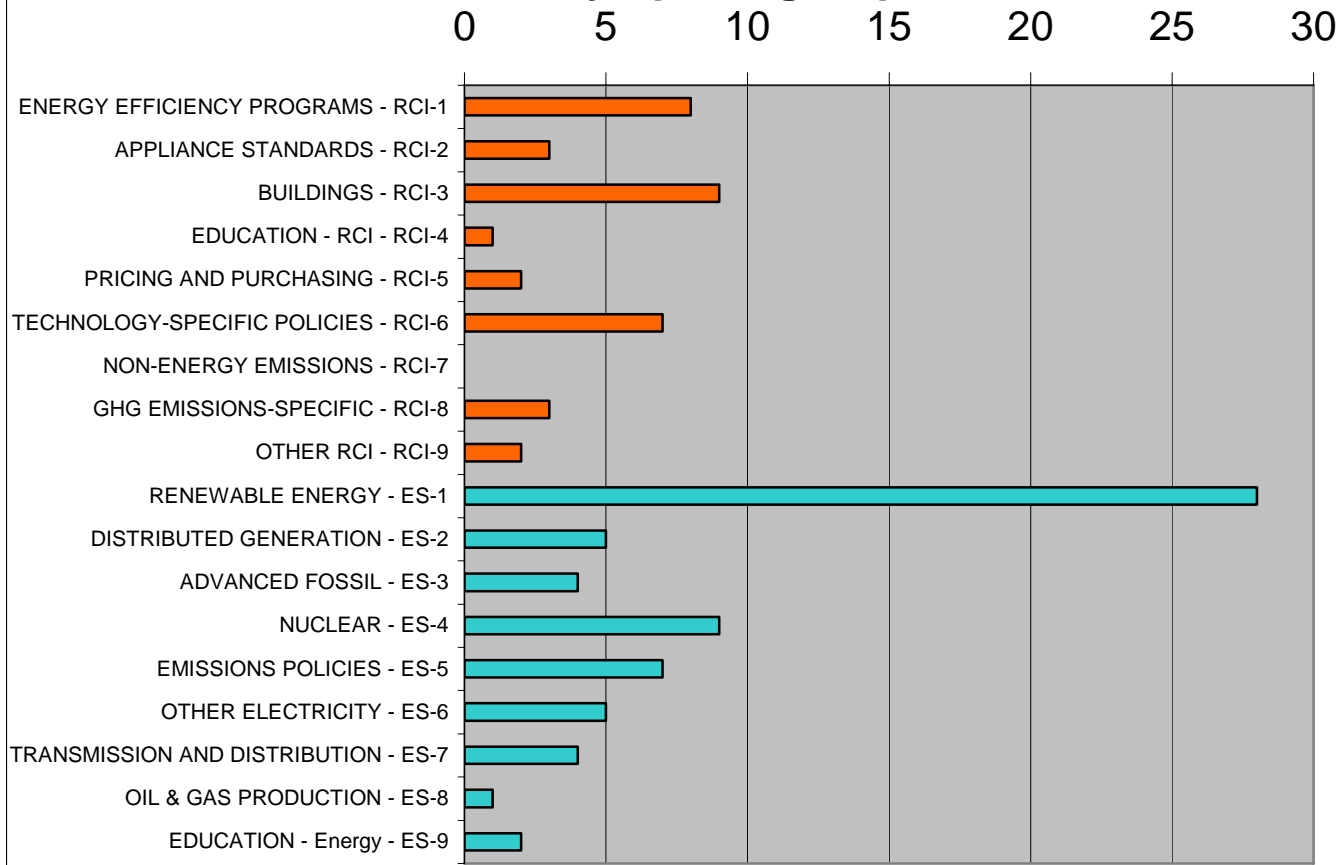
**Ballot for Energy Supply and Demand members  
for voting on priorities for further development**

