

## MEDWAY LOCAL ENERGY ACTION PROGRAM WORKING GROUP MEETING

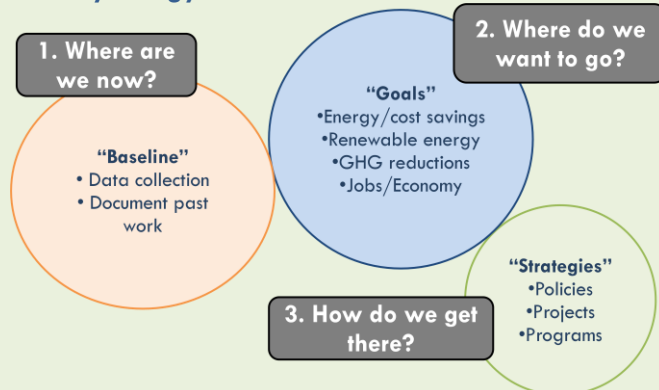
The Metropolitan Area Planning Council (MAPC) is a regional planning agency serving the people who live and work in the 101 cities and towns of Metropolitan Boston. Our mission is to promote smart growth and regional collaboration. We work toward sound municipal management, sustainable land use, protection of natural resources, efficient and affordable transportation, a diverse housing stock, public safety, economic development, an informed public, and equity and opportunity among people of all backgrounds. Our regional plan, "MetroFuture," guides our work and engages the public in responsible stewardship of the region's future.

### What is LEAP?

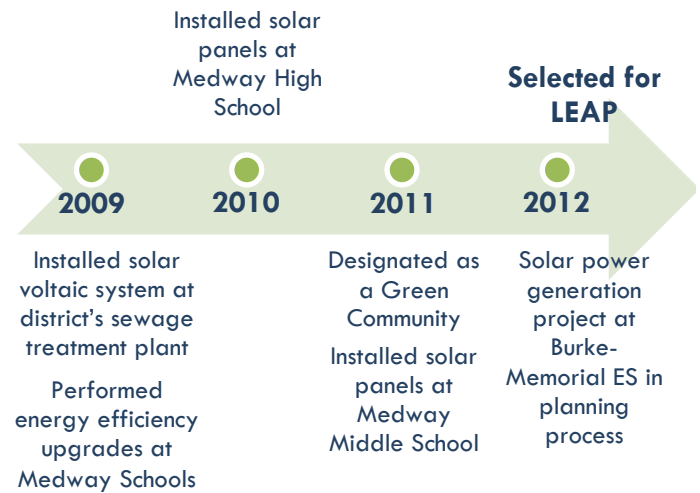
**Mission:** To help cities and towns create and implement local energy action plans over two years.



### Medway Energy Action Plan: 3 Parts



### Where are we now?



Past Energy Action	Municipal	Community	Business
Committed Staff/ Volunteer Time to Energy Work	●	◐	○?
Tracking of Energy Consumption	●	○	○
Energy Goals & Commitments	◐	◐	○?
Renewable Energy Projects	◐	○?	○?
Energy Efficiency Projects	◐	○?	○?
Outreach and Education Programs	○	○?	○?
Local Cleantech Business	○	○	○?

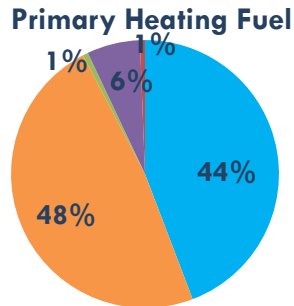
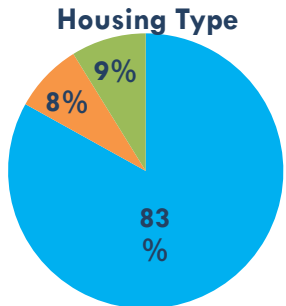
### Key:

