



# BETA: ROADMAPS

*Reducing the cost, carbon, and complexity of energy for nonprofits.*

## REDUCE ENERGY-RELATED EMISSIONS

The Building Electrification and Transformation Accelerator (BETA): Roadmaps is an initiative supported by MassCEC with the objective of accelerating the electrification and decarbonization of the building segment owned by non-profits and public entities. PowerOptions' Building Decarbonization Roadmap identifies a cost-effective pathway for you to reduce energy-related emissions from your buildings. PowerOptions works with you to capture measures done to date, collect necessary information about the building portfolio, develop goals, and write a roadmap to put you on the path to reaching your goals.

With PowerOptions you have access to consultant-quality expertise at an affordable cost, with an approach developed specifically for the needs of non-profits. Our service is comprehensive, including but not limited to:

- **CONDUCTING AN EMISSIONS INVENTORY**

We begin by calculating an inventory of Scope 1 emissions (on-site emissions from burning of fuels) and Scope 2 emissions (emissions from purchased electricity or heat), making sure to leverage any previous work you may have done. This includes analyzing the electricity and natural gas usage and costs for all the buildings in your scope to determine benchmark energy usage and opportunities for efficiency improvements.

- **IDENTIFYING DECARBONIZATION STRATEGIES**

For each of your buildings, PO will develop a timeline (and associated costs) for making your buildings more efficient, switching to heat pumps, and installing on-site solar photovoltaics. For buildings not suited for solar, the roadmap will include options for off-site solar and/or the purchase of RECs (Renewable Energy Credits).

- **SETTING GOALS AND ANALYZING PERFORMANCE**

We set measurable and realistic carbon reduction targets for your portfolio of buildings, and track performance using PowerOptions' interactive data platform. Our energy team also offers support in implementing the roadmap.

To learn how PowerOptions can help your organization develop and implement sustainability goals, as well as optimize energy management and costs for your buildings, contact Program Manager, Erin Camp, PhD at: [ecamp@poweroptions.org](mailto:ecamp@poweroptions.org).

