

# ENERGY SCORECARD: ORWELL

Overall  
Score:  
**C**

Enhanced Energy Plan Status: None

## Energy Efficiency

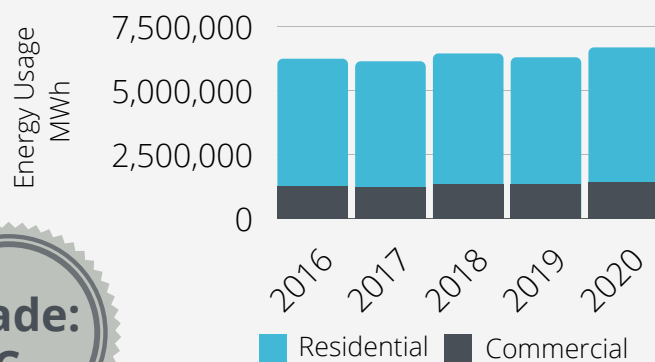
**Target:**

**2025**

Energy Usage Reductions

11%

Orwell's total energy usage has increased by 7% between 2016 and 2020. Average residential usage has also increased by 3% in that same period.



**Grade:**  
**C**

### Take Action:

- Promote the replacement of lighting and appliances with efficient alternatives to homeowners and businesses
- Replace outdated appliances and lighting in municipal buildings

Contact Efficiency Vermont to learn more about available incentives.

## Transportation and Land Use

**Target:**

**2025**

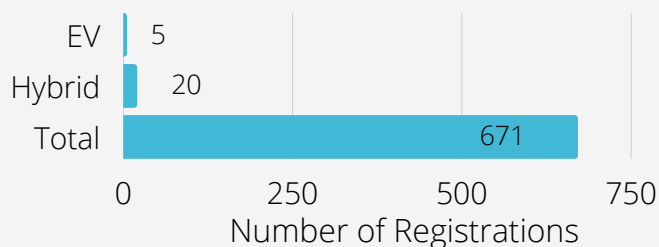
**2035**

EVs in Use

95

649

According to the DMV, 25 of the 703 cars registered in Orwell are electric, equalling 26% of the 2025 target.



| Land Use Planning                      | Current ? |
|--|-----------|
| Town Plan                              | ✗         |
| Zoning and Subdivision Regulations     | ✓         |
| Village Center or Downtown Designation | ✓         |

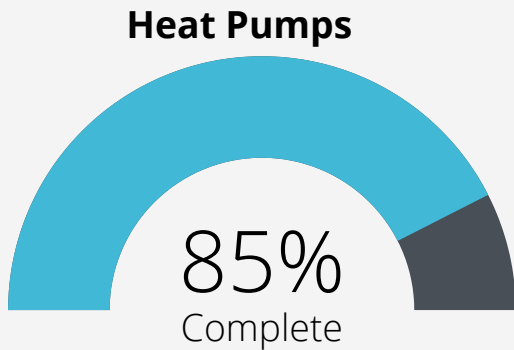
### Take Action:

- Update zoning regulations to increase density and transportation efficiency.
- Encourage the Installation of public EV chargers on municipal property and at local businesses.
  - Contact the [GMP Business Innovation Team](#) for help.
- Host an EV demonstration event in your town.
  - Contact ACRPC or [Drive Electric VT](#) for more information.

**Grade:**  
**C**

# Thermal Efficiency

| Targets:             | 2025 | 2035 | 2050 |
|----------------------|------|------|------|
| Heat Pumps Installed | ✓    | ✓    | 248  |
| % Homes Weatherized  | 2%   | 9%   | 47%  |



Since 2016 Orwell has surpassed the 2025 and 2035 targets and installed 210 of the 248 heat pumps necessary to reach the 2050 target.

**Take Action:**

- Perform outreach to community on benefits and incentives of weatherization.
  - Perform energy efficiency retrofits on municipal buildings
- Contact ACRPC or Efficiency VT for support.

**Weatherization**

|                                    | Project Count |
|------------------------------------|---------------|
| Home Performance with ENERGY STAR® | 2             |
| Other Weatherization               | 1             |
| New Residential Construction       | 0             |
| <b>Homes Weatherized</b>           | <b>3</b>      |

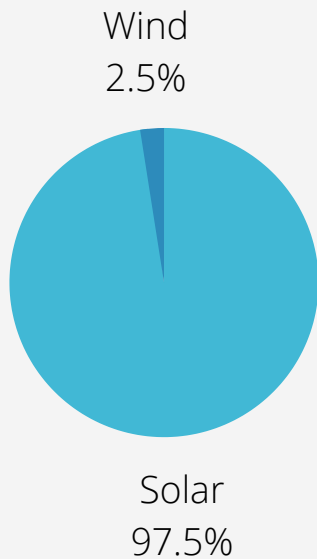
Orwell has weatherized 0.5% of homes in town.



# Renewable Energy Generation

| Target:                    | 2025  |
|----------------------------|-------|
| Renewable Generation (MWh) | 3,769 |

Orwell generates 1,172 MWh of energy each year, about 31% of the 2025 target.



**Take Action:**

- Participate in a community solar project.
- Consider commercial and municipal properties for rooftop or ground mount solar
- Include anaerobic digestion in wastewater and manure management plans.

Contact ACRPC to learn more about opportunities.