

Nelson Energy Committee - 2022

Vision

Through the efforts of the Nelson Energy Committee, the Town of Nelson will reduce energy consumption and greenhouse gas emissions by municipal buildings and vehicles/equipment. Town residents will receive information that encourages them to make similar reductions.

Mission

The Nelson Energy Committee:

- Studies the energy needs of town-owned buildings, vehicles, and equipment
- Analyzes the technologies that are available to meet those needs using "green" energy (as NH defines Class 1* renewable energy).
- Composes RFPs and Warrant Articles that recommend the purchase and installation of energy production and consumption systems, for consideration by the Nelson Legislative Body
- Shares knowledge and experience with the Nelson Selectboard and the Nelson community

Goals

- To reduce purchased non-renewable energy consumption by municipal buildings by 90% by the year 2030.
- To reduce consumption of fossil fuels by town vehicles by 50% by 2035.
- To achieve 100% Tier 1 renewable electricity for municipal buildings by 2030 and 100% renewably-sourced energy for heating, transportation, and all other energy needs by 2050.

*NH PUC Definition: Class I is divided between thermal and non-thermal renewables:

- Class I non-thermal electricity, from generators that came online after January 1, 2006: wind, solar, small hydroelectric, methane (biologically derived such as from anaerobic digestion of organic materials), biomass, hydrogen (from methane or biomass), ocean thermal, current, tidal or wave energy and also biodiesel (if produced in-state).
- Class I thermal energy, from generators that came online after January 1, 2013 (and are producing thermal energy rather than electricity): geothermal, solar thermal, biomass and methane.