

# Eliminate fossil fuel use in the Town by 2040.

## Goal 1

Town residential and commercial structures transition to all-electric from renewable sources and **are resilient to the impacts of climate change**

### Objectives

**1. Homes have transitioned to efficient electric heating and hot water (using heat pumps)**

### Actions

Provide vetted information on technologies and incentives to convert homes on Town website

links to CLC/MassSAVE

Vineyard Power

Building Dept has information about heat pumps and water heaters for heat, cool and hot water

Handouts are prepared for town-wide dissemination about heat pumps, hybrid electric water heaters

System is in place to track installation of heat pumps and water heaters (both new and replacements)

Investigate tracking capabilities of Building Dept and Assessor's office

Determine reporting method

Specialized Code voted on at Town Meeting

Pool By-law amended to stop fossil fuel heating of pools

Pool bylaw is voted on at Town Meeting

Advisory Service is in place to advise homeowners and businesses about making the transition

**2. Increase the fraction of our electricity use that is renewable**

Possible Community solar sites located

Increase number of buildings that have solar arrays

Inventory is done of how much solar currently in Town

Building Dept sets up system to track installation of new solar arrays  
Advisory Service is in place to advise homeowners and businesses about installing solar  
Increase number of people buying electricity from renewable sources  
Track number of households

**3. Ensure that all residents have access to power and water during prolonged power failure**

Locations researched for possible neighborhood power and water hubs

Inventory of existing neighborhood generators?

Locations researched for possible community solar arrays to provide emergency power and water to neighborhoods

**All transportation and equipment --Town and Private-- transition to all electric and meet the overarching goal by 2040**

School EV charging infrastructure is in place

Identify funding sources  
Coordinate implementation

Add a link to information about electric cars, trucks to town website  
Add a link rebate programs-- MOR-EV, and Federal rebate information to town website

Determine through Assessor how to Track number of hybrid/electric cars/trucks

2022-25	2026-2030	Who is Responsible
2022		Amelia Smith and Sue Hruby
2023		Erik Peckar, Amelia Smith
Jul-23		Vineyard Power developing; EC (TBD) coordinating
Oct-23		Vineyard Power developing; EC (TBD) coordinating
TBD		Kate
Sep-22		Kate
TBD		TBD
2023		Kate Warner
2023		Kate Warner/VSEC
2023		Vineyard Power
	2024	
	2024	
2023		Vineyard Power support

2023	Building Department, TBD from EC
	Vineyard Power
	Cape Light Compact, Erik Peckar
	CLC
TBD	CAC, Emergency Management
	Amelia
	2025 TBD
mid-2023	Nicola Blake
2022	Amelia Smith
TBD	Nicola Blake
2022-23	Vineyard Power / Amelia
2022-MOR EV. 2023 Federal Rebate 2022	Vineyard Power / Amelia
	Kate