

# LEAP Projections - Woodford

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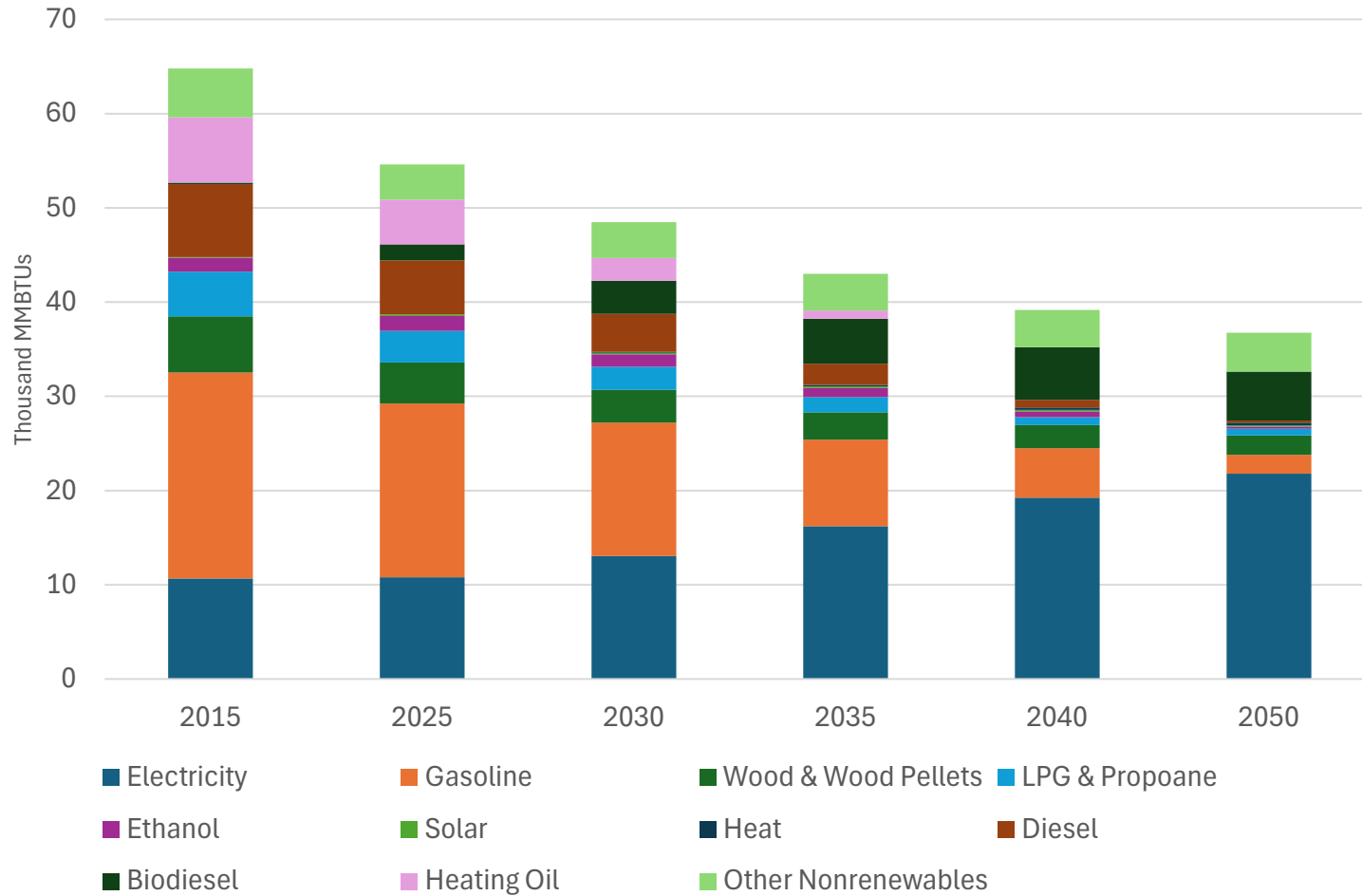
The following projections and targets come from the Low Emissions Analysis Platform (LEAP) model, which is a tool used by the State of Vermont to analyze and project energy demand across multiple sectors at the state and regional levels for the years 2015-2050. The general trends depicted in these LEAP projections show a decrease in overall energy use, a decreasing reliance on fossil fuels, and an increase in electricity demand as the electrification of the thermal and transportation sectors continues. The municipal projections were disaggregated from regional-level projections provided by VT Department of Public Service using the town's regional share of energy use. Contact BCRC for additional information and data.

## [Regional LEAP Projections](#)

Additional data available at [Energy Planning - BCRC](#)



## Woodford Total Energy Demand by Fuel Type



### What is a BTU?

A BTU, or British Thermal Unit, is a measure of energy value or heat content. A BTU is the amount of heat required to raise the temperature of one pound of water by one degree Fahrenheit at a constant pressure of one atmospheric unit.

