

## FROM THE 'ENERGY, ECONOMY, CLIMATE & YOU!' POSTER

# VERMONT'S TOTAL ENERGY

Learn more,  
make a plan  
& take action:

[VEEP.ORG/  
POSTER-2020](http://VEEP.ORG/POSTER-2020)



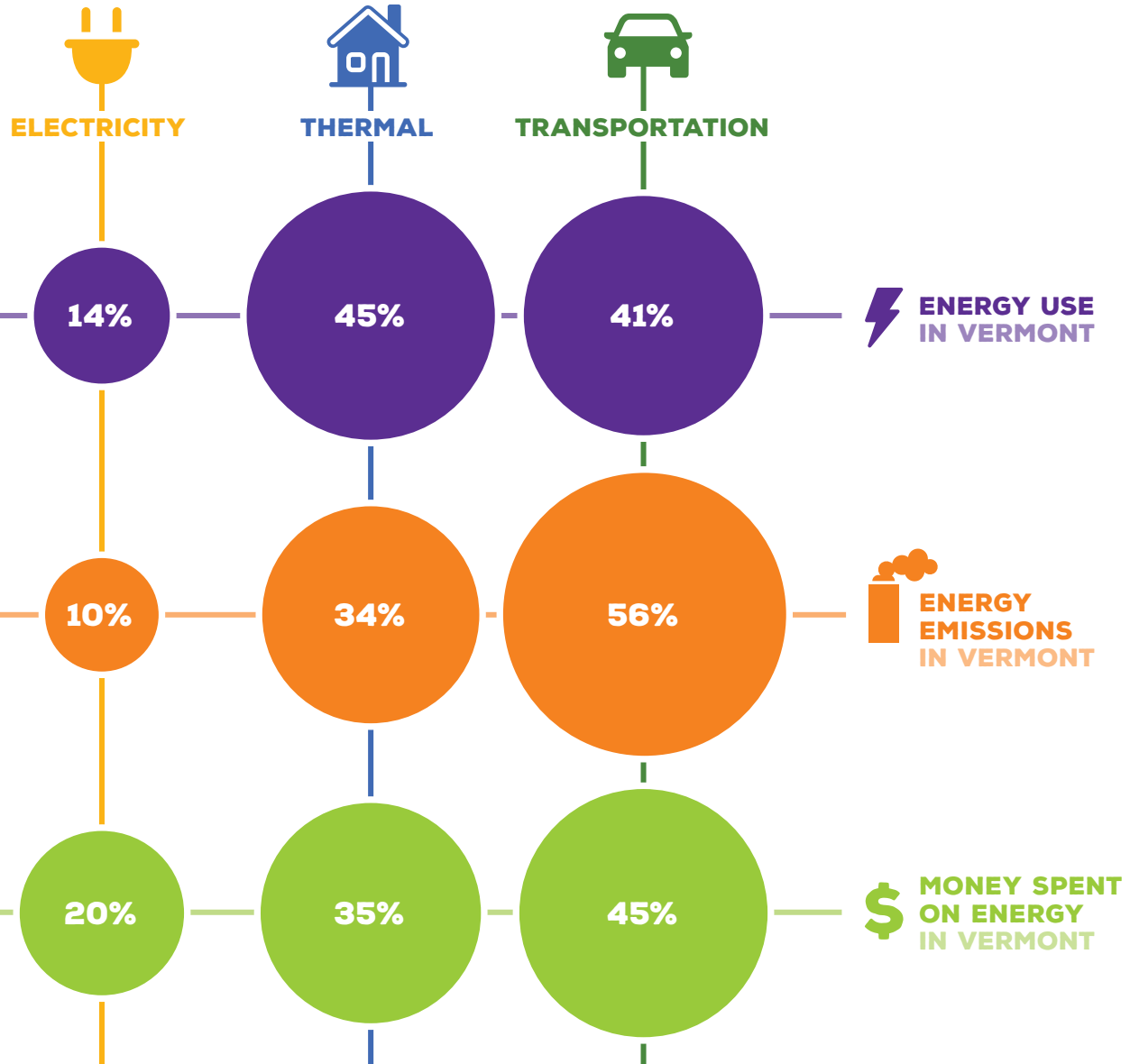
### OUR MISSION

is to build a deep understanding of energy through education, encouraging choices that result in sustainability in our communities, economy and environment.

more  
resources at  
[VEEP.ORG](http://VEEP.ORG)

info@veep.org  
802-552-8674  
Montpelier, VT

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## TRANSPORTATION

Is your family traveling differently during COVID?  
How much do you spend on transportation?  
What can we learn from that for the future?

