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Draft Catalog of State GHG Reduction Policy Options

Prepared by the Center for Climate Strategies (CCS) for the Montana Climate Change Advisory Committee (CCAC) and its Scientific Advisory Panel (SAP) and Technical Work Groups (TWGs) based on actions undertaken or considered in US states.

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 will be marked with an asterisk (*) at a later date to indicate options that are at least partially “base case” policies, i.e., that have been considered or undertaken at some level in Montana.

Table 5 - Cross Cutting Issues (CC)

| Option No. | GHG Reduction Policy Option | Priority for Consideration | Feasibility Considerations | Notes |
|-------------------|---|-----------------------------------|-----------------------------------|--------------|
| CC-1 | GHG INVENTORIES AND FORECASTING | | | |
| 1.1 | Establish & fund a GHG emission inventory and forecasting function | • High | • | • |
| | | • | • | • |
| CC-2 | GHG REPORTING | | | |
| 2.1 | Establish a GHG reporting program | • High | • | • |
| | | • | • | • |
| CC-3 | GHG REGISTRY | | | |
| 3.1 | Establish a GHG registry for MT (possibly in concert with other states) | • High | • | • |
| | | • | • | • |
| CC-4 | PUBLIC EDUCATION AND OUTREACH | | | |
| (4.1) | Undertake a substantial, ongoing effort to educate multiple targeted audiences about climate change and related actions | • High | • | • |
| 4.1. | State Government Education and Outreach Actions The State should lead by example (i.e., walk the talk) regarding education and outreach. | | | |
| | | • | • | • |
| 4.2. | Target Audience: Policymakers (legislators, regulators, executive branch, agencies) Implementation of climate actions hinges on policymakers' approval. | | | |
| | | • | • | • |
| 4.3. | Target Audience: Future Generations Integrate climate change into educational curricula, post-secondary degree programs, and professional licensing. | | | |
| | | • | • | • |

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|---|--|----------------------------|----------------------------|--|
| 4.4. | Target Audience: Community Leaders & Community-Based Organizations (e.g., institutions, municipalities, service clubs, social & affinity groups, NGOs, etc.) Recognize leadership; share success stories & role models; expand involvement and participation; within civic society. | | | |
| | | • | • | • |
| 4.5. | Target Audience: General Public Increase awareness and engage in climate actions in personal and professional lives. | | | |
| | | • | • | • |
| 4.6. | Target Audience: Industrial & Economic Sectors Sector-specific climate change education and outreach. | | | |
| | | • | • | • |
| CC-5 ADAPTATION | | | | |
| 5.1. | Recommend an approach for Montana to identify and plan for adapting to potential effects of climate change on society | • Low | • | • Deemed lower priority by CC TWG in Call 3. |
| | | • | • | • |
| CC-6 GHG REDUCTION GOALS AND TARGETS | | | | |
| 6.1. | Consider establishing goals or targets for statewide GHG emission reductions | • High | • | • |
| | | • | • | • |
| CC-7 STATE GHG EMISSIONS (Lead by Example) | | | | |
| 7.1. | Establish targets for reductions in the State’s own GHG emissions | • High | • | • |
| 7.1.1. | Disaggregate the State’s own GHG emissions to the agency level and require annual agency-specific reports on GHG reduction progress. | • | • | • |

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|------------|---|----------------------------|----------------------------------|---|
| 7.1.2. | Create a multi-agency body to oversee on-going state climate efforts. | • | • | • |
| 7.2. | Institute climate-neutral bonding for government construction projects. | • High | • Move to RCI for quantification | • Recommended for addition to the Catalog by the CC TWG in Call 3. Moved to RCI catalog as requested by CCAC in Mtg 3 |
| 7.3. | Require GHG Emissions Assessments as part of Environmental Impact Statements. | • High | • | • Recommended for addition to the Catalog by the CC TWG in Call 3. |
| 7.4. | Consider joining CCX | • | • | • TWG to consider as requested by CCAC in Mtg #3. Moved from CC-3.2 to CC-7.4 per agreement of the CC TWG and CCAC at Mtg #4. |