

# ENERGY AND CLIMATE COMMITTEE

Keene's Energy and Climate Committee has worked with **community partners** like the Monadnock Sustainability Hub and Keene's Clean Energy Team to **educate residents** and **businesses** on switching to renewable energy.

- Downtown Business **Energy Audits** with Eversource
- **Energy Fairs** and **Energy Weeks** with the Monadnock Sustainability Hub and Others
- Button Up **Workshops** with the Clean Energy Team
- Drive Electric **Events**
- Solar and Energy Efficiency **Coaching**



## HOW CAN YOU MAKE A DIFFERENCE?

To reach these energy goals, we need Keene **residents, businesses,** and the **community** at-large to **take action** as well. Here are some things you can do today to move toward clean renewable energy and maybe even save some money!

- See if your home qualifies for an energy audit and energy savings improvements from NH Saves: **EnergyAudit.NHsaves.com**
- Switch to Keene Community Power and opt up to 100% renewable energy: **KeeneCommunityPower.com**
- Install solar or energy efficiency coaching sessions for your business: **HannahGrimes.com/workshops-seminars/monadnock-business-solar-coaching-program**
- Get a quote for installing energy-efficient heat pumps (NH Saves has rebates!)
- Leave the car at home and walk or bike and attend a Button Up Workshop!

Find comprehensive resources at **KeeneEnergyPlan.com**



KEENE



@ CommunityDevelopment@KeeneNH.gov

☎ (603) 352-5440

📍 3 Washington Street, Keene, NH 03431

Downtown Keene



## Renewable Energy Goals

*in Keene, NH*

### Our Climate is Changing

Climate change is a major shift in Earth's climate, leading to more extreme weather, rising sea levels, and threats to our ecosystems and built environment. By reducing our energy use and switching to renewable sources, we can help slow down climate change and protect our planet for future generations.

Downtown Keene





## RENEWABLE ENERGY GOALS

The City of Keene has set aggressive renewable energy goals to ensure our community is resilient and sustainable.

- **100%** of electricity consumed in Keene will come from renewable energy sources **by 2030**.
- **100%** of thermal energy and energy used in transportation will come from renewable energy **by 2050**.

## WHY DOES RENEWABLE ENERGY MATTER?

Switching our energy consumption to renewable energy is essential for Keene’s future. By switching to clean energy, we’re not just protecting the environment – we’re ensuring the health and well-being of the community. Local, reliable, and affordable energy is crucial to maintaining a thriving community. Together, we can create a brighter, greener future for everyone in Keene.

## THE ROADMAP TO 100% RENEWABLE ENERGY

Keene’s Energy Plan is broken into 3 actionable categories involving electricity, heating & cooling (thermal energy), and transportation.



### Electricity

- 1.Reduce electricity use for buildings in all sectors.
- 2.Increase renewable energy generation and storage.
- 3.Procure renewable energy to meet remaining electricity demand.



### Thermal Energy

- 1.Reduce thermal energy use for buildings in all sectors.
- 2.Increase local renewable energy generation and storage.
- 3.Encourage fuel switching to renewable sources.



### Transportation Energy

- 1.Reduce the total vehicle miles traveled in Keene.
- 2.Promote the shift to electric and other alternative fuel vehicles.
- 3.Promote efficient growth patterns.

## WHAT IS THE CITY OF KEENE DOING TO REACH THESE GOALS?

The City of Keene has taken several key steps toward our renewable energy goals:

- The City of Keene generates over 2.4 million kWh of solar electricity each year – enough to offset a majority of the City’s total municipal electric needs. For example, the City installed a 1.36 MW solar array at the Wastewater Treatment Plant and a 643.2 kW solar array on the municipal complex located at 350-400 Marlboro Street.
- In June 2023, the City launched the Keene Community Power program to offer a competitive electricity option to Keene ratepayers and increase the amount of renewable energy used in Keene.
- The City continues to work on building out a convenient and robust transportation network that prioritizes the safety of all users, with particular focus on vulnerable users such as walkers, people riding bicycles, transit riders, and elderly drivers.