- Yes
- ◐ Some/In Progress
- None
- ? Need more information

# MEDWAY ENERGY PROFILE

## RESIDENTIAL SECTOR

# of households: 4,594    Owner-occupied: 89%    Renter-occupied: 11%



■ SF   ■ MF, 2-5   ■ MF, 5+   ■ Utility Gas   ■ LPG   ■ Electricity   ■ Fuel Oil   ■ Other

### Residential Annual Energy Consumption:

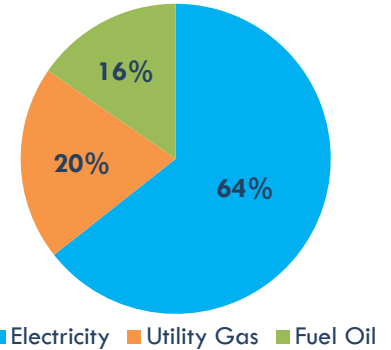
Electricity: **36 million kWh**  
 Natural gas: **1.2 million therms**  
 Heating oil: **493 thousand gallons**

**Residential Annual Energy Expenditures: \$11 million**

## COMMERCIAL SECTOR\*

Type	# Est.	# Employees
Food Sales	9	178
Food Services	25	373
Outpatient Care	18	98
Retail (Non-Mall)	19	81
Retail (Mall)	4	28
Office	91	602
Public Assembly	8	51
Service	25	135
Warehouse	8	31
<b>Total</b>	<b>207</b>	<b>1,577</b>

### Usage by Fuel Type



### Commercial Annual Energy Consumption:

Electricity: **28 million kWh**  
 Natural gas: **298 thousand therms**  
 Heating oil: **162 thousand gallons**

**Commercial Annual Energy Expenditures: \$3.2 million**

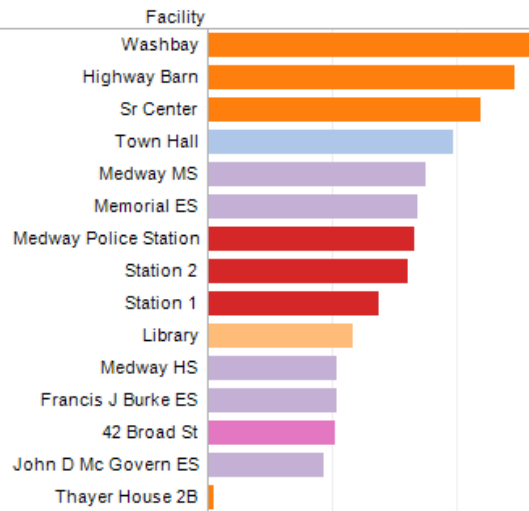
\* Does not include manufacturing/industrial sectors, in which Medway has an additional 1,530 jobs and 49 establishments

## MUNICIPAL SECTOR

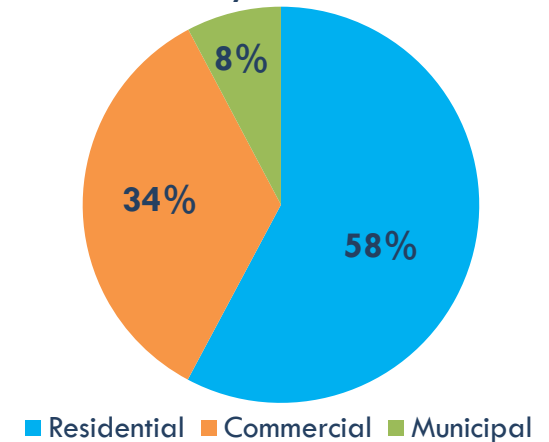
### Municipal Annual Energy Consumption:

Electricity: **4.2 million kWh**  
 Natural gas: **260 thousand therms**  
 Heating oil: **10 thousand gallons**

**Municipal Annual Energy Expenditures: \$1.1 million**



### Medway Building Energy Consumption by Sector



■ Residential   ■ Commercial   ■ Municipal