**PLEASE TYPE YOUR NAME HERE:** *Preliminary results (2007-01-11)*

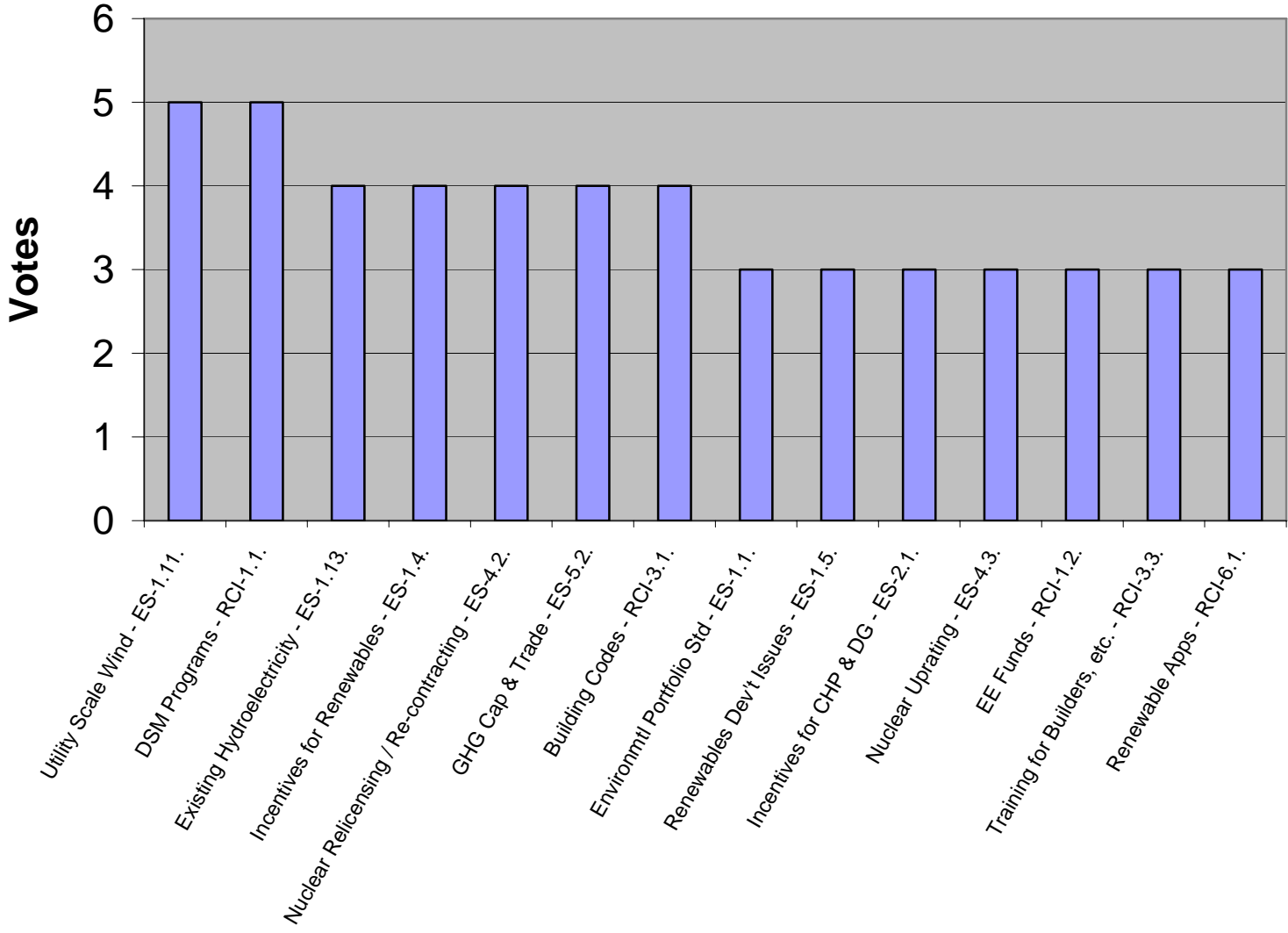
**Instructions:** You have a total of 10 votes to cast. You can cast a vote for any of the options on the following table by putting a “1” in the right hand column next to the option. You can split them across the groups in any manner you choose. (But do not load several votes on a single option.) Attach the document to an email and send to Sivan Kartha at [skartha@sei-us.org](mailto:skartha@sei-us.org).