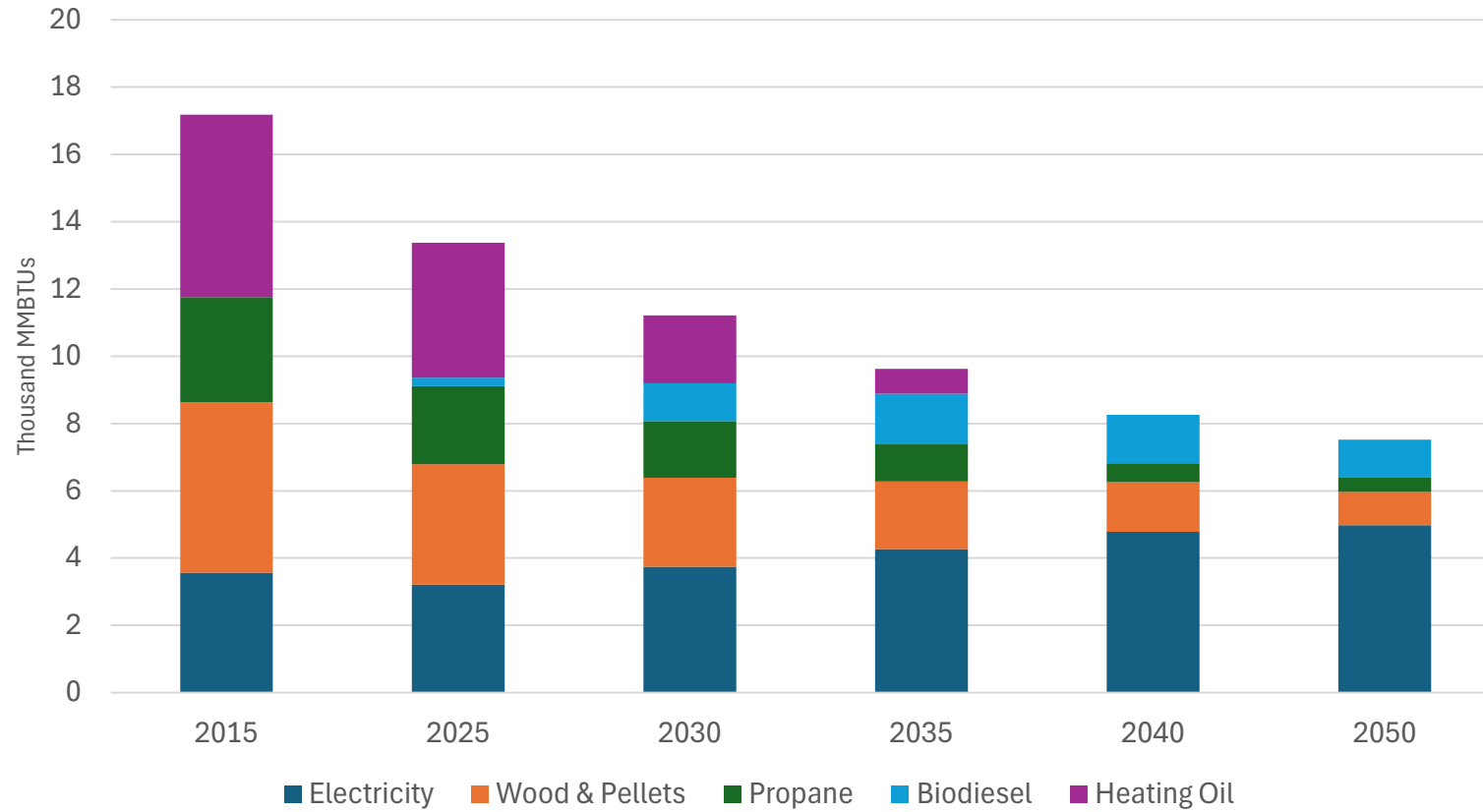
1 MBTU = 1,000 BTU

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**Annual energy use is typically measured in units of Thousand MMBTUs**

