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**Cross-Cutting Issues Technical Work Group
Summary List of Pending Policy Options**

	Policy Option	GHG Reductions (MMtCO ₂ e)			Net Present Value 2007–2025 (Million \$)	Cost-Effectiveness (\$/tCO ₂ e)	Status of Option
		2010	2025	Total 2007-2025			
CC-1	GHG Inventories, Forecasting, Reporting, and Registry	<i>Not Quantified</i>					Pending
CC-2	Statewide GHG Reduction Goals and Targets	<i>Not Quantified</i>					Pending
CC-3	State and Local Government GHG Emissions (Lead-by-Example)	<i>Not Quantified</i>					Pending
CC-4	Public Education and Outreach	<i>Not Quantified</i>					Pending
CC-5	Tax and Cap Policies	<i>Not Quantified</i>					Pending
CC-7	Participate in Regional and Multi-State GHG Reduction Efforts	<i>Not Quantified</i>					Pending
CC-8	Encourage the Creation of a Business-Oriented Organization to Share Information and Strategies, Recognize successes, and Support Aggressive GHG Reduction Goals	<i>Not Quantified</i>					Pending
CC-9	Dedicate Greater Public Investment to Climate Data and Analysis	<i>Not Quantified</i>					Pending
CC-10	Facilitate the Development of an Effective Carbon Credit System for MN	<i>Not Quantified</i>					Pending
CC-11	Create a Market Advisory Group	<i>Not Quantified</i>					Pending

Note: There is no policy option CC-6, as this catalog option was determined not to be a priority for analysis by the MCCAG.

CC-1. GHG Inventories, Forecasting, Reporting, and Registry

Policy Description

Greenhouse gas (GHG) emissions inventories are essential for understanding the magnitude of all emission sources and sinks (both anthropogenic and natural), for estimating the relative contribution of various types of emission sources and sinks to total emissions, for informing state leaders and the public on statewide trends and in assisting with verifying GHG reductions associated with implementation of action plan initiatives.

GHG forecasts, built on solid inventories, help to predict likely impact scenarios, identify the factors that affect trends over time and highlight opportunities for mitigating emissions or enhancing sinks.

GHG reporting reflects the measurement and reporting of GHG emissions to support tracking and management of emissions. GHG reporting can help sources identify emission reduction opportunities and reduce risks associated with possible future GHG mandates by moving “up the learning curve.” Tracking and reporting of GHG emissions can also help in the construction of periodic state GHG inventories. GHG reporting is a precursor for sources to participate in GHG reduction programs, opportunities for recognition, and a GHG emission reduction registry, as well as to secure “baseline protection” (i.e., credit for early reductions).

A GHG registry enables recording of GHG emissions reductions in a central repository with “transaction ledger” capacity to support tracking, management, and “ownership” of emission reductions; establish baseline protection; enable recognition opportunities; and/or provide a mechanism for regional, multi-state, and cross-border cooperation. Properly designed registry structures also provide a foundation for possible future trading programs.

Policy Design

The CC TWG recommends that the state institute formal GHG inventory and forecast and GHG reporting functions within the Minnesota Pollution Control Agency (MPCA), to be assisted by other state agencies as needed.

Goals:

- Develop a periodic, consistent and complete inventory of emission sources and sinks at least once every two years. To the degree that data and methods allow, the inventory should include all natural and man-made emissions generated within the boundaries of the state (e.g., a production-based inventory approach), as well as emissions associated with energy imported and consumed in the state (e.g., a consumption-based inventory approach). The inventory should, through performance metrics and differences in year-to-year emissions, provide a way of documenting and illuminating trends in state GHG emissions.
- Develop a protocol for use in preparing the statewide emission and sink inventory. This should include a consistent protocol for evaluating the state’s progress in meeting the goals of the Next Generation Act, which should logically form the basis for inventory reporting of electricity sector emissions under a consumption-based approach.