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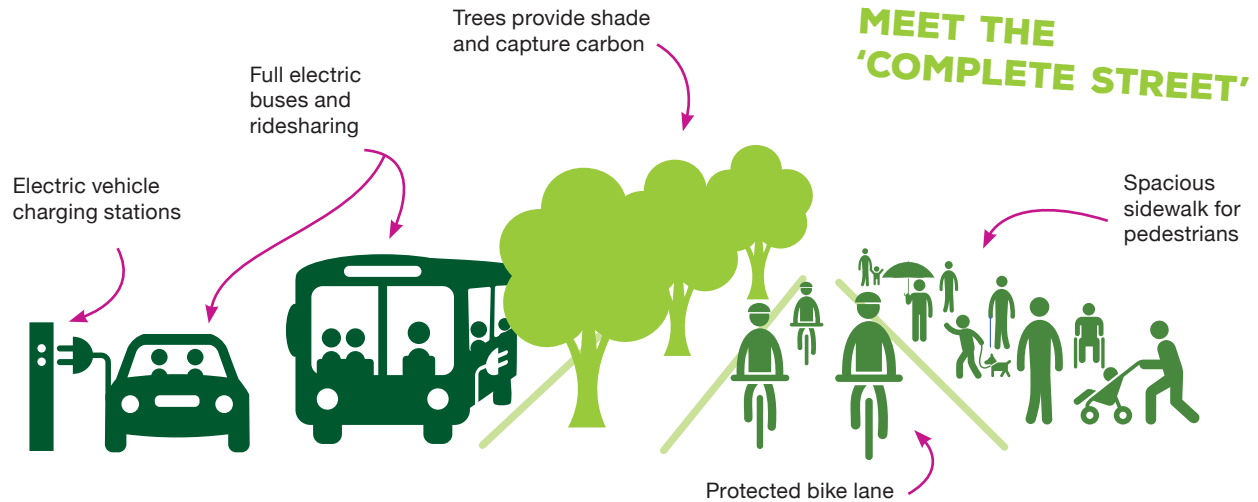
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**139**  
MMBTU/year,  
per family

**25,600**  
lbs CO<sub>2</sub>e/year,  
per family

**\$2,638**/year,  
per family†

† An average family in VT travels approximately 24,000 miles per year in personal vehicles.



