

A graphic consisting of four vertical bars of increasing height from left to right. Each bar contains a word in white, bold, sans-serif capital letters. The words are ENERGY, EMISSIONS, ECONOMY, and EQUITY. The bars are colored teal, maroon, orange, and green respectively.

ENERGY

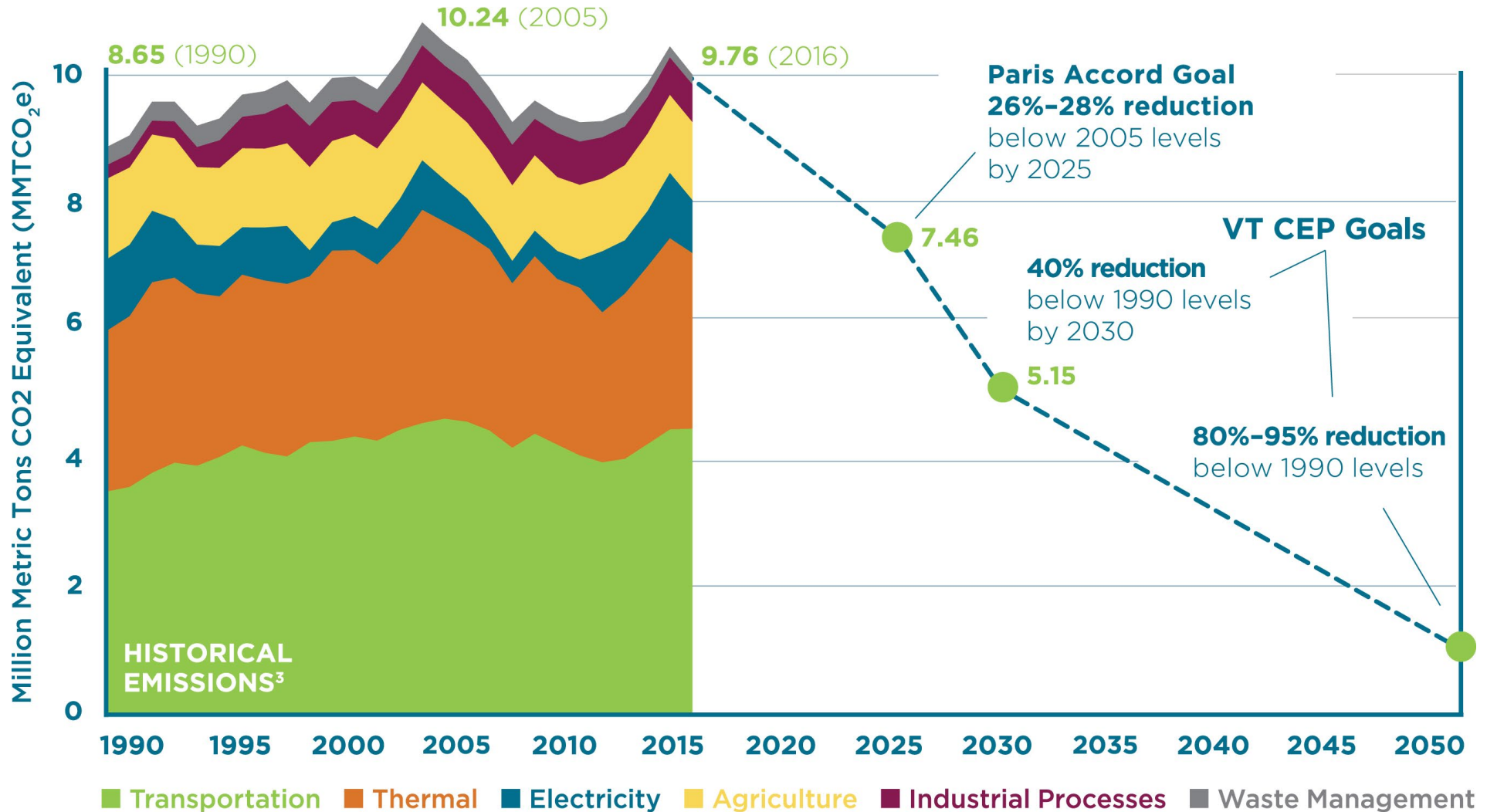
EMISSIONS

ECONOMY

EQUITY

2019 ANNUAL PROGRESS REPORT
for **VERMONT**

Now is the time for rapid emissions reductions beyond the electricity generation sector

