



Cross-Cutting Issues (CC) Technical Work Group
Catalog of State Climate Mitigation Options
Draft Version 3d – July 11, 2006

Definition of “Priorities for Analysis”:

- **High:** High priority options will be analyzed first.
- **Medium:** Medium priority options will be analyzed next, time and resources permitting.
- **Low:** Low priority options will be analyzed last, time and resources permitting.

Notation of Options:

- * Options marked with an asterisk (*) indicate options that are at least partially “base case” policies, i.e., that have been considered or undertaken at some level in North Carolina.
- ** Options marked with a double asterisk (**) indicate options that are included as recommendations in the September 1, 2005 NC DENR Report under the Clean Smokestacks Act of 2002.
- *** Options marked with a triple asterisk (***) indicate options that are included as recommendations made to the North Carolina Legislative Commission on Global Climate Change (LCGCC)

Option Number	Climate Mitigation Option	Priority for Consideration	Feasibility Considerations	Notes
CC-1	INVENTORIES AND FORECASTING			
1.1	Establish GHG emission inventory function at DAQ	•	•	• (CSA recommendation for permitted sources moved to CC-2.)
1.2	Establish GHG emissions forecasting function within State Government	•	•	•
CC-2	REPORTING			
2.1	Establish a GHG reporting program	•	•	<ul style="list-style-type: none"> • (Follows on CSA recommendation A-4.) • (Details about who, what, when, etc. will be addressed in the design characteristics matrix.) • This will address Dr. Rubin's recommendation to the LCGCC for mandatory GHG reporting***
CC-3	REGISTRY			
3.1	Establish a GHG registry for NC (possibly in concert with other states)	•	•	<ul style="list-style-type: none"> • (Referenced in CSA Rec. A-4) • Note: Cap and trade system per Dr. Rubin's recommendation to the LCGCC may be considered under this option***
CC-4	EDUCATION <i>(This general option to be discussed further re direction & organization.)</i>			
4.1	Reinforce sources of GHG, need for State Energy Plan implementation**	•	•	• From Recommendation LT -2 in the Sept. 1, 2005 CSA report.
4.2	Promote clean fuel technologies**	•	•	•
4.3	Promote energy-tech economic development**	•	•	•

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4.4	Promote R&D & demo projects for economic development**	•	•	•
4.5	Extend training programs for RCI building operators**	•	•	• From “Recommendation A-1” and “Recommendation LT-1” in the Sept. 1, 2005 CSA report.
4.6	Public education initiatives**	•	•	• From “Recommendation A-7” in the Sept. 1, 2005 CSA report and State Energy Plan (SEP).
4.7	Promote green power in order to expand subscription**	•	•	• From “Recommendation A-5” in the Sept. 1, 2005 CSA report.
4.8	Promote combined heat and power (CHP) in order expand its use and technological penetration**	•	•	• From “Recommendation A-1” in the Sept. 1, 2005 CSA report.
4.9	Require environmental disclosure on utility bills**	•	•	• From Appendix C – January 2005 Revisions to the State Energy Plan (SEP), Alternative Energy Sources: Exec-10
4.10	Promote local farm produce**	•	•	• Appendix D – Preliminary Analysis of Selected Policy Options: Agriculture and Forestry, Support Local Farming/Buy Local
4.11	Augment existing education efforts**	•	•	• From “Recommendation A-7” in the Sept. 1, 2005 CSA report and State Energy Plan (SEP).
4.12	Add GHG to Air Awareness efforts**	•	•	• From “Recommendation A-7” in the Sept. 1, 2005 CSA report and State Energy Plan (SEP).
4.13	Provide information that helps inform sources of the potential advantages of registering GHG emission reductions	•	•	• From “Recommendation A-4” in the Sept. 1, 2005 CSA report.

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4.14	Encourage cities to join ICLEI's ¹ Cities for Climate Protection program	•	•	•
4.15	Encourage cities to join the U.S. Mayors Climate Protection Agreement ²	•	•	•
4.16	Technology Options***	•	•	<ul style="list-style-type: none"> • From Dr. Rubin's recommendations to the LCGCC: <ul style="list-style-type: none"> • Direct Government funding of R&D (<i>may be more appropriate at federal level</i>) • Direct or Indirect support for commercialization and production; Indirect support for development (<i>may be more appropriate at federal level</i>) • Support for learning and diffusion of knowledge
CC-5	ADAPTATION			
5.1	Recommend an approach for NC to identify and plan for potential, long-term effects of climate change on society	•	•	• CAPAG noted the need to include all effects and impacts.
CC-6	OPTIONS FOR GOALS OR TARGETS (IN SUPPORT OF THE LEGISLATIVE COMMISSION ON GLOBAL CLIMATE CHANGE [LCGCC])			
6.1	Assist CAPAG in framing and data analysis of possible statewide GHG reduction goals or targets	•	•	•

¹ See www.iclei.org.

² See <http://www.ci.seattle.wa.us/mayor/climate/>.