All the TWG members’ votes will be tallied and the group will discuss the resulting scores during the next call, at which time the group may decide to make changes (consolidating options, etc.). The group will make its recommendations to the Plenary Group based on the discussion, presenting these recommendations at the January 18<sup>th</sup> 2007 meeting.

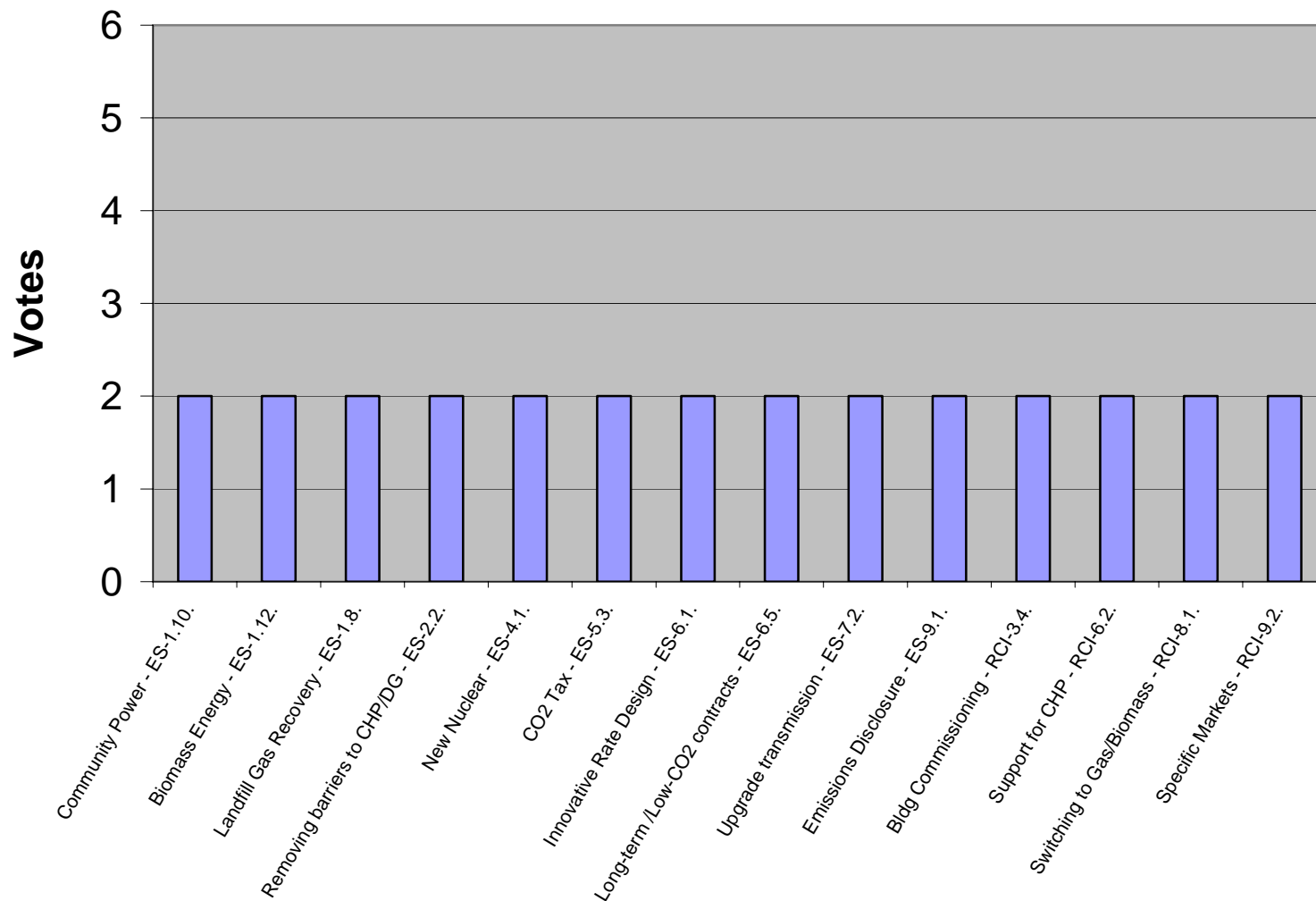
### Votes by option group



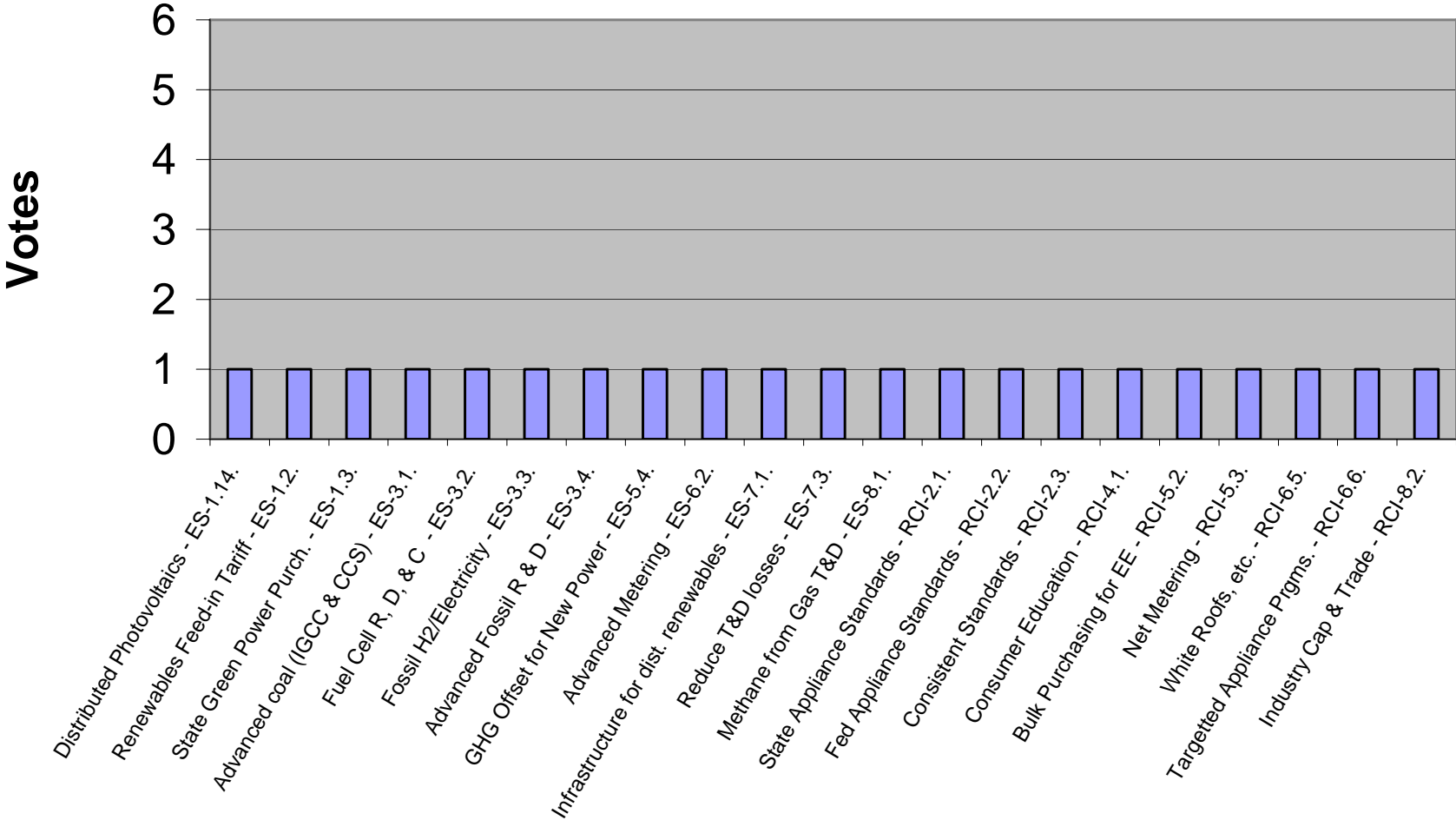
### Votes cast (options with 3 or more votes)