- Biennially provide a summary of statewide emission and sink trends and progress toward the goals of the Next Gen Act to the legislature.
- Develop a periodic, consistent and complete forecast of future greenhouse gas emissions in at least 5 and 10 year increments extending at least 20 years into the future. The GHG forecast should be assembled every three years. The GHG forecast should reflect projected growth as well as the implementation of scheduled mitigation projects. In the forecasting of future GHG emissions, the treatment of uncertainties should be transparent, as consistent as possible across sectors and time and, to the extent possible, reflect multiple scenarios. The estimation methods should be consistent with those used to develop the emission inventory and should reflect best practice.
- Develop a standardized protocol for the periodic forecasting of statewide GHG emissions.

Timing: This function should be implemented as soon as possible as allowed by current funding and enhanced over time.

Parties Involved: All GHG emission sources and sinks (both anthropogenic and natural) should be included in the inventory and forecast.

Other: Not applicable.

The CC TWG recommends that the state develop GHG reporting opportunities for all sources. Mandatory reporting should be required for significant sources as determined by the MPCA. Elements that the MPCA may wish to consider including are:

- Subject to consistently rigorous quantification, opportunity to voluntarily report GHG emissions should be open to all sources (e.g., combustion, processes, vehicles, etc.) using common sense regarding de minimis emissions. In order to encourage GHG mitigation activities from all quarters, reporting should not be constrained to particular sectors, sources, or approaches.
- GHG reporting requirements should be phased in by sectors as rigorous, standardized quantification protocols, base data, and tools become available, and as responsible parties become clear. Mandatory reporting by significant sources as determined by MPCA should eventually be required but entities should be allowed to report GHG emissions voluntarily before mandatory reporting applies to them. The state, municipalities, and other jurisdictions should be allowed to report emissions associated with their own activities and any programs they may implement.
- The goal should be reporting of “organization-wide emissions within the state” but with greatest possible “granularity” in order to facilitate baseline protection.
- Reporting should occur annually on a calendar-year basis for all six traditional GHGs and, to the extent possible, for black carbon.
- Reporting of direct emissions¹ should be required; reporting of emissions associated with purchased power and heat² should be phased in, and voluntary reporting of other indirect emissions³ should be allowed.

¹ Defined as “Scope 1” emissions in the *GHG Protocol*.

² Defined as “Scope 2” emissions in the *GHG Protocol*.

- Every effort should be made to maximize consistency with federal, regional, and other states' GHG reporting programs.
- GHG emissions reports should be verified through self-certification and MPCA spot-checks; to qualify for future registry purposes, reports should undergo third-party verification.
- Mandate reporting of expected increases or decreases of emissions.
- Project-based emissions reporting should be allowed, when properly identified as such and quantified with equally rigorous consistency.
- The reporting program should provide for appropriate public transparency of reported emissions.

The CC TWG notes that the State has joined the effort to develop a national GHG registry through *The Climate Registry*. Being a charter state in this effort should help ensure that Minnesota's needs and priorities are addressed in the course of *The Climate Registry's* development. To the extent that Minnesota's needs may not be fully met by *The Climate Registry*, the State should consider developing supplemental or ancillary registry capacity or opportunity.

Elements to consider include:

- Geographic applicability at least at the statewide level and as broadly (i.e., regionally or nationally) as possible.
- Consider allowing sources to start as far back chronologically as good data exists, as affirmed by an independent third-party verification, and consider allowing registration of project-based reductions that are equally rigorously quantified.
- Incorporating adequate safeguards to ensure that reductions aren't double-counted by multiple registry participants; providing appropriate transparency; and allowing the state to be a valid participant for reductions associated with its programs, direct activities, or efforts.
- Striving for maximum consistency with other state, regional, and/or national efforts; greatest flexibility as GHG mitigation approaches evolve; and providing guidance to assist participants.

Goals: Implementation of a GHG registry for Minnesota sources as soon as possible.