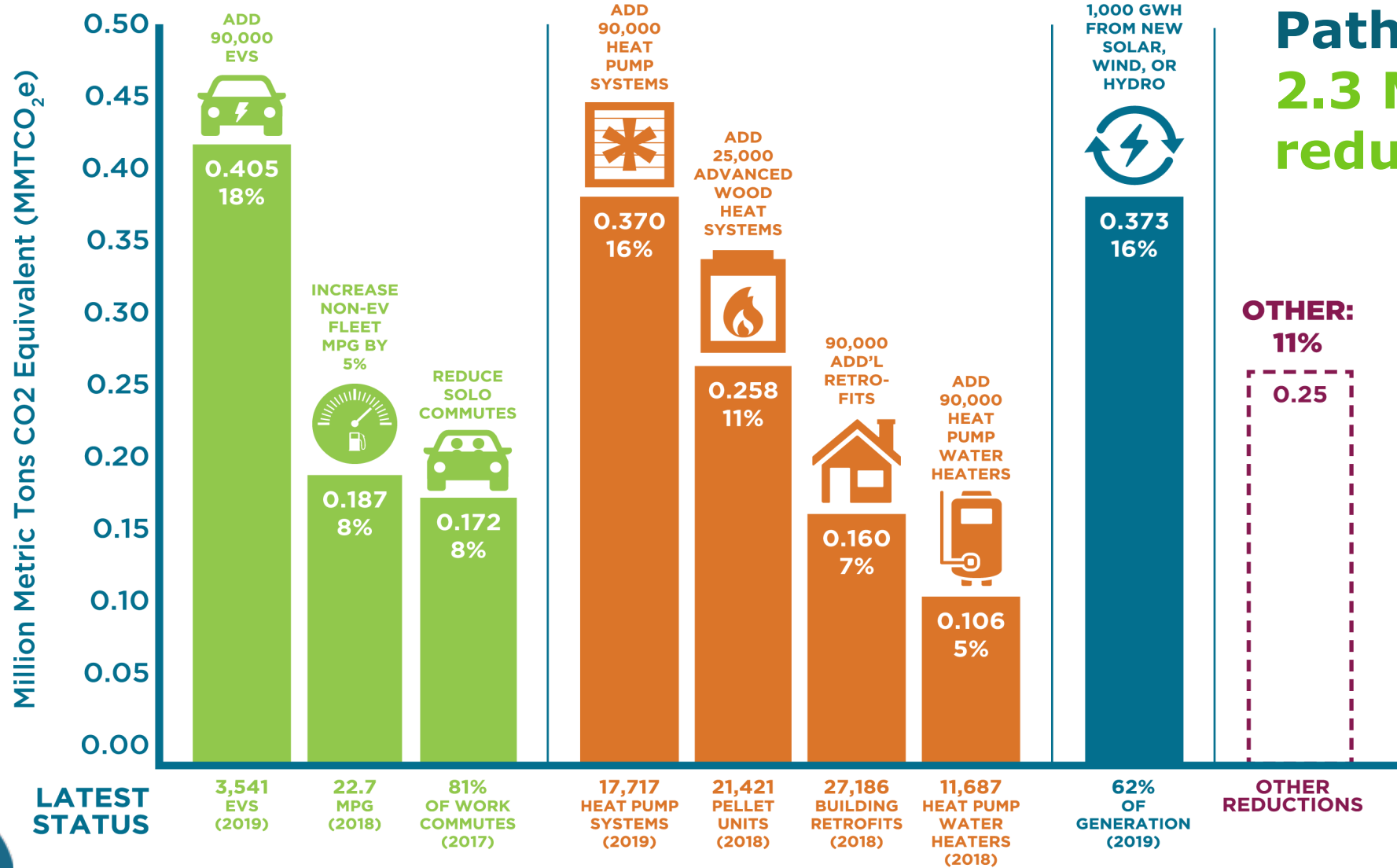


TRANSPORTATION: 34%

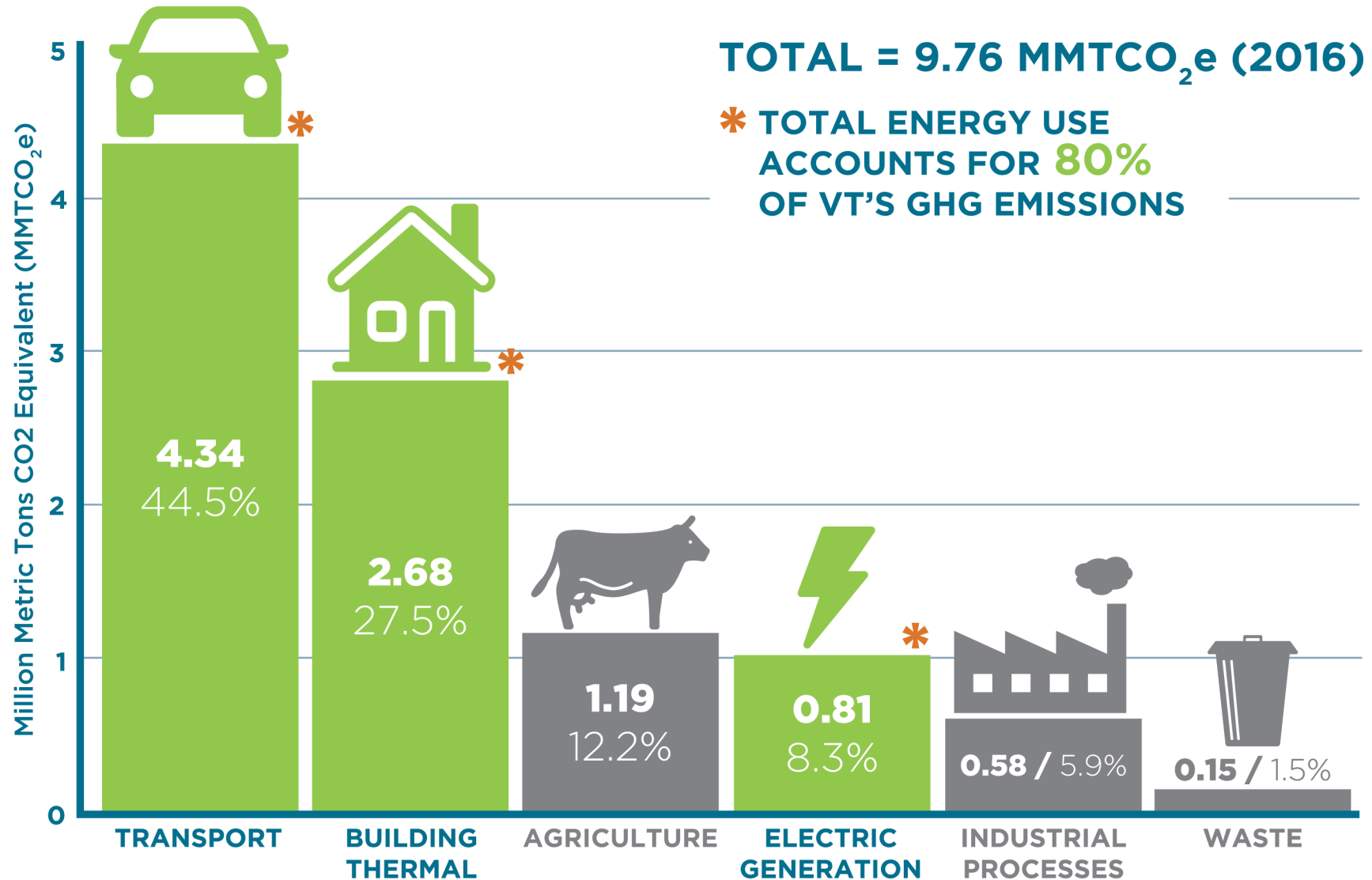
THERMAL: 39%

ELECTRICITY: 16%

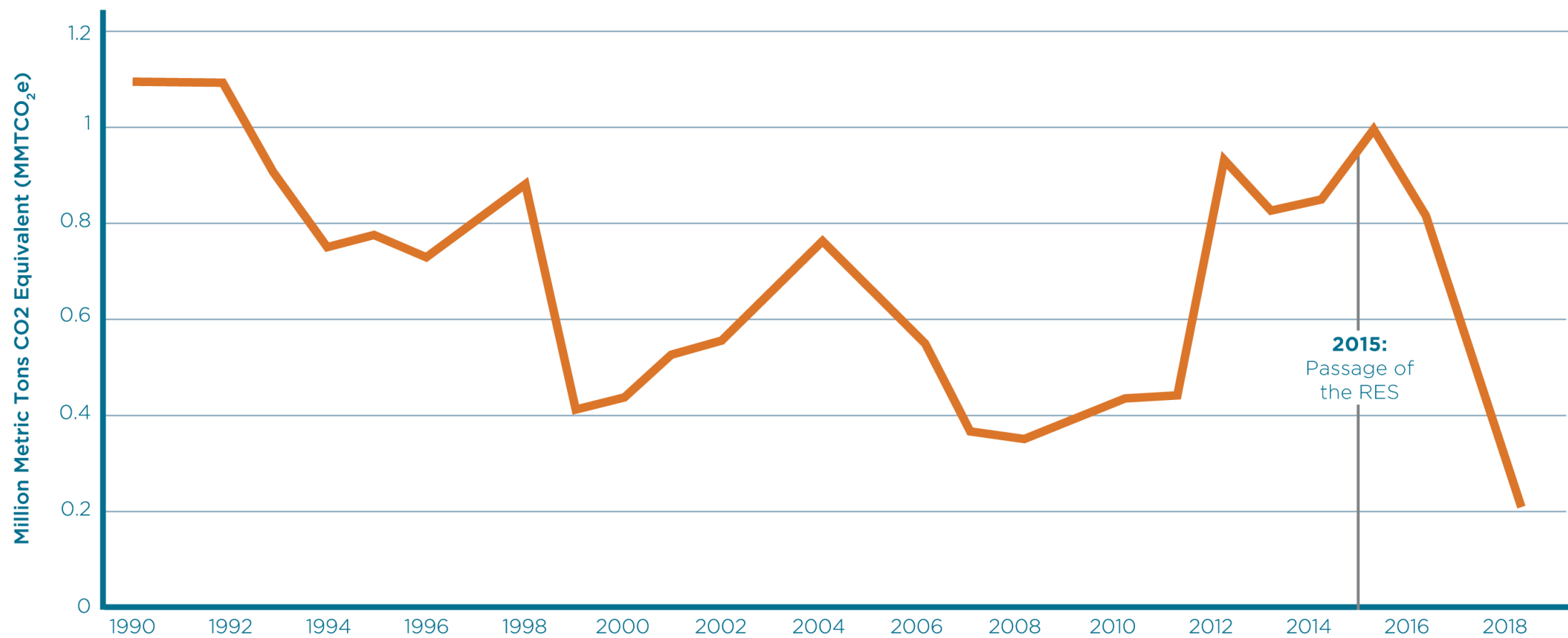
Path to Paris:
2.3 MMTCO₂e