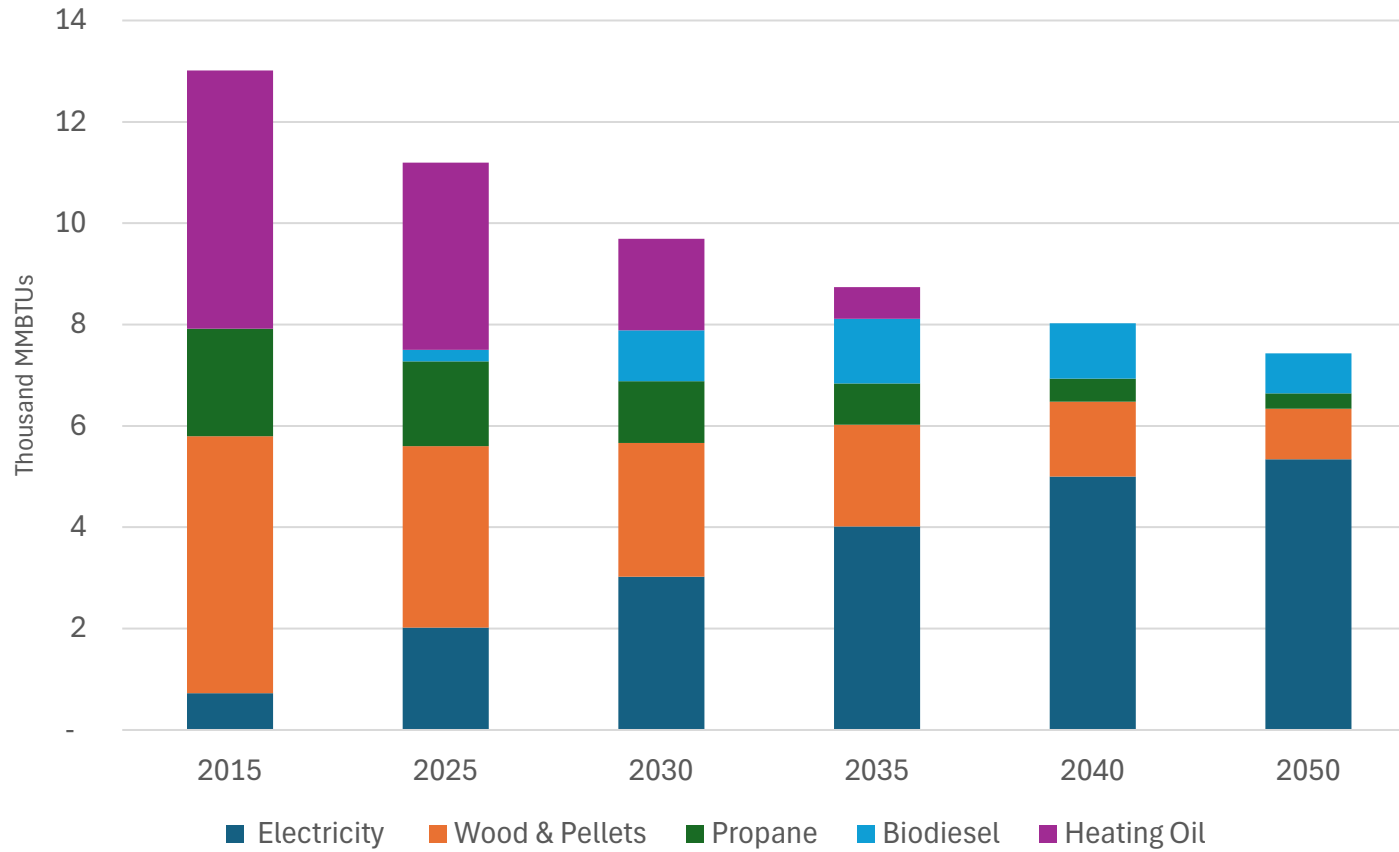
# Residential Energy Demand & Targets

## Woodford Residential Energy Demand

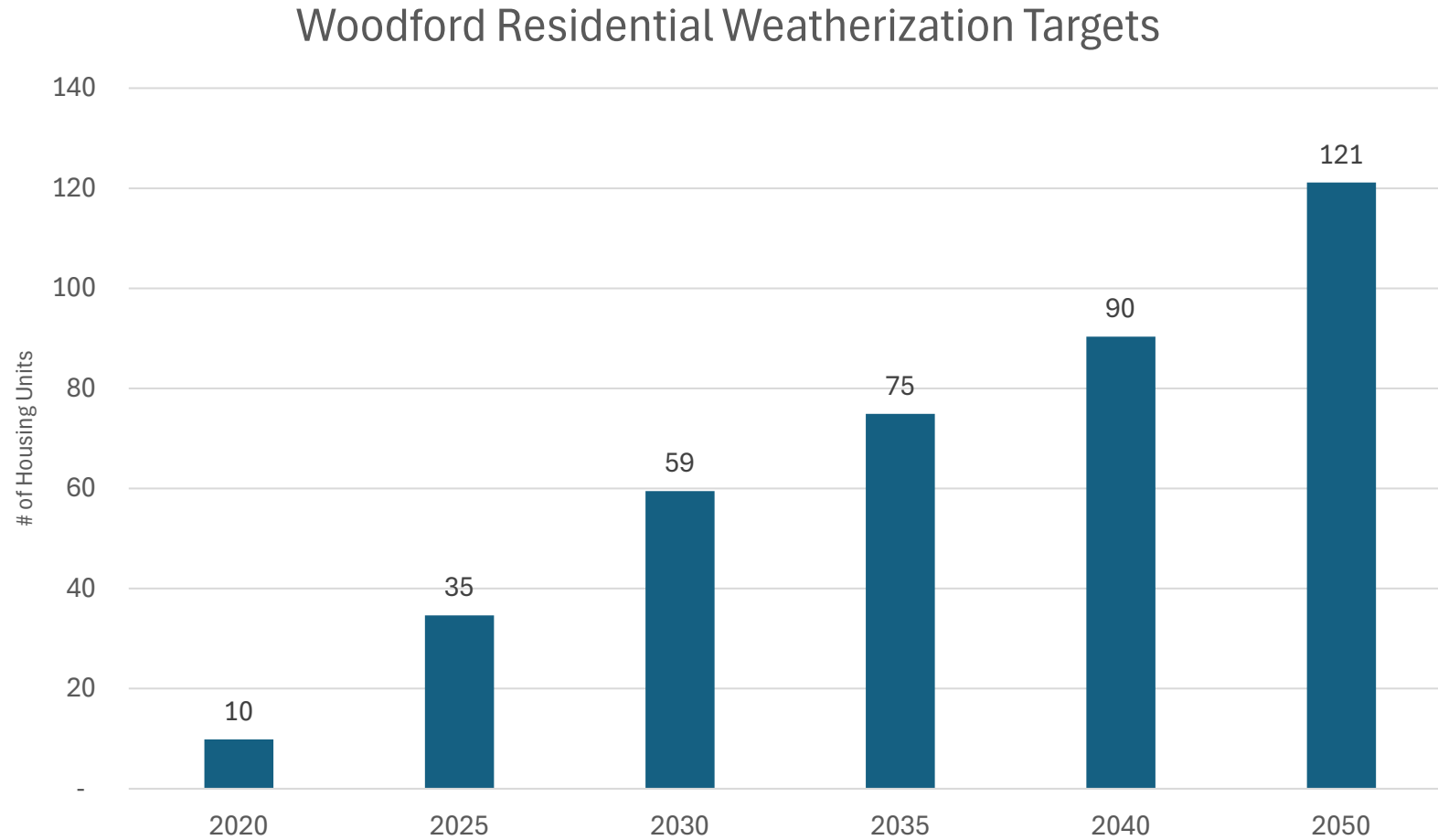


# Residential Energy Demand & Targets