Timing: As soon as possible

Parties Involved: Probably overseen by MPCA; costs shared by participants benefiting from the registry.

Other: [Insert text as appropriate]

Related Policies/Programs in Place

The MPCA has a long-standing program in place for preparing and updating GHG emissions inventories for all sectors and GHG pollutants.

³ Defined as "Scope 3" emissions in the *GHG Protocol*.

CC-2. Statewide GHG Reduction Goals and Targets

Policy Description

NOTE: *All italicized text is meant to reflect only an illustrative example.*

Article 5 of the New Generation Energy Act of 2007 (S.F. 145) establishes goals for Minnesota to reduce statewide greenhouse gas (GHG) emissions across all sectors producing those emissions to a level at least 15% below 2005 levels by 2015, to a level at least 30% below 2005 levels by 2025, and to a level at least 80% below 2005 levels by 2050. The levels shall be reviewed based on the climate change action plan study. In addition, Article 1 of the Act establishes that it is the energy policy of the state of Minnesota that: (1) the per capita use of fossil fuel as an energy input be reduced by 15% by the year 2015, through increased reliance on energy efficiency and renewable energy alternatives; and (2) 25% of the total energy used in the state be derived from renewable energy resources by the year 2025.

Policy Design

TBD – [as approved by the TWG]

Goals: *As noted above.*

Timing: *As soon as possible.*

Parties Involved: *State Government, municipalities, citizen's groups, NGOs, commercial, industrial, and economic sectors.*

Other: [Insert text as appropriate]

Related Policies/Programs in Place

GHG emission reduction goals have been established by Governor Pawlenty and the Minnesota General Assembly.

CC-3. State and Local Government GHG Emissions (Lead-by-Example)

Policy Description

In many areas, Minnesota state government is already leading by example to obtain GHG emission reductions. State and local government is responsible for providing a multitude of services for the public that are delivered through very diverse operations and result in wide-ranging GHG emission activities. State and local government can take the lead in demonstrating that reductions in GHG emissions can be achieved through analysis of current operations, identification of significant GHG sources, and implementation of changes in technology, procedures, behavior, operations, and services provided. State and local governments can also encourage and/or provide incentives to reduce GHG emissions by others in a variety of ways.

The support of broad-ranging goals for GHG reductions for state government through the goals established below and those that already exist through the Interagency Pollution Prevention Advisory Team (IPPAT) will be helpful for setting an example and building expectations, with actual reductions realized at the agency level. Disaggregating the State's own GHG emissions to the agency level and showing the results in the annual IPPAT report on GHG reduction progress is an effective way to measure and manage the State's emissions. A multi-agency group oversees the on-going climate efforts of state agencies, providing direction, guidance, resources, shared approaches, and recognition to agencies and employees working to reduce the State's GHG emissions.

Policy Design

The CC TWG recommends that state and local governments establish GHG reduction targets for their own GHG emissions. The establishment of broad-ranging goals for reducing governments' own GHG emissions will be helpful in both setting an example and building expectations. Actual reductions will typically be realized at the individual agency level, so disaggregating individual government's own GHG emissions to the agency or department level and requiring annual agency- or department-specific reports on GHG reduction progress can be an effective way to measure and manage each government's progress in reducing its GHG emissions. Government agencies or departments first developed agency- or department-specific GHG emissions inventory data. This became the baseline data for ongoing emission reduction activities and measurement, which is summarized in annual IPPAT reports by each agency or department. IPPAT oversees the on-going climate efforts of the government's agencies and departments, reviews their performance, and provides direction, guidance, resources, shared approaches, and recognition to agencies or departments and their employees that are working to reduce the government's GHG emissions.

Goals:

- Each state agency shall, in consideration of its current and projected building stock:
 - Determine and quantify its current and projected energy consumption and associated carbon dioxide emissions from such consumption.