### MEET THE 'COMPLETE STREET'

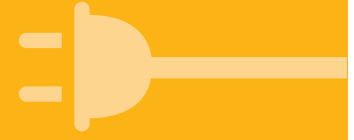
	5,000 miles/year	10,000 miles/year	15,000 miles/year	20,000 miles/year
<b>BIKE OR WALK</b>	Energy: 0 MMBTU/year Cost: \$0/yr (no fuel used) Emissions: 0 lbs CO <sub>2</sub> e/yr	Energy: 0 MMBTU/year Cost: \$0/yr (no fuel used) Emissions: 0 lbs CO <sub>2</sub> e/yr	Energy: 0 MMBTU/year Cost: \$0/yr (no fuel used) Emissions: 0 lbs CO <sub>2</sub> e/yr	Energy: 0 MMBTU/year Cost: \$0/yr (no fuel used) Emissions: 0 lbs CO <sub>2</sub> e/yr
<b>ELECTRIC CAR</b>	Energy: 6.6 MMBTU/year Cost for electricity: \$330/yr Emissions: 700 lbs CO <sub>2</sub> e/yr	Energy: 13 MMBTU/year Cost for electricity: \$670/yr Emissions: 1,400 lbs CO <sub>2</sub> e/yr	Energy: 20 MMBTU/year Cost for electricity: \$1,000/yr Emissions: 2,100 lbs CO <sub>2</sub> e/yr	Energy: 26 MMBTU/year Cost for electricity: \$1,330/yr Emissions: 2,800 lbs CO <sub>2</sub> e/yr
<b>SCHOOL BUS*</b>	Energy: 7.0 MMBTU/year Cost: \$0/yr (no cost to family) Emissions: 1,300 lbs CO <sub>2</sub> e/yr	Energy: 14 MMBTU/year Cost: \$0/yr (no cost to family) Emissions: 2,600 lbs CO <sub>2</sub> e/yr	Energy: 21 MMBTU/year Cost: \$0/yr (no cost to family) Emissions: 3,900 lbs CO <sub>2</sub> e/yr	Energy: 28 MMBTU/year Cost: \$0/yr (no cost to family) Emissions: 5,300 lbs CO <sub>2</sub> e/yr
<b>EFFICIENT CAR</b>	Energy: 21 MMBTU/year Cost for fuel: \$380/yr Emissions: 4,000 lbs CO <sub>2</sub> e/yr	Energy: 43 MMBTU/year Cost for fuel: \$750/yr Emissions: 8,000 lbs CO <sub>2</sub> e/yr	Energy: 64 MMBTU/year Cost for fuel: \$1,130/yr Emissions: 12,000 lbs CO <sub>2</sub> e/yr	Energy: 86 MMBTU/year Cost for fuel: \$1,510/yr Emissions: 16,000 lbs CO <sub>2</sub> e/yr
<b>PICKUP TRUCK</b>	Energy: 36 MMBTU/year Cost for fuel: \$640/yr Emissions: 7,000 lbs CO <sub>2</sub> e/yr	Energy: 73 MMBTU/year Cost for fuel: \$1,280/yr Emissions: 14,000 lbs CO <sub>2</sub> e/yr	Energy: 109 MMBTU/year Cost for fuel: \$1,900/yr Emissions: 20,000 lbs CO <sub>2</sub> e/yr	Energy: 146 MMBTU/year Cost for fuel: \$2,600/yr Emissions: 27,000 lbs CO <sub>2</sub> e/yr

\* The numbers for the school bus are based on the assumption that the bus is ¾ full and 2 children from each household are riding. It assumes that the family does not have to pay to use the school bus (even though it does cost the community to run a bus).

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## ELECTRICITY

What do you use electricity for?  
How much do you spend on electricity?  
Where can you reduce use?



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**6,765**  
kWh/year,  
per family