## Woodford Residential Thermal Energy Demand

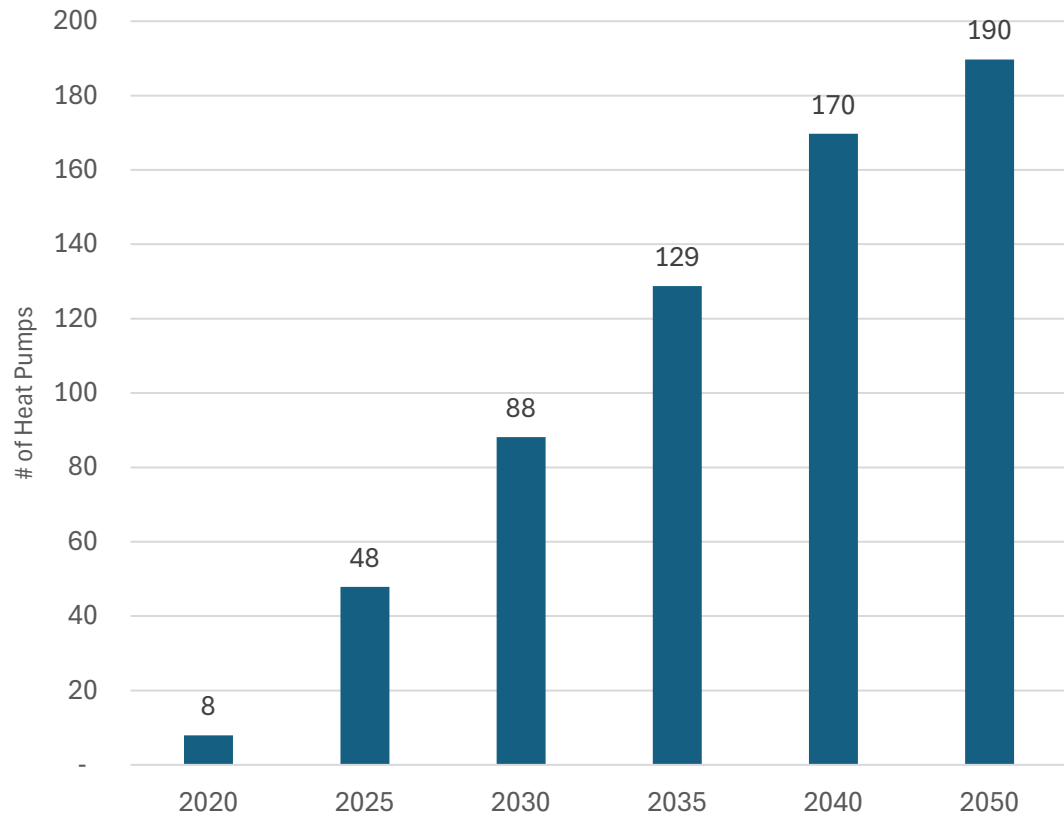


# Residential Energy Demand & Targets

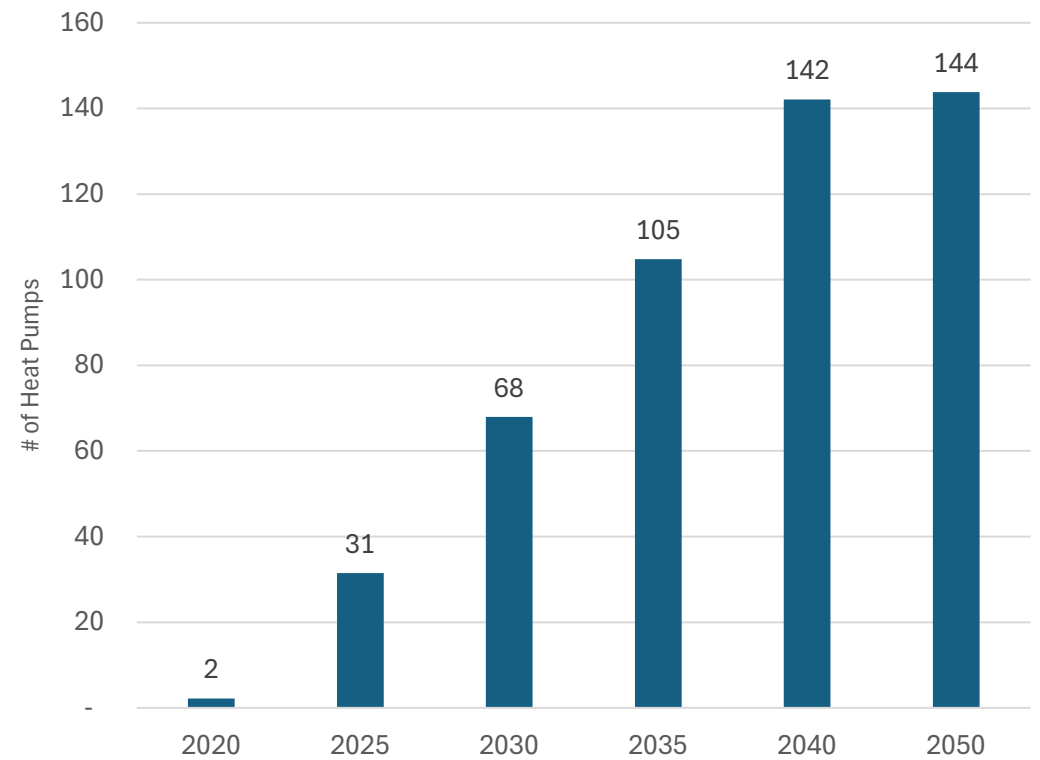