reduction by 2025



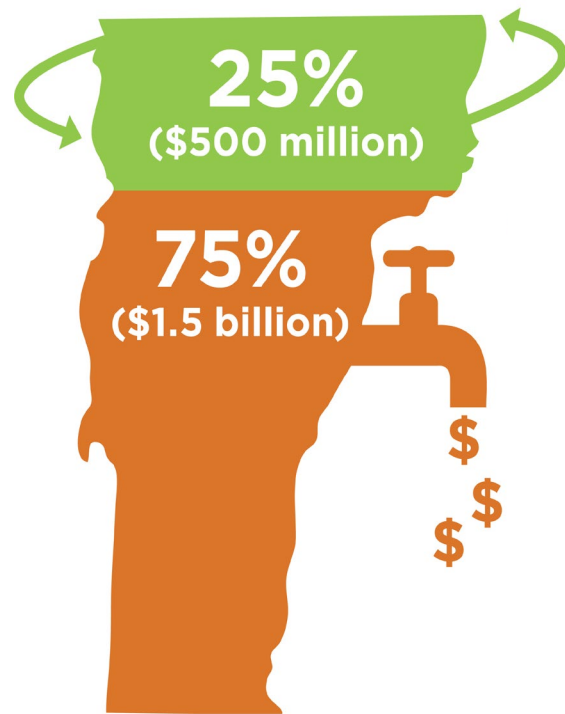
Vermont's GHG emissions by sector



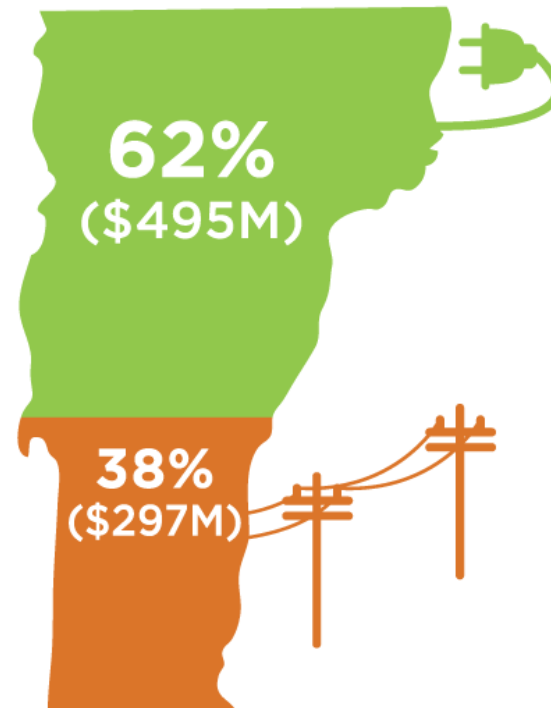
GHG emissions from the electricity sector, consumption based



