

Summary of CSM Subcommittee Priority Strategies and Actions

Transportation Priority Strategies/Actions

Pathway: Light Duty Fleet Electrification

- Adopt the CA Advanced Clean Cars II regulations for light duty vehicles.
- Expand & redesign point-of-sale purchase incentives for new and used electric vehicles (EVs), high efficiency vehicles and E-bikes.
- Implement a vehicle efficiency price adjustment policy with sensitivities for low-income and business use.
- Fund build out of charging infrastructure, prioritizing multi-family and workplace charging.
- Direct the Public Utilities Commission (PUC) to develop beneficial EV charging rates to incentivize EV adoption.
- Participate in the TCI-Program with complementary policies to ensure equity.
- Fund driver education about electric and high efficiency transportation.

Pathway: Heavy-Duty Vehicle Electrification

- Adopt CA Advanced Clean Trucks, Low NOx Omnibus, and Greenhouse Gas Phase II rules.
- Fund incentives for electric auxiliary systems and installation of electrified parking spaces.
- Participate in the TCI-Program with complementary policies to ensure equity.

Pathway: Reduce Vehicle Miles Traveled (VMT)

Increase state, regional & local government capacity to plan for VMT reductions and sustainable transportation strategies

- Require VTrans to create a State Sustainable Transportation Implementation Plan, expand investments in transportation choices and invest in Regional Planning Commissions, municipalities etc. to implement.

Pathway: Lower carbon intensity of fuels

- Participate in the TCI-Program with complementary policies to ensure equity.

Pathway: Effective administration and coordination

Increase state government and community partner capacity

- Create a climate director position in the executive branch to lead interagency entity that oversees CAP implementation and invest in government and community partner capacity.

Buildings Priority Strategies and Actions

Weatherization Initiative

- Adopt legislation/administrative authority and funding (recommended by Wx Working Group) to reach 120,000 buildings by 2030 with a focus on frontline and impacted communities.
- Coordinate workforce development to support implementation of increased weatherization goal.
- Develop programs to provide financial navigation services to low- and moderate-income Vermonters.
- Require on-bill financing tariffs by electric and gas utilities.

Rental property Efficiency Standard

- Adopt efficiency standard for rental properties with a focus on those properties in most in need of upgrades and occupied by low- and moderate-income households.

Improve energy performance of all new buildings

- Regularly update state-wide residential building energy codes to achieve net zero energy buildings by 2030.
- Develop and fund an Energy Code Circuit Rider for training and enforcement.

Implement a Clean Heat Standard

- Authorize the PUC to administer a Clean Heat Standard.

Transition water heater market to allow utility control

- Require all water heaters for sale to have a modular demand response communications port, coordinate with neighboring states.

Other Non-Energy Emissions Priority Strategies and Actions

Pathway: Reduce Emissions of High Global Warming Potential (HGW) Refrigerants

Adopt a Refrigerant Management Program (similar to CA) and related actions

- Reduce emissions of HFCs in the industrial processes sector through adoption of a Refrigerants Management Plan.
- Require and provide cost share for installation of permanent leak detection systems on refrigerant systems over a certain size.
- Provide incentives to speed the transition from high GWP refrigerants to lower GWP alternatives.

Pathway: Reduce Process Emissions from Semiconductor manufacturing

- Work with Global Foundries to implement technologies for the destruction of high GWP gases in the semiconductor manufacturing process as proposed by Global Foundries through the ongoing PUC proceeding, or in the absence of a PUC order that addresses

emissions reductions, ANR should develop emissions limits for semi-conductor manufacturers under its existing rulemaking authority.

Pathway: Reduce Fugitive Emission from Wastewater Treatment Facilities (WWTF)

- Ensure existing flares at wastewater treatment facilities are operational and maintained to reduce emissions of methane from the facilities

Electricity Sector Priority Strategies and Actions

100% Carbon-free or Renewable Energy Standard (RES) by 2050

- Move from 75% RES to 100% Carbon-free or RES.

Electrification for All

- Develop coordinated programs for implementation of 200-amp service upgrades and related services.

Expand on existing programs and policies for load management and grid optimization

- Support direct utility load control programs.
- Encourage utilities to offer dynamic rates for customers.