# Residential Energy Demand & Targets

## Woodford Residential Heat Pump Targets

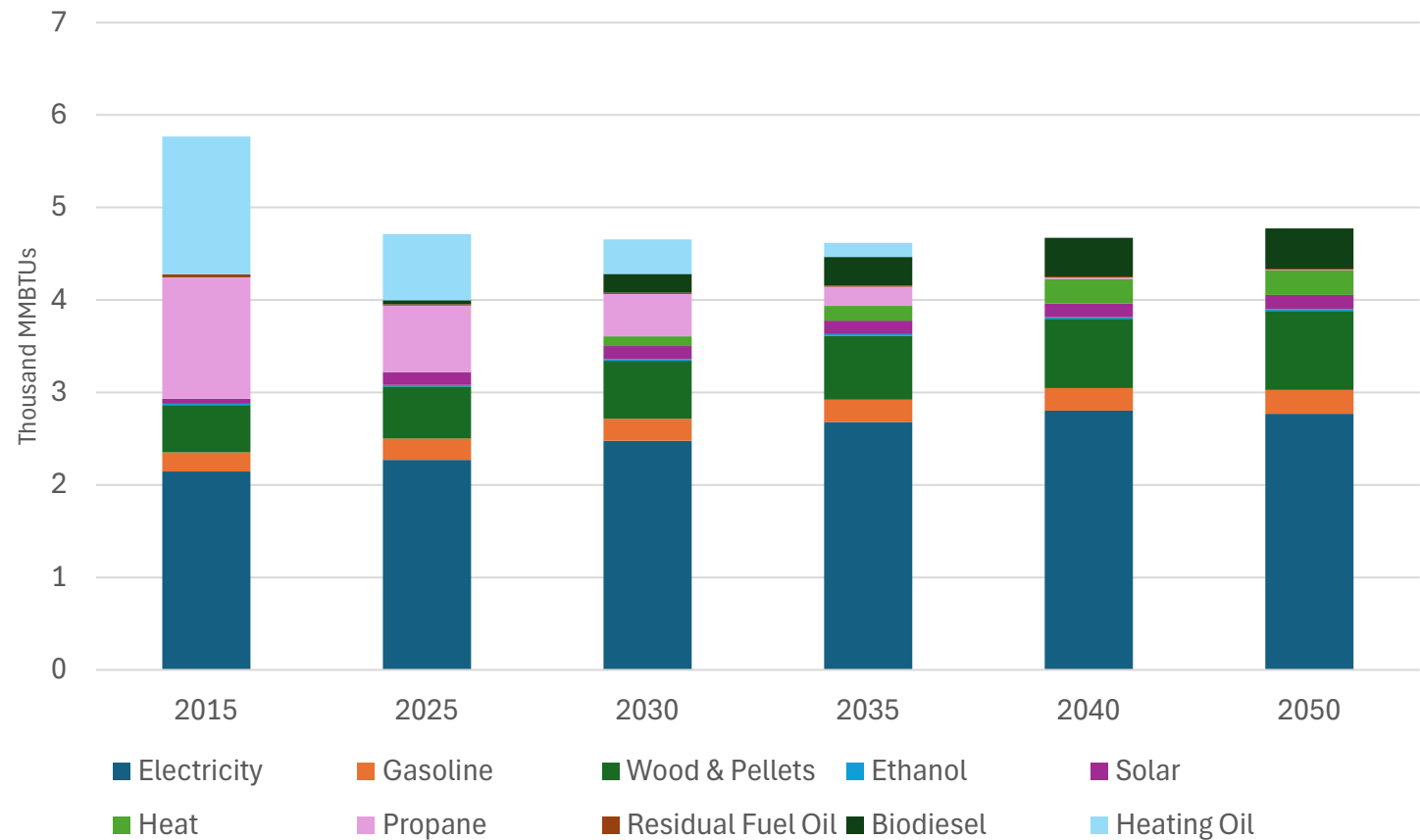


## Woodford Residential Heat Pump Water Heater Targets



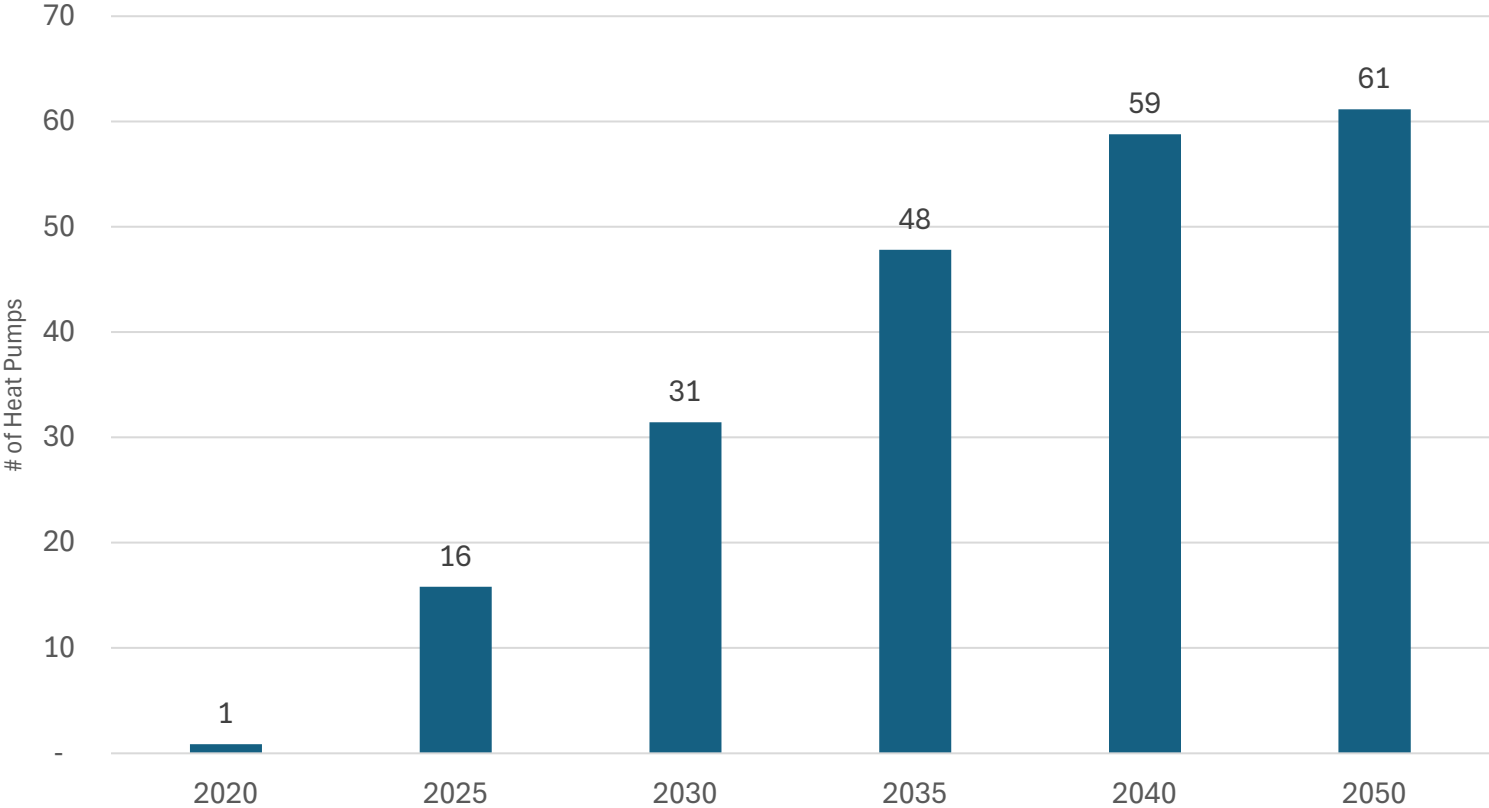
