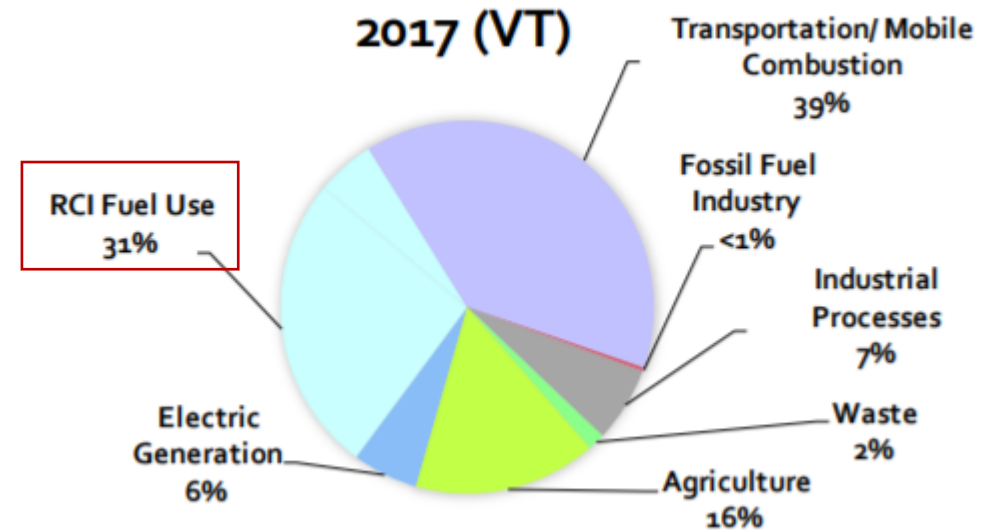


# A Clean Heat Standard Should be Designed to Meet the Global Warming Solutions Act

# The Proposed Clean Heat Standard

**The CHS is intended to reduce greenhouse gas emissions from Vermont's Buildings**



**If enacted in its current form, the CHS would ...**

- **Require companies that sell heating fossil fuels to start selling biofuels, renewable natural gas, woody biomass, heat pumps, and/or building weatherization services**
- **Those things would generate “clean heat credits”**
- **Over time, companies would be required to obtain more and more clean heat credits**

# Achieving the GWSA

Sec. 3. 10 V.S.A. § 578 is amended to read:

§ 578. GREENHOUSE GAS REDUCTION GOALS REQUIREMENTS

(a) ~~General goal of greenhouse~~ Greenhouse gas reduction requirements. ~~It is the goal of the State to~~ Vermont shall reduce emissions of greenhouse gases from within the geographical boundaries of the State and those emissions outside the boundaries of the State that are caused by the use of energy in Vermont ~~in order to make an appropriate contribution to achieving the regional goals of reducing emissions of greenhouse gases from the 1990 baseline, as measured and inventoried pursuant to section 582 of this title, by:~~

(1) ~~25~~ not less than 26 percent from 2005 greenhouse gas emissions by January 1, ~~2012~~ 2025 pursuant to the State's membership in the United States Climate Alliance and commitment to implement policies to achieve the objectives of the 2016 Paris Agreement;

(2) ~~50~~ not less than 40 percent from 1990 greenhouse gas emissions by January 1, ~~2028~~ 2030 pursuant to the State's 2016 Comprehensive Energy Plan; and

(3) ~~if practicable using reasonable efforts,~~ 75 not less than 80 percent from 1990 greenhouse gas emissions by January 1, 2050 pursuant to the State's 2016 Comprehensive Energy Plan.



“Vermont *shall* reduce emissions of greenhouse gases”



26% by 2025



40% by 2030



80% by 2050

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# Achieving the GWSA

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A heating system installed today will likely last for 20 or more years, meaning that it will almost certainly remain in use beyond 2030

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40% by 2030

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80% by 2050

Today's decisions will determine tomorrow's emissions

# Clean heat credits should help meet the GWSA

- Clean heat credits should be awarded in a way ensuring Vermonters living with low- and moderate-income receive equitable access to clean heat
- Clean heat credits create economic value – where that value arises will incentivize certain heating decisions
- To achieve the GWSA, the value should be based directly on accurate greenhouse gas emissions reductions
- And progressively more credits should be issued for progressively cleaner heating sources