- Develop and propose a plan to reduce its statewide CO₂ emissions associated with its building stock commensurate with its pro-rate share of the statewide CO₂ reduction goals established in the 2007 Next Generation Energy Act.
- Provide the plan to [whom?] by [date].
- Report the agency's progress toward its CO₂ reduction goals in buildings to [whom] on an annual basis.
- Each state agency shall, in consideration of its current and projected transportation stock:
 - Quantify and establish the same goals for transportation stock described above for its building stock.
 - Provide the plan to [whom?] by [date].
 - Report the agency's progress toward its CO₂ reduction goals in transportation to [whom] on an annual basis.

Additionally, the existing directives of IPPAT and the executive orders listed below will be continued and enhanced as deemed appropriate by the MCCAG.

Executive Orders:

04-02, Providing Direction to State Agencies Regarding State Contracting Procedures

04-08, Providing for State Departments to Take Actions to Reduce Air Pollution in Daily Operations (Clean Air Minnesota provisions)

04-10, Providing for State Departments to Improve Fleet and Travel Management

05-16, Providing for Energy Conservation Measures for State-owned Buildings

06-03, Requiring Increasing the Use of Renewable Fuels by State Agencies

Timing: The state's efforts to lead-by-example in reducing its own GHG emissions have already begun through IPPAT's actions and the above-listed executive orders. The baseline information and emission-reductions from the prior years are already recorded. Future annual reports should show further progress in reducing agency GHG reductions.

Parties Involved: Coverage should include all operations of all state agencies and all departments of local governments.

Related Policies/Programs in Place

Descriptions to follow regarding programs of the following entities: Met Council, Minneapolis, St. Paul, 24 other member cities in the U.S. Mayors Climate Protection Agreement, through ICLEI, DOC, EE, CIP, MPCA Sustainability Conference information, Explore Minnesota.

CC-4. Public Education and Outreach

Policy Description

Explicitly articulated public education and outreach can support GHG emissions reduction efforts at all levels in the context of emissions reduction programs, policies, or goals. Public education and outreach is vital to fostering a broad awareness of climate change issues and effects (including co-benefits, such as clean air and public health) among the state's citizens. Such awareness is necessary to engage citizens, businesses and institutions in actions to reduce GHG emissions. Public education and outreach efforts should integrate with and build upon existing outreach efforts involving climate change and related issues in the state. Ultimately, public education and outreach will be the foundation for the long-term success of the policy actions proposed by the MCCAG as well as those which may evolve in the future.

Policy Design

The TWG recommends that the state build upon current educational efforts and action campaigns of state agencies, utilities and non-profit organizations. State agencies, utilities and non-profits understand each others offerings and use these enhanced resources to better educate Minnesota residents and businesses to encourage them to take action.

1. STATE EDUCATION INITIATIVES

Minnesota has a long history of environmental education. The TWG recommends that the state work through existing organizations by encouraging them to incorporate education about climate change and the role of GHG emissions into their existing educational efforts.

The states initiatives should focus on being the primary mechanism for providing mitigation, awareness and understanding of climate change and the role humans play in causing it.

Current Efforts

Environmental Education Advisory Board

The Environmental Education Advisory Board (EEAB) is the state board that guides the direction of environmental education in Minnesota. It was created by the 1990 Environmental Education Act (M.S. 1998, Chap. 115A.072) to promote environmental literacy for all Minnesota citizens. The Board accomplishes this by advising the Governor through the Minnesota Pollution Control Agency, state agencies, organizations and citizens. A major vehicle is the implementation of A GreenPrint for Minnesota: State Plan for Environmental Education (aka GreenPrint). The third edition of the Plan is being revised and it will list 4 or 5 main objectives for the state.