# Commercial Energy Demand & Targets

## Woodford Commercial Energy Demand



# Commercial Energy Demand & Targets

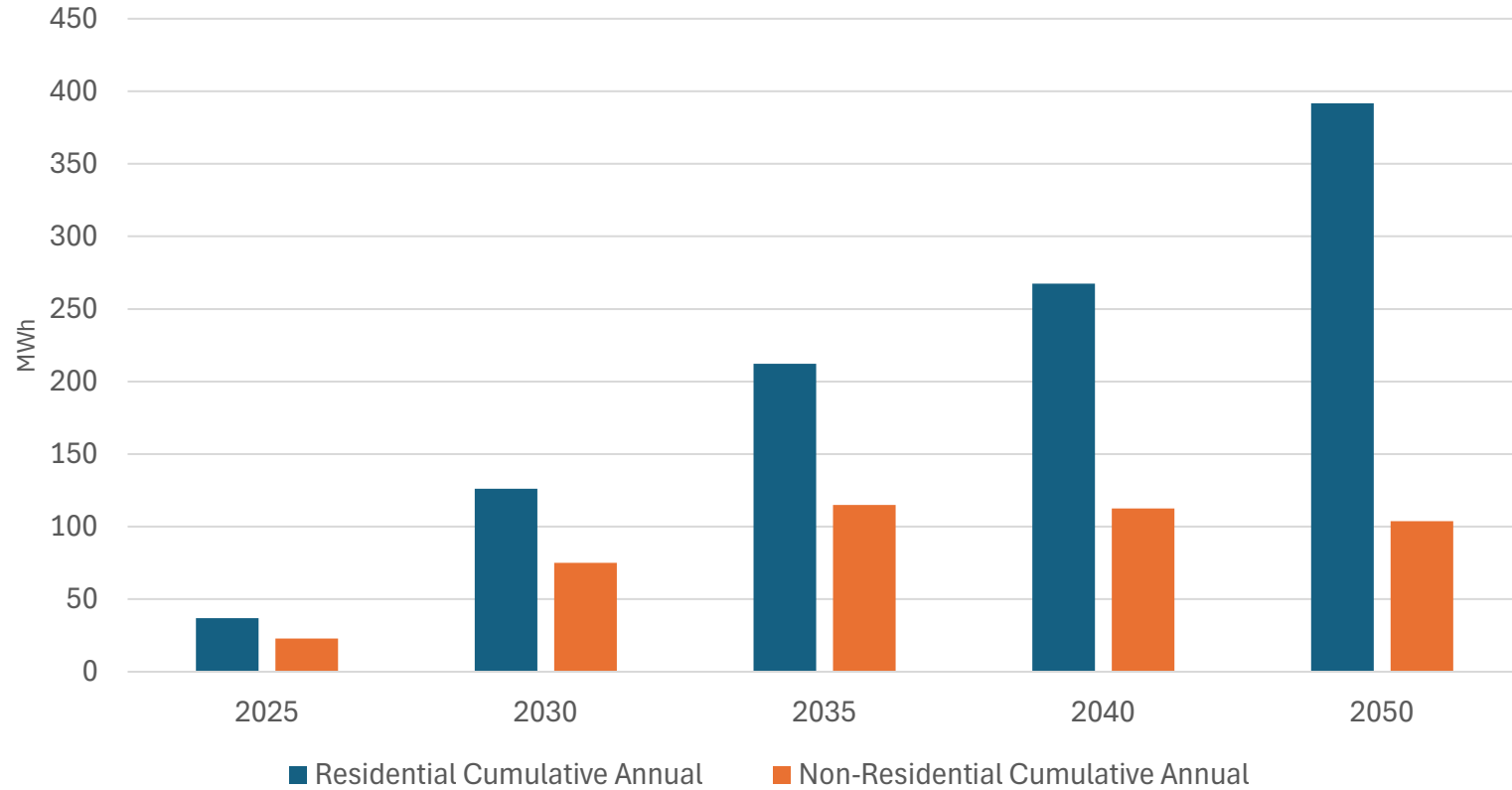
## Woodford Commercial Heat Pump Targets