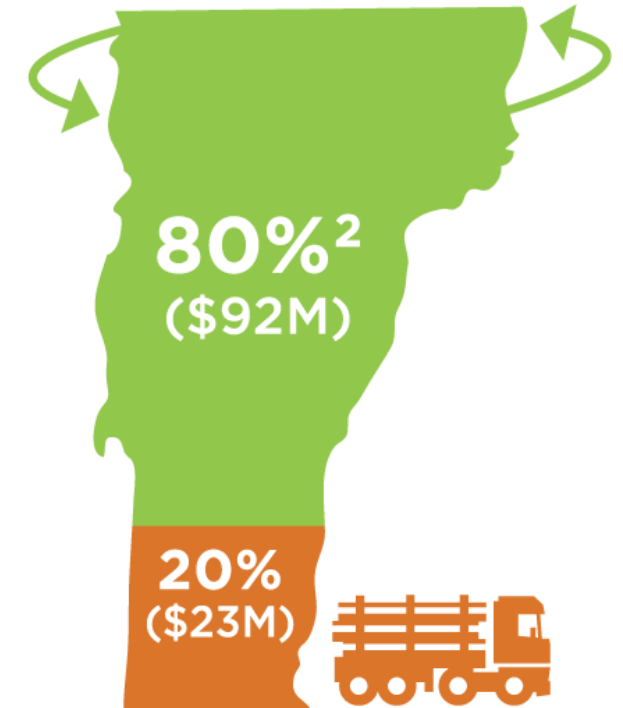
FOSSIL FUELS



ELECTRICITY



WOOD



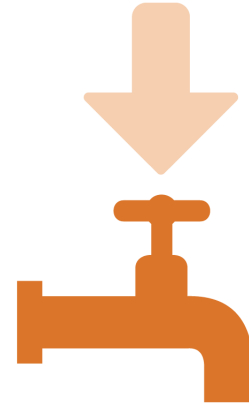
 Recirculates in the VT economy
 Leaves the VT economy