## Votes cast (option with 2 votes)



# Votes cast (option with 1 vote)



Proposed Option #	Proposed Option Name	# From Catalog of States Actions	Total votes
<b>Tier 1</b>			
ESD-1	Demand Side Management Programs and Funding	RCI-1.1, 1.2, 9.2	10
ESD-2	Building Efficiency Codes, Training, Tracking	RCI-3.1, 3.3, 3.4	9
ESD-3	Nuclear-specific support measures	ES-4.2	9
ESD-4	Support for Combined Heat and Power	RCI-6.2; ES-2.1, 2.2	7
ESD-5	Renewables Financial Incentives (Generic)	ES-1.2, 1.4, 6.5	7
ESD-6	GHG Cap and Trade, CO2 tax	ES-5.2, ESD-5.3	6
ESD-7	Incentives for Consumer Renewables	RCI-6.1, 8.1	5
ESD-8	Environmental Portfolio Standard	ES-1.1, 9.1	5
ESD-9	Wind-specific support measures	ES-1.11	5
ESD-10	Hydro-specific support measures	ES-1.13	4
<b>Tier 2</b>			
ESD-11	Appliance Standards	RCI-2.1, 2.2, 2.3	3
ESD-12	Renewables Development Issues (Generic)	ES-1.5	3
ESD-13	Innovative Electricity Rates	ES-6.1, 6.2	3
ESD-14	Improve T&D	ES-7.2, 7.3	3
ESD-15	Biomass-specific support measures	ES-1.12	2
ESD-16	Switch to Gas/Biomass	RCI-8.1	2
ESD-17	Landfill Gas Recovery	ES-1.8	2
ESD-18	Support for Community-scale Power	ES-1.10	2

Option No.	GHG Reduction Policy Option	BUNDLE NAME <b>Total</b>	BUNDLE #
<b>RCI-1</b>	<b>ENERGY EFFICIENCY PROGRAMS, FUNDS, AND GOALS</b>		
1.1.	Demand Side Management (DSM) Programs for improving efficiency in electricity, natural gas, propane, fuel oil *	<b>5 Demand Side Management Programs and Funding</b>	<b>1</b>
1.2.	Energy Efficiency Funds (e.g. Public Benefit Funds) administered by State agency, utility, or 3rd party (e.g. Energy Trust) for funding efficiency activities	<b>3 Demand Side Management Programs and Funding</b>	<b>1</b>
1.3.	Energy Efficiency Requirements (e.g. Utility Savings Goals or Energy Portfolio Standards) legally binding on utility*	-	
1.4.	Market transformation and technology development programs	-	
<b>RCI-2</b>	<b>APPLIANCE STANDARDS</b>		
2.1.	Expansion of State-level Appliance Efficiency Standards *	<b>1 Appliance Standards</b>	<b>2</b>
2.2.	Support for Federal-level Appliance Efficiency Standards	<b>1 Appliance Standards</b>	<b>2</b>
2.3.	Collaborate regionally to have consistent building and appliance standards across borders	<b>1 Appliance Standards</b>	<b>2</b>
<b>RCI-3</b>	<b>BUILDINGS</b>		
3.1.	Improved Building Codes *	<b>4 Building Efficiency Codes, Training, Tracking</b>	<b>3</b>
3.2.	Promotion and Incentives for Improved Design and Construction (e.g. LEED[1], green buildings)	-	