# Electric Efficiency

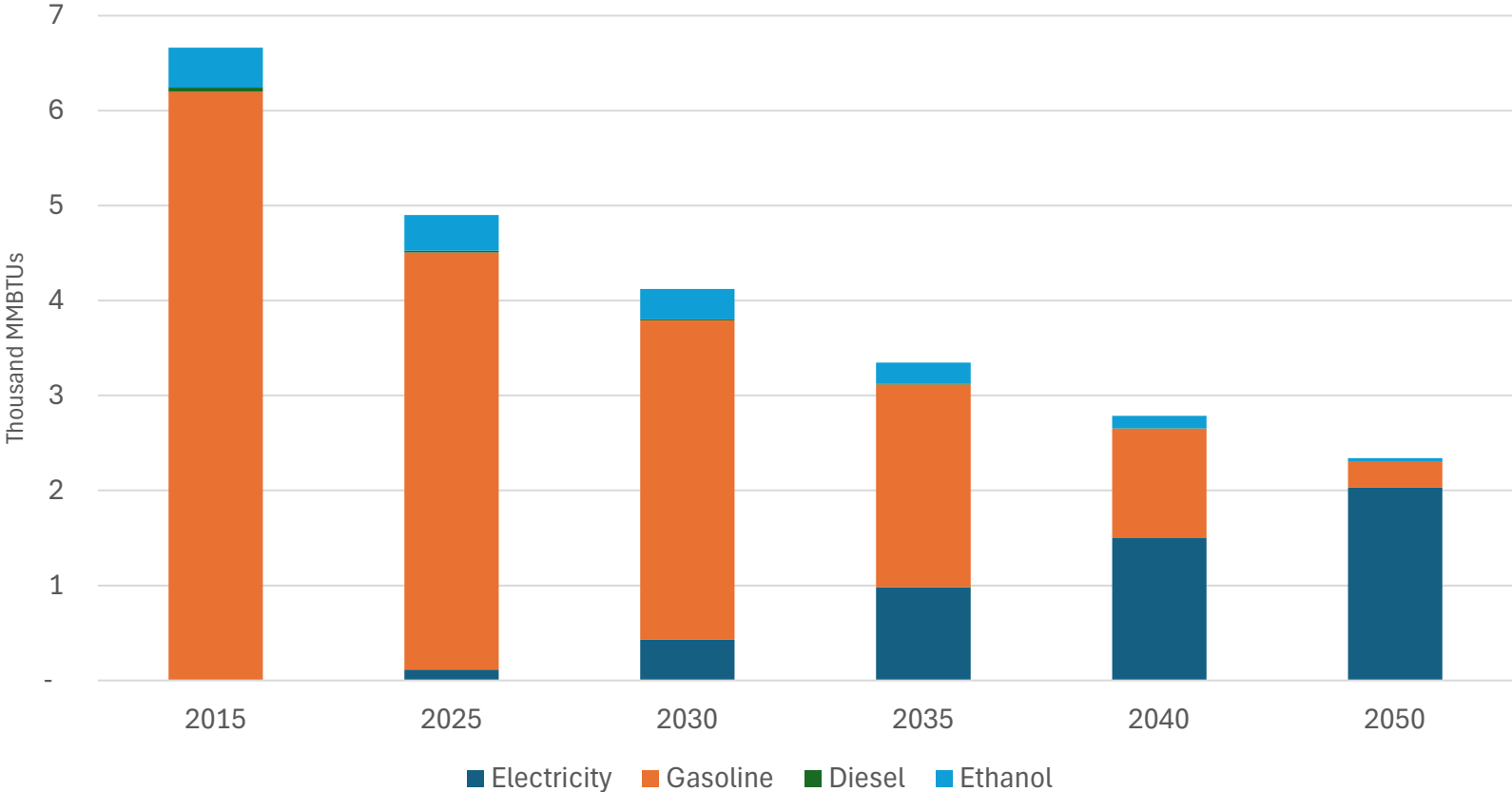
## Woodford Electric Efficiency Savings



[Data source: EEU Potential Study](#)

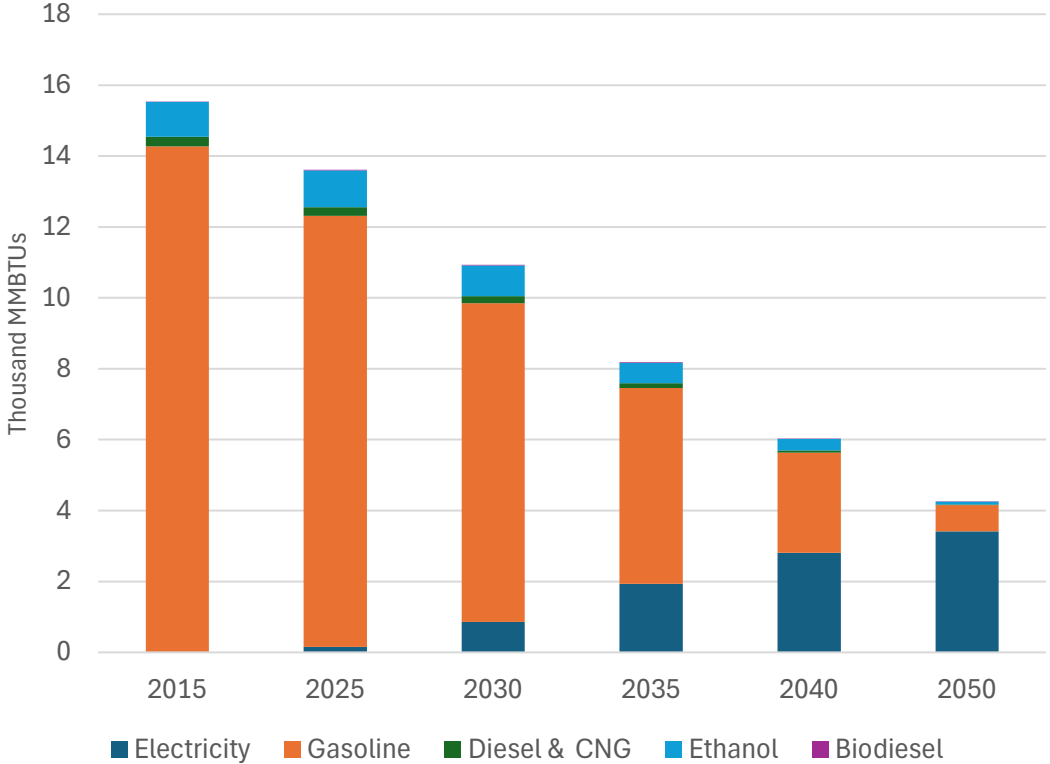
# Transportation Energy Demand & Targets