Economic impacts of EAN's Path to Paris: 2020 - 2035



INCREASE in
in-state investment:
**\$323
million**

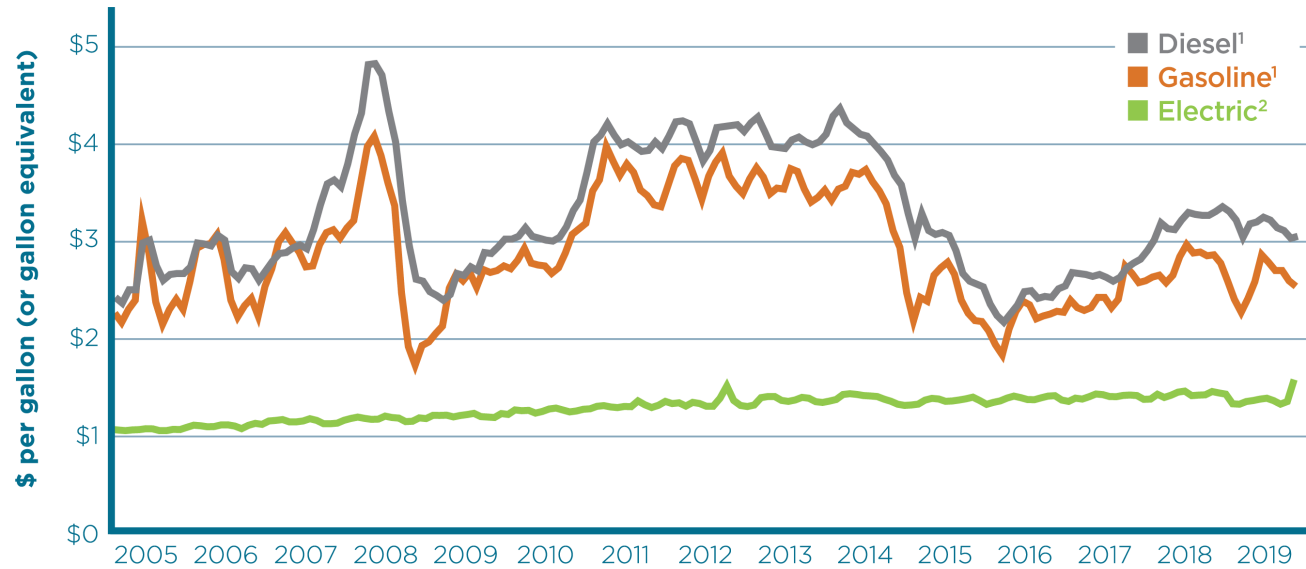


DECREASE in
out-of-state spending:
**\$1.115
billion**



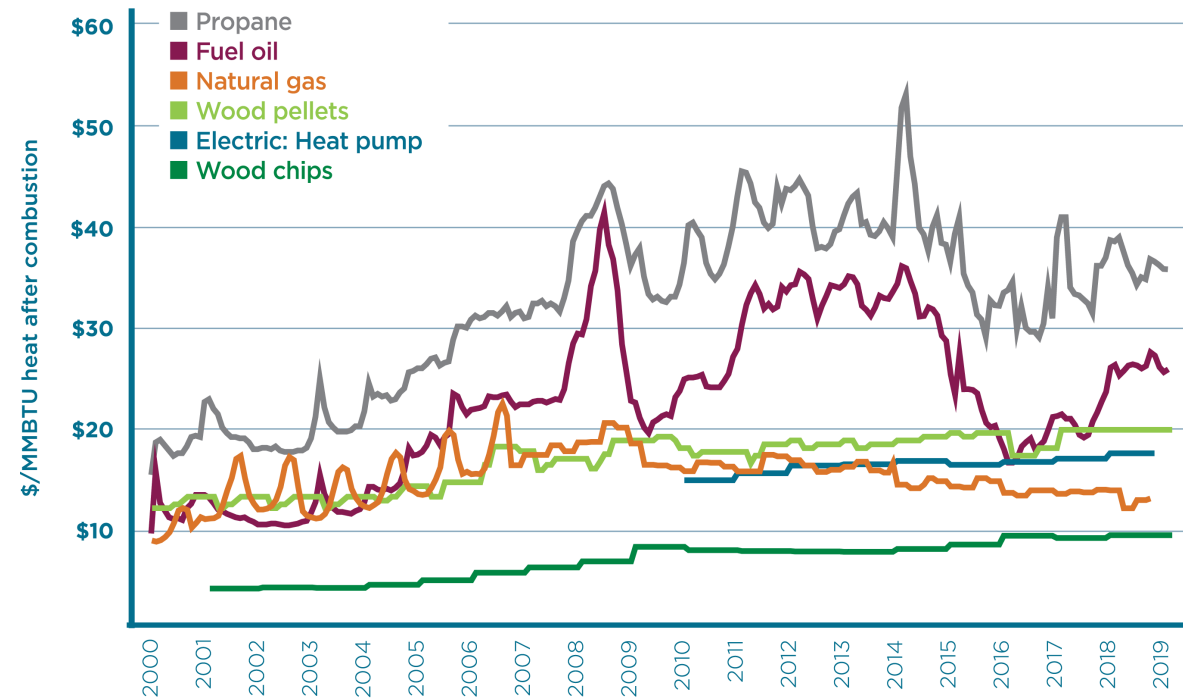
Net consumer savings:
**\$792
million**



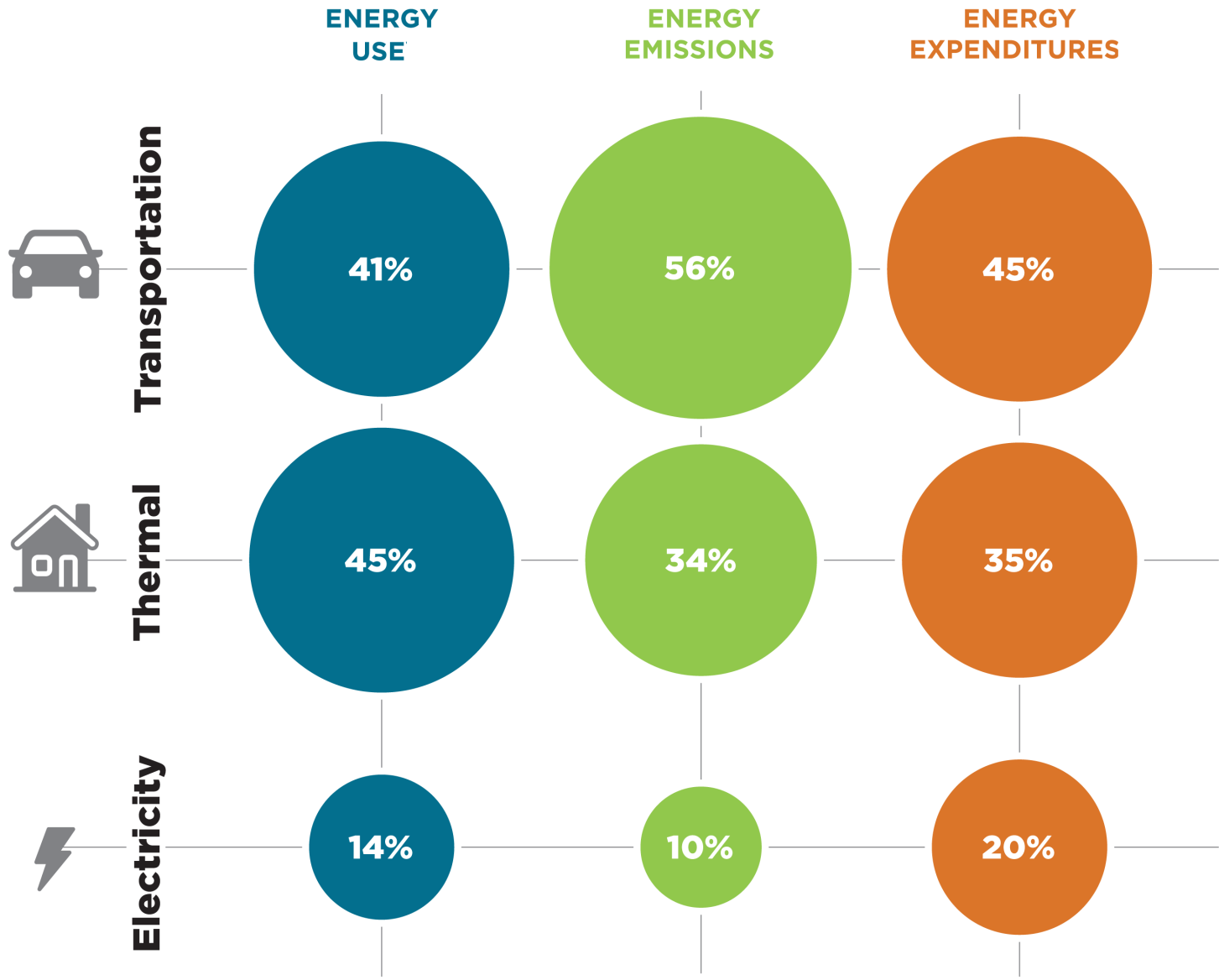


Electric vehicles are less expensive to drive than gas vehicles

Renewable heating options are lower cost and more stable than fossil fuel options



What do we mean by 'total energy'?