3.3.	Training and Education for Builders, Contractors, Building Managers, Enforcement Officials and others.	<b>3</b>	<b>Building Efficiency Codes, Training, Tracking</b>	<b>3</b>
3.4.	Building Commissioning and Recommissioning, including Energy Tracking and Benchmarking	<b>2</b>	<b>Building Efficiency Codes, Training, Tracking</b>	<b>3</b>
3.5.	Reduction of Emissions from Diesel Engines Used in New Construction Developments *	-		
3.6.	Periodic building energy use assessments and disclosure policy.	-		
<b>RCI-4</b>	<b>EDUCATION AND OUTREACH</b>			
4.1.	Consumer education programs*	<b>1</b>		
4.2.	Introduce in School, College, and University Curricula	-		
<b>RCI-5</b>	<b>PRICING AND PURCHASING</b>			
5.1.	Green Power Purchasing *	-		
5.2.	Bulk Purchasing Programs for Energy Efficiency or other Equipment (Public or Private sector)	<b>1</b>		
5.3.	Net Metering Policies *	<b>1</b>		
5.4.	Time of Use Rates	-		
<b>RCI-6</b>	<b>TECHNOLOGY-SPECIFIC POLICIES</b>			
6.1.	Promotion and Incentives for Renewable Energy Applications (Solar roofs, water heaters, etc.) *	<b>3</b>	<b>Incentives for Consumer Renewables</b>	<b>4</b>
6.2.	Support for Combined Heat and Power from eligible sources	<b>2</b>	<b>Combined Heat and Power</b>	<b>5</b>
6.3.	Waste Energy Recovery (via waste heat, pressure drops, or tail gases)	-		
6.4.	Appliance Recycling/Pick-Up Programs *	-		
6.5.	White Roofs, Rooftop Gardens, and Landscaping (including Shade Tree Programs)	<b>1</b>		

6.6.	Target specific appliances / buildings / processes that are the least energy efficient with incentives for improvement, replacement programs or standards, product-specific retailer training, marketing and promotion, education, etc.	<b>1</b>	
<b>RCI-7</b>	<b>NON-ENERGY EMISSIONS (HFCS, PFCS, SF6, CO2 PROCESS EMISSIONS)</b>		
7.1.	Participation in Voluntary Industry-Government Partnerships *	-	
7.2.	Require process changes / optimization where there are energy saving opportunities (e.g., leak reduction/capture, recovery and recycling of process gases)	-	
7.3.	Use of Alternative Gases (other HFCs, hydrocarbon coolants/refrigerants, etc.) *	-	
<b>RCI-8</b>	<b>GHG EMISSIONS-SPECIFIC GOALS AND POLICIES</b>		
8.1.	Support for switching to less carbon-intensive fuels (coal and oil to natural gas or biomass)	<b>2</b>	<b>Switch to Gas/Biomass</b>
8.2.	Industry-Specific Emissions Cap and Trade Programs *	<b>1</b>	
8.3.	Voluntary emissions targets	-	
8.4.	Small-source Aggregation	-	
8.5.	Negotiated Emissions or Energy Savings Agreements	-	
<b>RCI-9</b>	<b>OTHER</b>		
9.1.	Government Agency Requirements and Goals (including procurement) *	-	
9.2.	Focus on specific market segments: existing homes (weatherization), new construction, apartments, low income, etc. *	<b>2</b>	<b>Demand Side Management Programs and Funding</b>
9.3.	Reinvestment Fund	-	
9.4.	Municipal Energy Management *	-	
9.5.	Focus on Small and Medium Enterprises (SMEs)	-	
9.6.	Industrial ecology/ by-product synergy	-	
9.7.	Industrial and Commercial Energy Efficiency Audits	-	

<b>Option No.</b>	<b>GHG Reduction Policy Option</b>	<b>-</b>	
<b>ES-1</b>	<b>RENEWABLE ENERGY</b>		
1.1.	Environmental Portfolio Standard (renewables and energy efficiency) with renewable energy credit trading	<b>3</b>	<b>Environmental Portfolio Standard</b> <b>6</b>
1.2.	Feed-in tariff for renewable energy	<b>1</b>	<b>Renewables Financial Incentives (Generic)</b> <b>7</b>
1.3.	State purchase of electricity through green power renewable resources programs	<b>1</b>	
1.4.	Financial incentives for renewable energy (e.g., payback buydown, production tax credits, PBF fund, etc.) e.g. PBF funds	<b>4</b>	<b>Renewables Financial Incentives (Generic)</b> <b>7</b>
1.5.	Renewable energy development issues (zoning, siting, etc.)	<b>3</b>	<b>Renewables Development Issues (Generic)</b> <b>8</b>
1.6.	Support for Energy Storage Technologies	-	
1.7.	Renewable energy research and development (R&D)	-	
1.8.	Landfill gas recovery (see also Waste TWG) *	<b>2</b>	<b>Landfill Gas Recovery</b> <b>17</b>
1.9.	Support for Solid Waste to energy (see also Waste TWG)	-	
1.10.	Support for community scale power	<b>2</b>	<b>Support for Community-scale Power</b> <b>18</b>
1.11.	Support for Utility Scale Wind	<b>5</b>	<b>Wind-specific support measures</b> <b>9</b>
1.12.	Support for Biomass Energy	<b>2</b>	<b>Biomass-specific support measures</b> <b>10</b>
1.13.	Support for Existing Hydroelectricity	<b>4</b>	<b>Hydro-specific support measures</b> <b>11</b>
1.14.	Support for Distributed PV development	<b>1</b>	