## Woodford Passenger Car Energy Demand

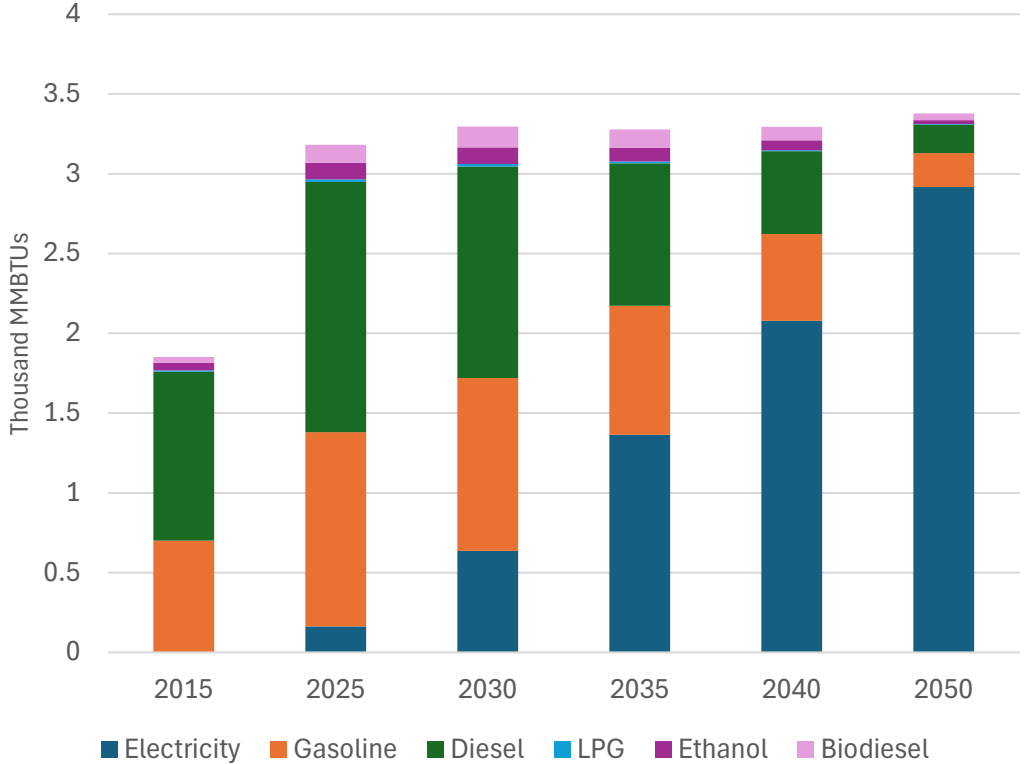


# Transportation Energy Demand & Targets

## Woodford Light Truck Energy Demand

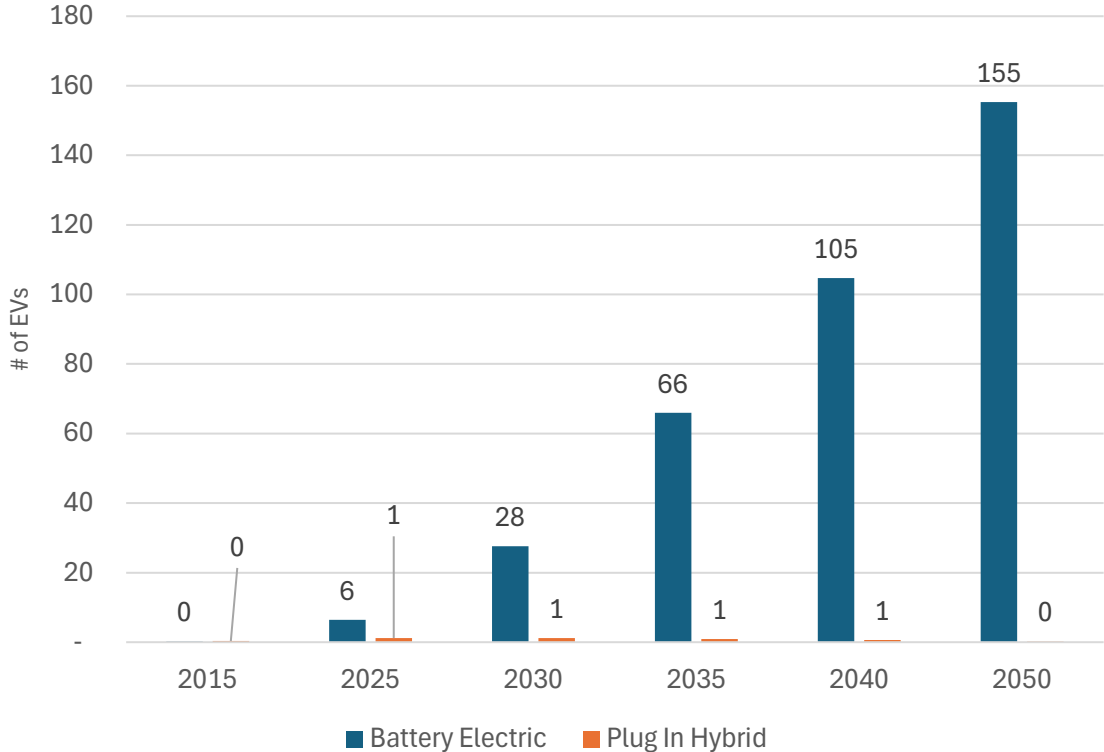


## Woodford Medium Truck Energy Demand

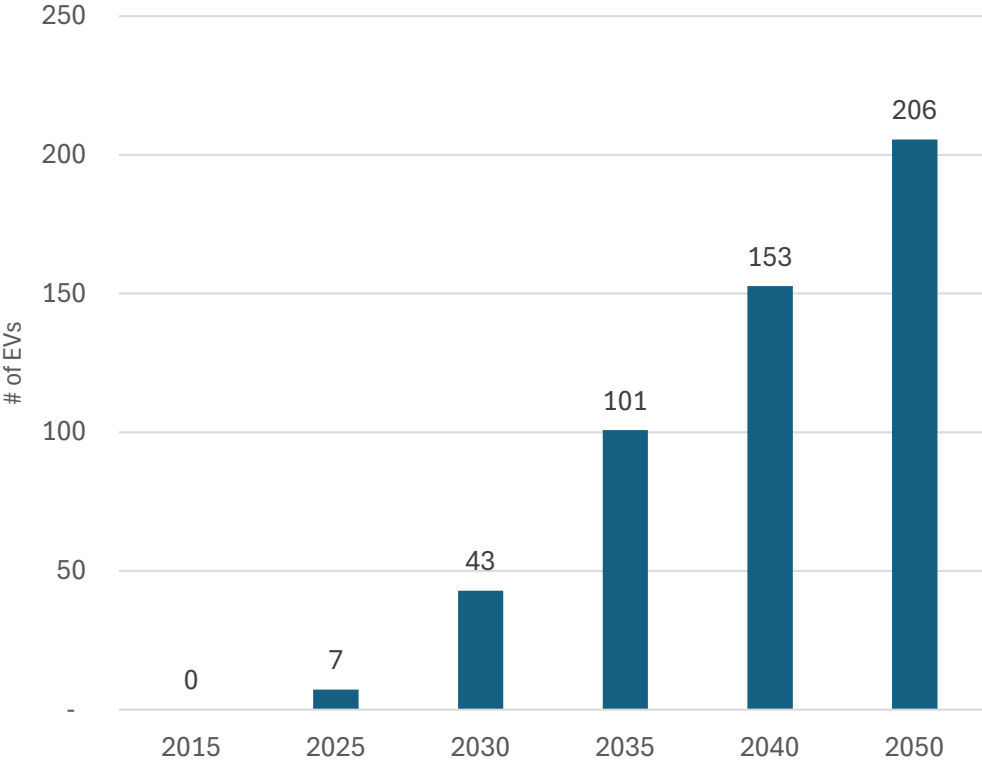


# Transportation Energy Demand & Targets

### Woodford EV and PHEV Targets



### Woodford Light Truck EV Targets



## Renewable Energy Generation Targets (in MW)

| YEAR | SOLAR | ROOFTOP SOLAR | WIND | HYDRO | TOTAL |
|------|-------|---------------|------|-------|-------|
| 2025 | 0.1   | 0.1           | 0.2  | 0     | 0.4   |
| 2035 | 0.2   | 0.2           | 0.4  | 0     | 0.8   |
| 2050 | 0.3   | 0.2           | 0.6  | 0     | 1.1   |

Additional data available at [Energy Planning - BCRC](#)