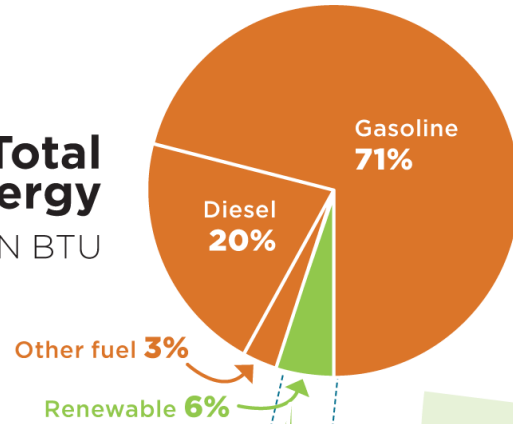




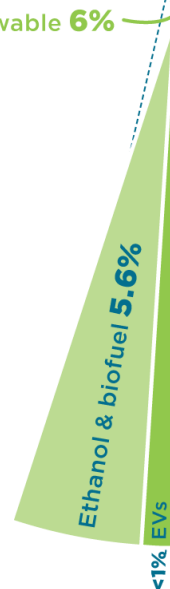
Transportation

48.2 TRILLION BTU

Total site energy
119 TRILLION BTU



SITE ENERGY
Renewable sources



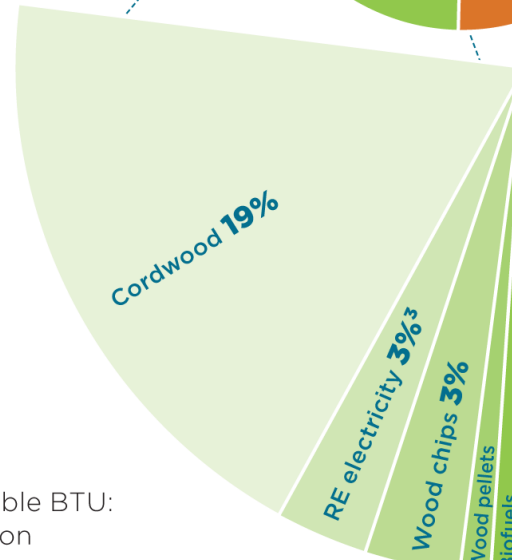
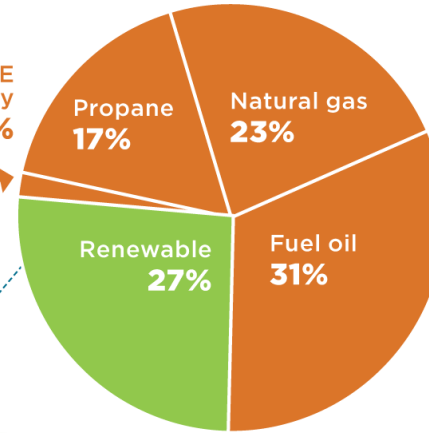
Total renewable BTU:
2.7 trillion



Thermal

54.3 TRILLION BTU

Non-RE electricity
2%



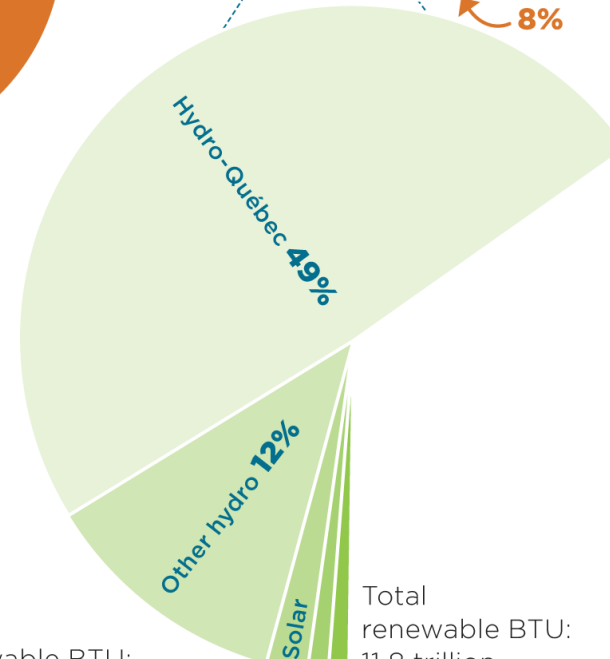
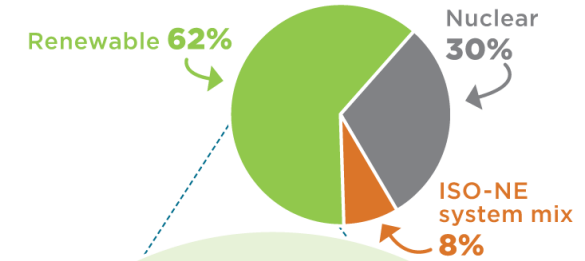
Total renewable BTU:
14.8 trillion