The Board consists of 20 members - eleven citizen representatives and nine government agencies representatives. One citizen member from each of the 8 congressional districts and 3 citizen at-large members comprise the citizen members (2 of the citizen members must be classroom teachers). They serve two-year terms. The Board also has a representative from each of the following: Pollution Control Agency, Department of Education, Department of Agriculture, Department of Health, Department of Natural Resources, Board of Water and Soil Resources,

Environmental Quality Board, Board of Teaching, and the University of Minnesota Extension Service.

Develop an Environmental Learning in Minnesota Fund

The Environmental Learning in Minnesota Fund (ELM) is a current initiative of the Environmental Education Advisory Board. The board is working very hard to develop a fund to provide fiscal resources for environmental education needs in Minnesota. While still at the exploratory stages, the board is currently dialoging with the Minnesota Association for Environmental Education (MAEE) for a potential public/private partnership to manage and administer the fund. Details are still fluid, however it is felt that revolving funding priorities and joint administration would be a part of the final program.

The ELM fund, could provide fiscal resources to enable schools, environmental learning centers, residential environmental learning centers, science museums, colleges and universities, and various local government entities to educate Minnesota citizens and businesses about critical issues in the global warming discussion.

Minnesota Scope and Sequence

The Environmental Literacy Scope and Sequence publication (March 2002, also due for revision in 2008) is designed to help create opportunities for mainstreaming environmental education in a way that has not been possible before. It provides a systems approach to environmental education that can focus the efforts of teachers and other deliverers of education to unify their many independent efforts to achieve the goal of environmental literacy. Because the Scope and Sequence is based on both state and national standards, it enables environmental education deliverers to build, adapt or integrate curriculum and assessments that are most appropriate for their particular grade level or audience.

Sharing Environmental Education Knowledge Partnership

The Sharing Environmental Education Knowledge Partnership (SEEK) is a partnership of over 130 organizations who provide environmental education to Minnesota citizens. The main communication tool for the partnership is a Web site (www.seek.state.mn.us). Included in the Web site are a Resource directory with over 1500 resources, a News area, a Jobs and Internship Area, training opportunities, calendar of statewide activities (for both the public and educators,) Regional pages, and other information areas. SEEK members are non-profit businesses, for profit businesses, municipal, state, and Federal government entities. It is the first stop in information about Minnesota's environmental education community.

2. UTILITY PROGRAMS

Utility conservation improvement programs (CIP) should be strengthened to provide education about specific actions all consumers can take to reduce their energy use and emissions while state programs provide general awareness of the issue, utility programs should lead to direct action.

3. NON-PROFITS

Minnesota non-profits such as the Will Steger Foundation, Fresh Energy, Sierra Club, Center for Energy and Environment have been promoting education and action on climate change for many years. CEE has developed the Minnesota Energy Challenge as a way for people to team up and take action about climate change. The Sierra Club has promoted action on climate change. The

Minnesota Environmental Initiative (MEI) has supported a number of conferences on energy and the environment. MEI also provides environmental education and in conjunction with the Hamline University Center for Global Environmental Education (CGEE) created a program for green fleets. The TWG recommends that the state encourage these actions and not duplicate them.

Goals: The overarching goal is to raise awareness about global warming and promote individual action to reduce the Minnesota's overall CO₂ emissions.

Timing: Public education and outreach efforts should commence now.

Parties Involved: Rather than create a new agency the legislature should include the Department of Commerce (DOC) as a board member of the EEAB and also include GHG education as part of the EEAB mission. The board's membership is prescribed by statute language and this would require legislation. The addition of Commerce to the board would ensure that any energy-related education assisted and/or initiated by the Department of Commerce is represented in a cohesive, coordinated manner, supported by the state plan for environmental education, the GreenPrint. The TWG should also direct the DOC to insure that utility CIP programs include effective energy education and are designed to complement the activities of non-profits.

