

Vermont Climate Action Plan Recommendation

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Vermont Climate Action Plan – pg 103

- Electricity Pathways for Mitigation
 - Pathway 1: Further decrease GHG emissions from electric sector purchases
 - Strategy 1 – 100% Carbon-free or Renewable Electricity
 - “Vermont should develop **100%** carbon free or renewable electric portfolio standard to ensure progress continues into the 2030s and beyond while being mindful of the economic impact on cost-burdened Vermonters and maintaining the cost-effectiveness of fuel-switching to electric measures.”
 - “Vermont’s current RES aims to achieve 75% renewable resources annually by 2032; the accompanying analysis by Cadmus indicates that the current RES is adequate to meet the GWSA goals for 2025 and 2030.”

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- Electricity Pathways for Mitigation
 - Pathway 1: Further decrease GHG emissions from electric sector purchases
 - Strategy 1 – 100% Carbon-free or Renewable Electricity
 - “Vermont must move toward a fully clean electric portfolio that strongly support new resources designed to displace fossil-fuel-fired generation in the region, not just existing.”
 - “Regardless of the eventual design, a legislative requirement that Vermont’s utilities have power supply portfolios that are 100% carbon free by 2030* will reduce electric sector emissions and enable deeper carbon reductions associated with electrification in the transportation and thermal sectors.”
 - *Moving to 100% clean electricity portfolio by 2030 would align with the GWSA 2030 timeframe; however, under Vermont’s current GHG inventory a later date, such as the 2032 compliance date currently in the Vermont RES, also would allow Vermont to meet its overall emissions reduction goals.

Definitions

- “Carbon-free” is not currently defined in VT statute
- It generally means energy generation that produces no carbon emissions.
 - This usually includes nuclear power and hydropower.
 - It may or may not include energy produced using biomass.