



Bedford2030 Energy Coach Job Description

Bedford 2030 addresses the urgent issue of climate change through the reduction of greenhouse gas (ghg) emissions and preservation of natural resources. We organize a grassroots effort in our community to achieve aggressive climate action goals, an overall 80% emission reduction by 2030 as identified in the Bedford Climate Action Plan. Commercial and residential buildings account for 50% of Bedford's greenhouse gas emissions as of 2017. Empowering home and building owners to learn and make upgrades is critical to achieving our emissions reduction goal.

A Clean Energy Coach helps individuals and small business owners plan their transition off fossil fuels. We are seeking to hire an energy coach that will be a resource for Bedford community members. Building energy upgrades can be foreign, daunting and complex. The energy coach will be responsible for educating and guiding community members in the energy upgrade process. The energy coach will be available to community members **free of charge** to answer specific questions that the community member has about their individual and unique living situation and ways in which they could reduce their energy usage, save on energy costs and ultimately help the environment! The goal of the energy coach is to "coach" the homeowner through energy upgrades and help the homeowner understand the value of these upgrades and paths, funding and resources available to complete them.

Specifically the energy coach should possess an educated layman's knowledge of the following:

- Building Science
- Home Energy Audits
- Home Energy Efficiency Upgrades
 - Including but not limited to: insulating, LED lighting, weather stripping, programmable thermostats
- Air Source Heat Pumps
- Ground Source Heat Pumps
- Heat Pump Hot Water Heaters
- Electric, plug in electric, hybrid vehicles
- Electric vehicle charging
- Residential and small scale solar installs

Knowledge of typical costs and pitfalls with the above measures is also very valuable. The energy coach will need to be comfortable to provide reference materials on those subjects when more in depth knowledge is necessary.

Job Requirements

- An understanding of the action areas listed above
- Understanding what a home energy audit includes and why those elements are of value
- Understanding recommendations made from energy audits, the value of those recommendations and how residents should consider prioritizing recommendations
- Understand, at a high level, NYSERDA incentives and how they "work"
- Being responsive and understanding to each homeowner's depth of knowledge and unique situation
- Being able to communicate complex ideas in a way that is digestible and accessible to people