Electricity

16.4 TRILLION BTU

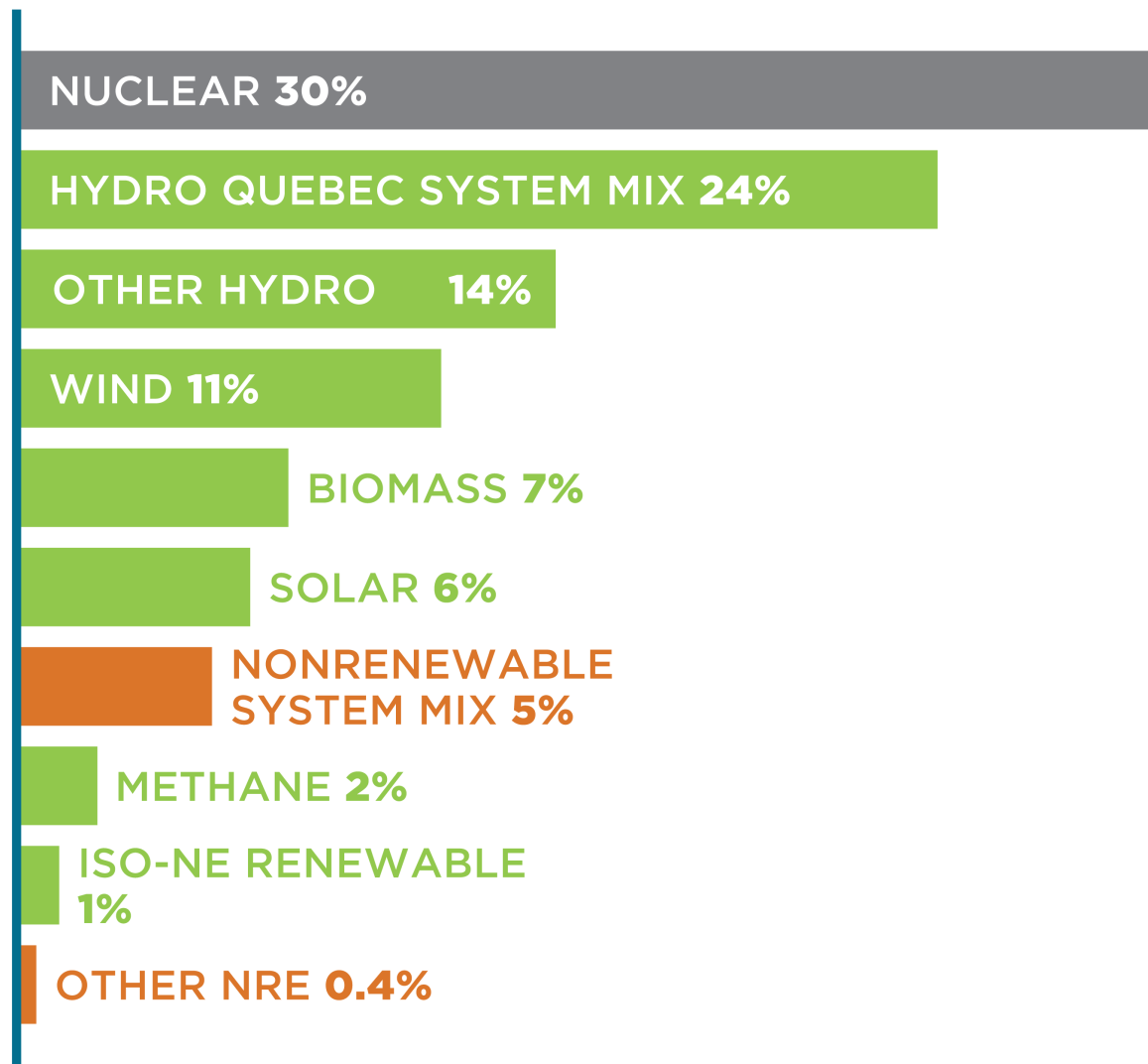
(after accounting for RECs)

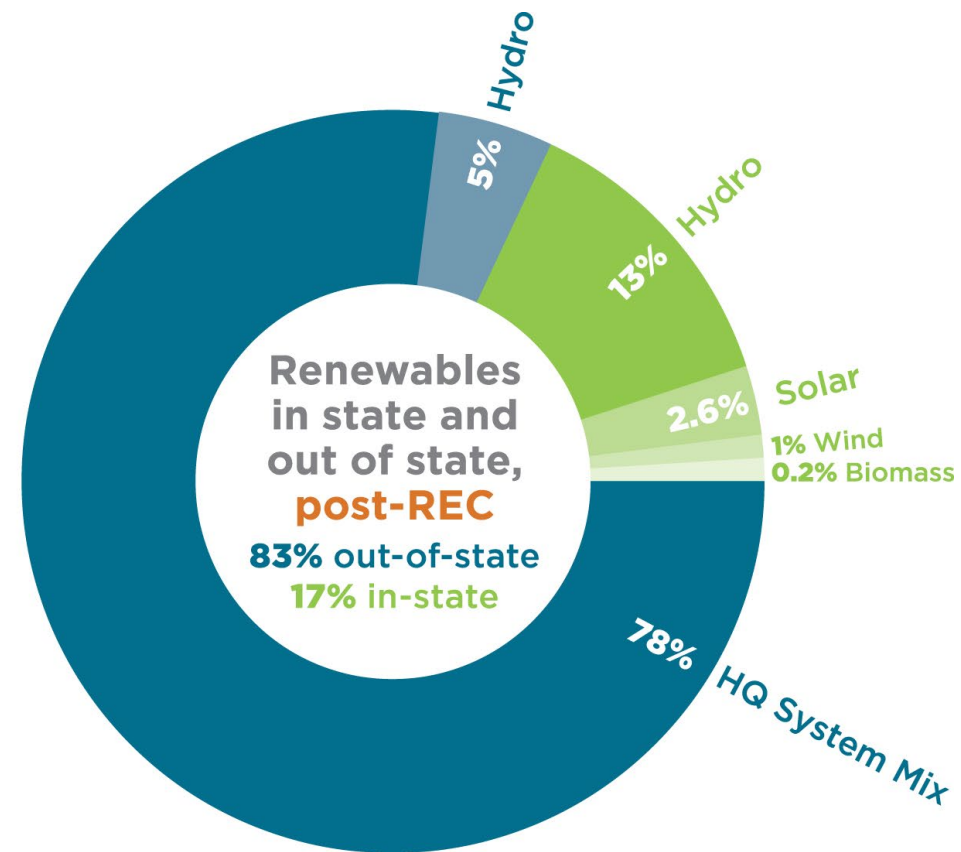
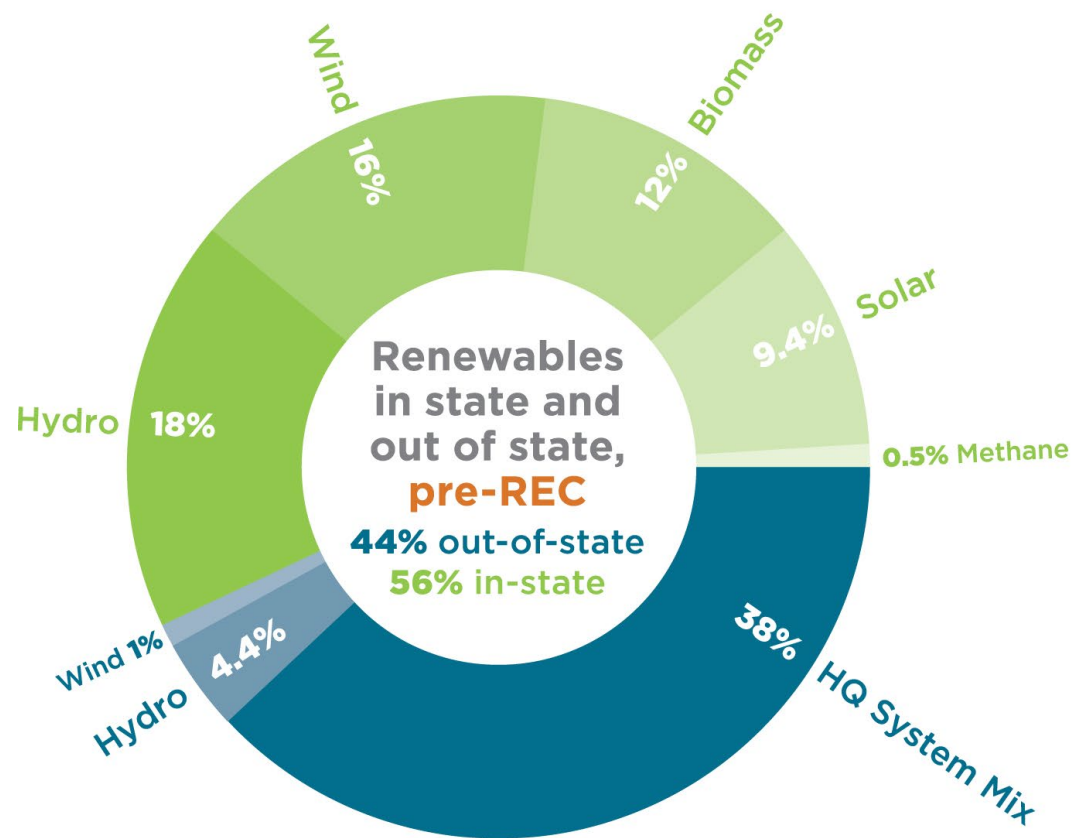


