

SAMPLE DRAFT MITIGATION OPTION TEMPLATE

AFW-x Policies to Promote Ethanol Production

Mitigation Option Description

Trees, crops and other plants convert atmospheric carbon to carbohydrate or fiber stocks that can be converted to liquid fuels, such ethanol. The use of these renewable, biological fuels can offset fossil fuel use and reduce associated net carbon dioxide emissions. Production incentives for the conversion of crops, forest sources, animal waste and other sources to ethanol through existing or new technologies can increase the level of ethanol use in future markets.

Mitigation Option Design

- **Goals:** Several projects are being proposed in Montana that would result in the production of x million gallons of ethanol annually in Montana by 200x. Production incentives could increase this amount by x% beyond expected levels in 20xx, and x% by 20xx.
- **Timing:** Startup in 20xx and ramp up to higher levels in 20xx and 20xx, consistent with goals.
- **Coverage of parties:** Suppliers of feedstocks, ethanol producers and distributors. Associated agencies would include: xxx...
- **Other:** As needed, identify incentives that encourage the growing and supply of feedstocks, and the utilization of ethanol in transportation markets across the state.

Implementation Mechanisms

TBD

Related Policies/Programs in Place

TBD

Types(s) of GHG Reductions

Net reduction in CO₂ emissions.

Estimated GHG Savings and Costs per MtCO₂e

TBD

- **Data Sources:** TBD
- **Quantification Methods:** Full life cycle analysis with supply/demand equilibrium adjustments.

- **Key Assumptions:** TBD

Key Uncertainties

TBD

Additional Benefits and Costs

TBD

Feasibility Issues

TBD

Status of Group Approval

TBD

Level of Group Support

TBD

Barriers to Consensus

TBD