1.15.	Support for Geothermal energy	-	
<b>ES-2</b>	<b>DISTRIBUTED GENERATION (DG)</b>		
2.1.	Incentives for eligible combined heat and power (CHP) and Distributed Generation	<b>3</b>	<b>Combined Heat and Power</b>
2.2.	Removing barriers to eligible CHP and DG (including utility contracting barriers, financing, information, private wires, etc.)	<b>2</b>	<b>Combined Heat and Power</b>
2.3.	Incentives to recycle waste energy (e.g., waste heat and/or pressure recovery)	-	
2.4.	Interconnection rules for eligible distributed generation*	-	
2.5.	Support for district energy	-	
<b>ES-3</b>	<b>ADVANCED FOSSIL FUEL MEASURES</b>		
3.1.	Incentives for advanced coal, including IGCC and carbon capture and storage (CCS)	<b>1</b>	
3.2.	Incentives for Fuel Cell Research Development and Commercialization	<b>1</b>	
3.3.	Combined H2/electricity production from fossil fuels with sequestration	<b>1</b>	
3.4.	Research and Development (R&D) for advanced fossil measures	<b>1</b>	
<b>ES-4</b>	<b>NUCLEAR</b>		
4.1.	New Nuclear Capacity and Licensing	<b>2</b>	<b>Nuclear-specific support measures</b>
4.2.	Nuclear Plant Relicensing or Re-contracting	<b>4</b>	<b>Nuclear-specific support measures</b>
4.3.	Nuclear Plant Upgrading *	<b>3</b>	<b>Nuclear-specific support measures</b>
<b>ES-5</b>	<b>EMISSIONS POLICIES</b>		
5.1.	Generation Performance Standards	-	
5.2.	GHG Cap and Trade *	<b>4</b>	<b>GHG Cap and Trade</b>
5.3.	CO2 Tax	<b>2</b>	<b>CO2 tax</b>

5.4.	GHG offset/mitigation requirements for new power plants	<b>1</b>	
5.5.	Voluntary utility CO2 targets	-	
<b>ES-6</b>	<b>OTHER ELECTRICITY MEASURES</b>		
6.1.	Innovative rate design	<b>2</b>	<b>Innovative Electricity rates</b>
6.2.	Advanced metering	<b>1</b>	<b>Innovative Electricity rates</b>
6.3.	Integrated Resource Planning (IRP) *	-	
6.4.	Performance Based Utility Regulation*	-	
6.5.	Encouraging Long-term contracts with low-emission resources	<b>2</b>	<b>Renewables Financial Incentives (Generic)</b>
<b>ES-7</b>	<b>TRANSMISSION AND DISTRIBUTION (T&amp;D)</b>		
7.1.	Support infrastructure to support distributed renewable Energy	<b>1</b>	
7.2.	Upgrade transmission system *	<b>2</b>	<b>Improve T&amp;D</b>
7.3.	Reduce transmission and distribution line losses	<b>1</b>	<b>Improve T&amp;D</b>
7.4.	Efficiency and renewable spending (supplemental to other initiatives) targeted to T&D constrained areas	-	
<b>ES-8</b>	<b>OIL &amp; GAS PRODUCTION</b>		
8.1.	Reducing methane emissions from distribution (e.g., green completions, leak reduction, etc.)	<b>1</b>	
<b>ES-9</b>	<b>EDUCATION/AWARENESS</b>		
9.1.	Environmental (emissions) disclosure	<b>2</b>	<b>Environmental Portfolio Standard</b>
9.2.	Public education	-	