**2,503 lbs**  
CO<sub>2</sub>e/year,  
per family



**\$1,174/**  
year,  
per family



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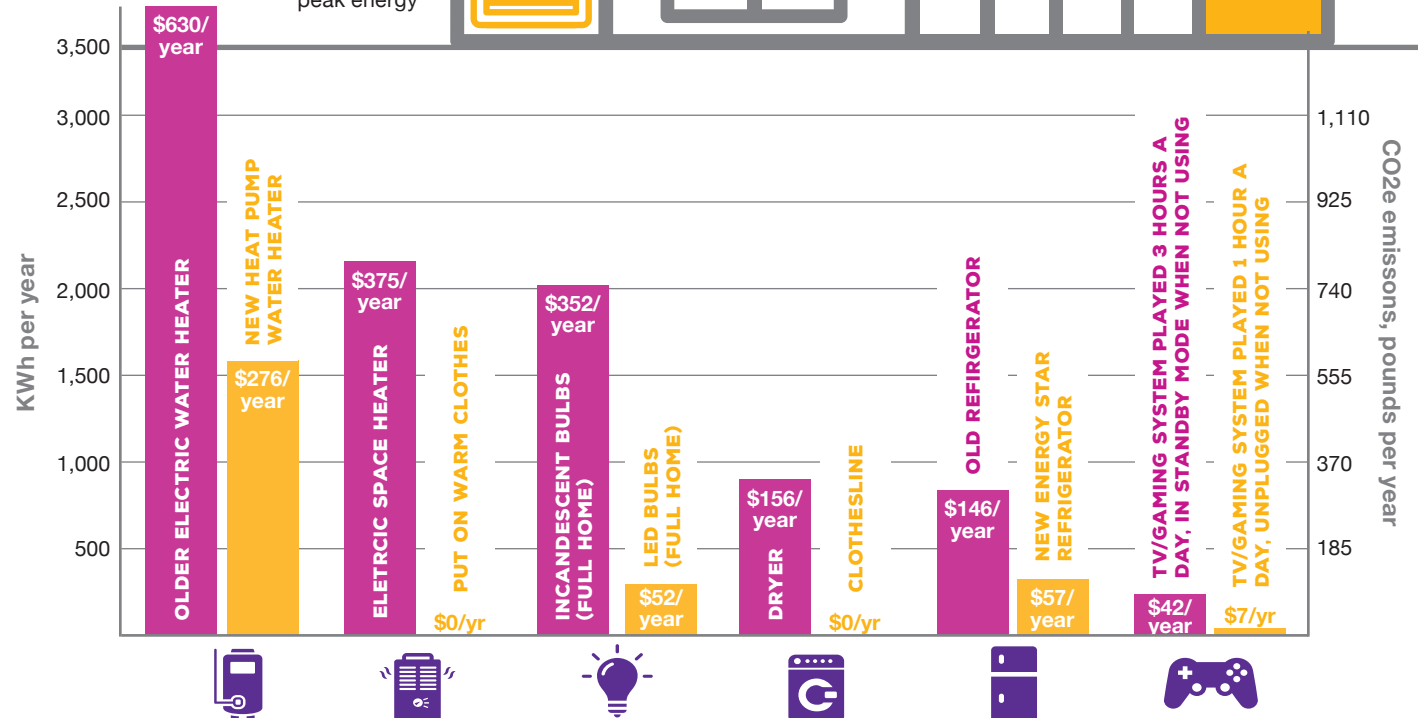
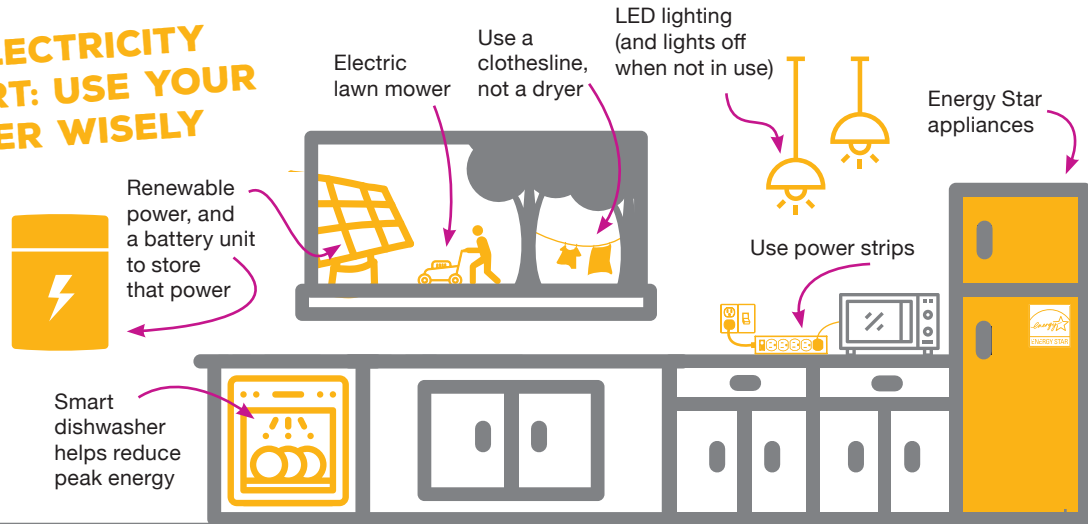
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### BE ELECTRICITY SMART: USE YOUR POWER WISELY



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**85**  
MMBtu/year,  
per family



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**13,900 lbs**  
CO<sub>2</sub>e/year,  
per family