Total renewable BTU:
11.8 trillion

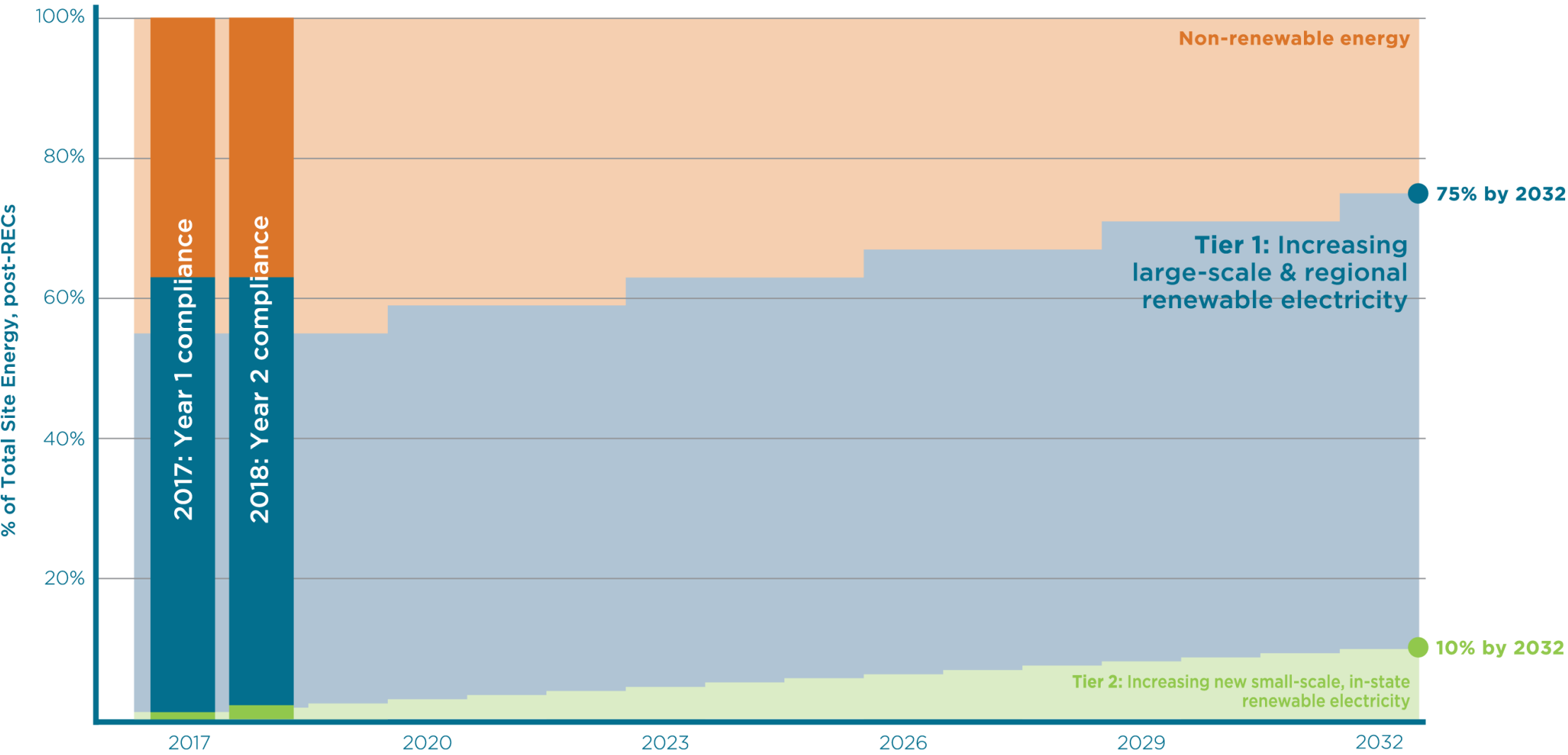


VT electricity generation and purchases 2018, pre-REC





Vermont Renewable Energy Standard targets and compliance





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