Other: [Insert text as appropriate]

Related Policies/Programs in Place

TBD – [as needed and approved by the TWG]

CC-5. Tax and Cap Policies

Policy Description

The MCCAG approved as priority policy options for analysis Energy Supply-X (ES-X) (GHG Cap-and-Trade) and ES-11 (Carbon (GHG) Tax). The ES TWG will quantify the emission reductions and costs or cost savings associated with these options. The CC TWG has requested that the ES TWG strongly consider a multi-sector, regional approach in the development of the design elements and quantification of these options.

Awaiting draft from ES TWG to review.

May be addressed by new Cap and Trade TWG.

CC-7. Participate in Regional and Multi-State GHG Reduction Efforts

Policy Description

Regional approaches undertaken in collaboration with partner states or other organizations can offer broader and more economically efficient opportunities to reduce GHG emissions across Minnesota's economy. There are several options for regional, market-based GHG reduction strategies which should be considered in Minnesota such as: joining the Western Climate Initiative (WCI), joining the Northeast States Regional Greenhouse Gas Initiative (RGGI), or instituting a new Midwestern states GHG initiative. Additional examples might include consideration of the California vehicle standards, cost sharing on multi- state initiatives, etc.

Policy Design

Goals: Ensure the cost effective reduction of GHG emissions to at least the reduction levels set forth in Minnesota statute, in a manner that maximizes public benefits and induces innovation in energy efficiency and sustainable energy technologies and avoids inequitable impacts.

Timing: By February 1, 2008, the Administration must report to the legislature on its investigation into regional GHG reduction opportunities. By August 1, 2009 Minnesota should either join an existing GHG reduction initiative or, institute and join a new Midwestern states GHG initiative that will ensure that Minnesota achieves the goal, as stated above.

Parties Involved: The Governor and administration staff should implement the legislative directive (see below) and inform the chairs and ranking minority members of the legislative committees with jurisdiction over energy and environmental finance and policy.

Other: [Insert text as appropriate]

Related Policies/Programs in Place

Next Generation Energy Act, S.F. No. 145, Article 5, Sec. 2, Subd. 6 (Regional activities). See above.

CC-8. Encourage the Creation of a Business-Oriented Organization to Share Information and Strategies, Recognize successes, and Support Aggressive GHG Reduction Goals

Policy Description

Successful state GHG reduction efforts are highly dependent on active participation of the business community, particularly in the energy, agriculture, transportation, development and manufacturing sectors. In Minnesota, there are many progressive corporations that are anxious to participate in broad-scale efforts to reduce GHG emissions. In order to facilitate a strategic approach that has a significant impact, a statewide pro-active business organization should be formed to promote energy efficiency and GHG reduction opportunities.

Policy Design

Goals: The Next Generation Energy Act of 2007 established general goals for GHG emissions reduction and an aggressive specific annual goal of reducing energy consumption by 1.5%. A new business strategy that aggressively promotes options to improve energy efficiency by Minnesota's businesses will help achieve these goals.

Timing: As soon as possible.

Parties Involved: The Minnesota Chamber of Commerce (Chamber), energy utilities, the Minnesota Department of Commerce (DOC), energy conservation experts and individual businesses around the state.

Other:

Related Policies/Programs in Place

Energy utilities' Conservation Improvement Programs.

Minnesota Waste Wise

Energy Star

CC-9. Dedicate Greater Public Investment to Climate Data and Analysis

Policy Description

In order to calibrate greenhouse gas mitigation policies, it is critical that decision makers and the citizens of Minnesota understand how climate change is impacting and will in the future impact natural resources and economic activity in the state. Much of the data and information needed to make such an assessment is being collected by various departments and entities in the state. The Department of Natural Resources, the Pollution Control Agency, the Department of Agriculture and the Department of Employment and Economic Development should assess and identify the gaps in on-going data collection that would need to be filled in order to monitor, track and assess climate change impact in Minnesota. The departments should develop recommendations for filling these data gaps and suggest the best approach (possibly under the coordination of the University of Minnesota) for conducting a periodic assessment of how intensely is Minnesota being affected by climate change and how intensely is it likely to be affected in the future.