**\$1,500/year**,  
per family

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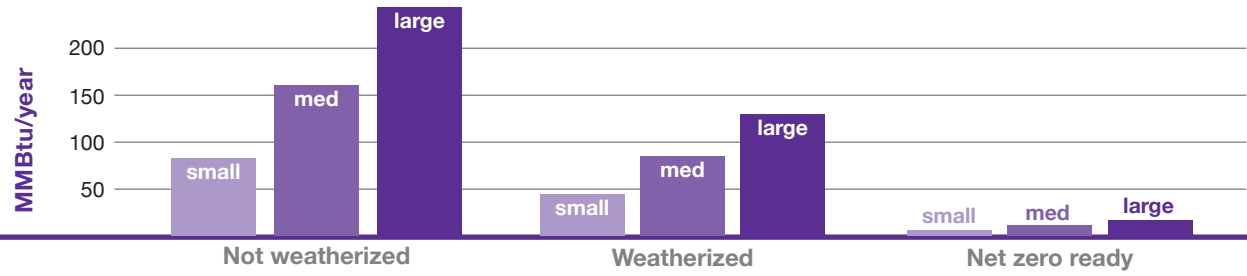
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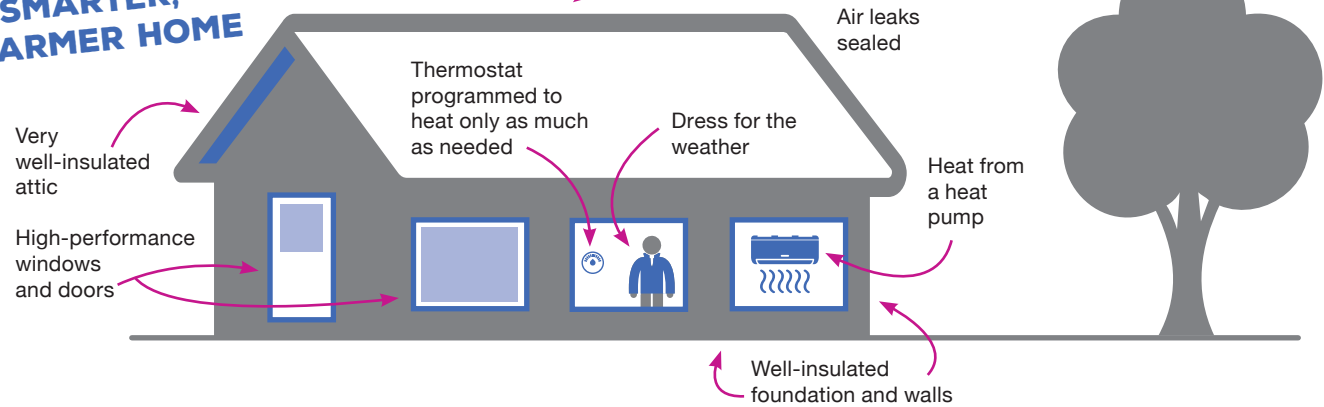
## THERMAL



What fuels do you use for heating and cooling?  
How much do you spend on heating and cooling?  
What can you do about it?



### A SMARTER, WARMER HOME



	Not weatherized	Weatherized	Net zero ready
<b>SMALL HOME</b> 1,200 sq ft	Energy: 83 MMBTU/year Cost: \$1,400/year Emissions: 9,100 lbs CO <sub>2</sub> e/yr	Energy: 44 MMBTU/year Cost: \$800/year Emissions: 4,800 lbs CO <sub>2</sub> e/yr	Energy: 6 MMBTU/year Cost: \$300/year Emissions: 600 lbs CO <sub>2</sub> e/yr
<b>MEDIUM HOME</b> 2,300 sq ft	Energy: 160 MMBTU/year Cost: \$2,800/year Emissions: 17,000 lbs CO <sub>2</sub> e/yr	Energy: 85 MMBTU/year Cost: \$1,500/year Emissions: 9,200 lbs CO <sub>2</sub> e/yr	Energy: 11 MMBTU/year Cost: \$600/year Emissions: 1,200 lbs CO <sub>2</sub> e/yr
<b>LARGE HOME</b> 3,500 sq ft	Energy: 243 MMBTU/year Cost: \$4,200/year Emissions: 26,000 lbs CO <sub>2</sub> e/yr	Energy: 129 MMBTU/year Cost: \$2,200/year Emissions: 14,000 lbs CO <sub>2</sub> e/yr	Energy: 17 MMBTU/year Cost: \$900/year Emissions: 1,800 lbs CO <sub>2</sub> e/yr