

The Earth's Climate is Changing

The Earth's climate is getting warmer. Climate change is being driven by the release of greenhouse gases (GHGs) into the atmosphere from the combustion of fossil fuels and land use change.

The effects of climate change include rising sea levels, severe weather events, more hot days, health, food, and economics impacts.

Scientists warn that climate change is already underway. To avoid the most catastrophic effects, we must immediately begin to reduce GHG emissions to reach net zero emissions by 2050 (IPCC 2021).



For more information:

www.concordnh.gov/1164/Energy-Environment-Advisory-Committee



RENEWABLE CONCORD: Concord's 100% Renewable Energy Goal



August 2021

Concord Energy & Environment
Advisory Committee



The Goal:

100% Renewable Energy for Concord by 2050

In July 2018, Concord, NH committed to 100% renewable energy by 2050, by unanimous vote of the City Council. Specifically, Concord committed to:

- **2030**—100% of **electricity** in Concord will be from renewable sources
- **2050**—100% of **thermal energy** (heating and cooling) and **transportation** fuel will be from renewable sources



Benefits of Renewable Energy

- Local jobs
- Reduced energy costs
- Local control over energy destiny
- Better health outcomes and reduced healthcare costs
- Economic growth
- Reduced GHG emissions
- Local action to address climate change

A Growing Movement

- Over 180 U.S. cities have committed to 100% renewable energy (RE) (6 in NH)
- Counties, states, and even countries have made 100% renewable commitments
- Over 300 global companies have made RE commitments (theRE100.org)
- At least 130 businesses have adopted the NH Clean Energy Principles (NHBSR.org)

What Can You Do ?

- Engage and coordinate with your community's RE efforts
- Talk with your government representatives about your support for renewable energy policy
- Improve the energy efficiency of your home or business
 - Weatherize your home
 - Install LED lightbulbs
 - Use energy efficient appliances (EnergyStar.gov)
- Reduce fossil fuel consumption in your home or business
 - Solarize; or
 - Select a renewable energy supplier (<https://unitil.com/energy-for-residents/electric-information/energy-supply-options/choosing-energy-supplier>)
- Transportation
 - Bike, walk, and carpool more
 - Consider a hybrid or electric vehicle for your next car
 - Fly less