Policy Design

Goals: Develop plan for accomplishing a periodic assessment of the ongoing and projected impacts of climate change on Minnesota natural resources, settlement and economic activity. The assessment would focus on but not be limited to impacts to water resources and quality, air quality, landscape change, forest resources and health, ecosystem health, species diversity, fish and wildlife and their habitats, agricultural productivity, recreation, other amenities, human disease, and settlement. The assessment should treat impacts arising from climate changes of the present and recent past and impacts that are likely or possible 30 to 50 years into the future. The assessment should rely on the best available regional climate data and assessments.

Timing: The recommendations should be developed for submittal to the legislature by January, 2009.

Parties Involved: Minnesota Department of Natural Resources, Minnesota Pollution Control Agency, The Department of Agriculture, the Department of Employment and Economic Development, other state agencies, Federal land managers, academic researchers at public and private universities and colleges in Minnesota.

Other: [Insert text as appropriate]

Related Policies/Programs in Place

TBD – [as needed and approved by the TWG]

CC-10. Facilitate the Development of an Effective Carbon Credit System for MN

Policy Description

GHG reductions from a wide variety of sources and actors could potentially be undertaken in order to participate in offset programs or markets. Minnesota could develop an offset program as a state-led or private effort. Such offsets would be registered using approved protocols or (in the absence of protocols) an application for approval of specific projects on a case-by-case basis. The effectiveness of such offsets is likely to help determine their value and utility for participants; however, the administrative burden and/or transaction costs that could be imposed could have a countervailing (dampening) effect.

Policy Design

Goals: Enable the widest and highest-quality range of offsets to be generated in Minnesota, with the applicability of such offsets to be determined as state, regional, national and international GHG reduction efforts continue to develop. Criteria for such an offset system in MN might include those described in the cap and trade webinar (real, surplus (additional), verifiable, permanent and enforceable).

Timing: By January 1, 2009, establish an offset program including at least the major sectors for which existing GHG emission reduction protocols exist or are developed for use by Minnesota entities.

Parties Involved: MN Department of Commerce and MN Pollution Control Agency, with offset program tracking and administration housed with the same agency structure as envisioned for the State's participation in the Climate Registry. A stakeholder and public comment process should be employed during 2008 to determine types of offsets and relevant protocols for inclusion.

Other: Consider a State purchase of offsets using an RFP process to jump start the market, versus strong advocacy for rapid development of national or regional offset systems.

Related Policies/Programs in Place

Climate inventories and registries; county or municipal offset efforts.

CC-11. Create a Market Advisory Group

[Note: This option may overlap with elements of ES-X (GHG Cap-and-Trade) and ES-11 (Carbon (GHG) Tax). The CC TWG will coordinate with the ES TWG to ensure consistency and to avoid duplication of effort during development of CC-11.]

Note: additionally, this Option may be addressed by the new Cap and Trade TWG. The CC- TWG would like to remain involved in reviewing this option and explore if the scope of such a group can be broader than just cap and trade.

Policy Description

The CC TWG recommends that the MCCAG consider establishment of a “Market Advisory Group” consisting of experts to provide guidance to the state on the design of market-based compliance programs to manage GHG emissions. The State of California has formed a Market Advisory Committee (MAC) to help formulate a GHG Cap and Trade system in California. The California MAC has formulated a set of guiding principles and has developed an initial set of recommendations for a California Cap-and-Trade program. It is recommended that Minnesota evaluate the MAC to determine if it can be used as an example for developing a “Market Advisory Group” for Minnesota to provide expert guidance to the state on design of market-based compliance programs to manage GHG emissions.

Policy Design

TBD – [as approved by the TWG]

Goals: [Insert text as appropriate]

Timing: [Insert text as appropriate]

Parties Involved: [Insert text as appropriate]

Other: [Insert text as appropriate]

Related Policies/Programs in Place

TBD – [as needed and approved by the TWG]