

Advanced Wood Heating in Vermont



What is Advanced Wood Heat?



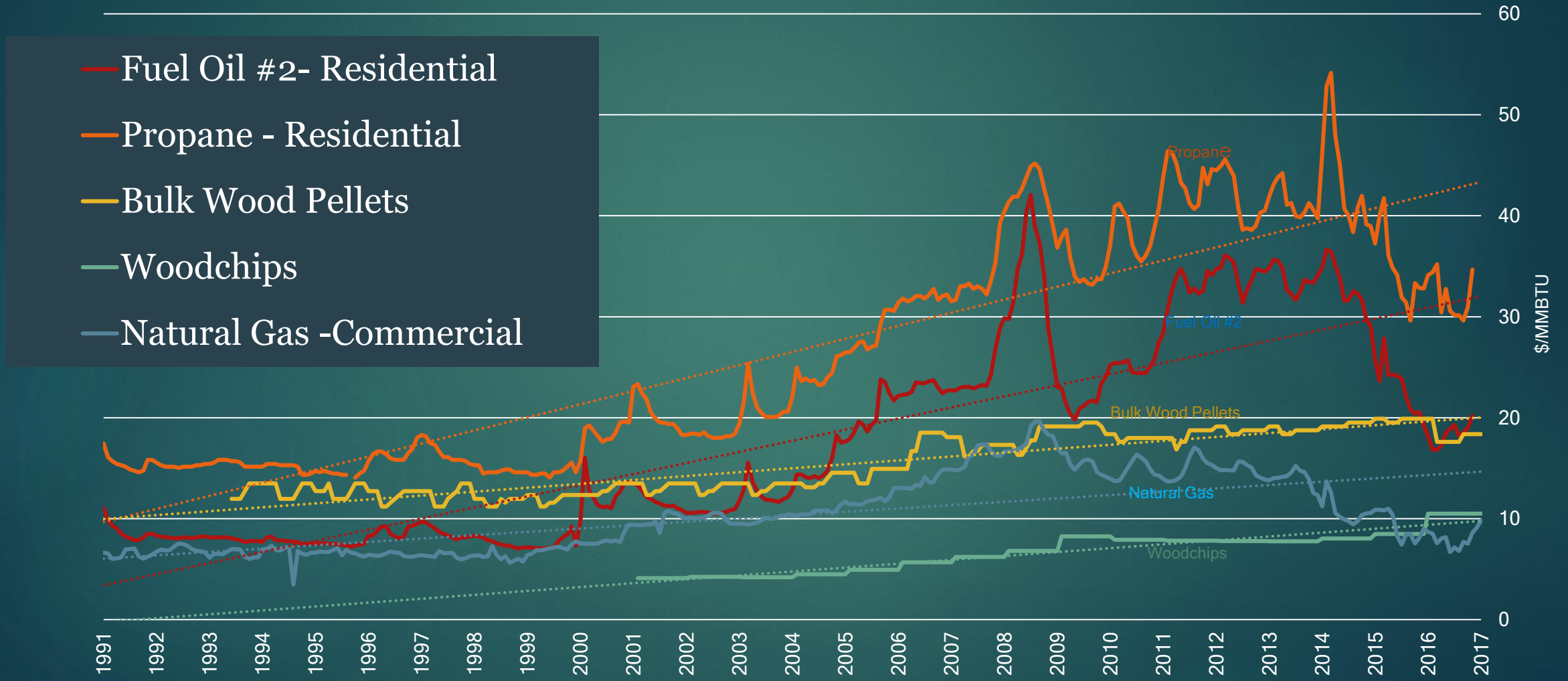
- 1) Utilizes highly efficient combustion technology
- 2) EPA certified negligible emissions
- 3) Supports healthy forest ecosystems
- 4) Utilizes local wood

WOOD IS GOOD

- ✓ Local wood for heating keeps energy dollars local
- ✓ Supports and creates local jobs
- ✓ Develops markets for low-grade wood
- ✓ Fuel price stability and long term savings



Heating Fuel Price History



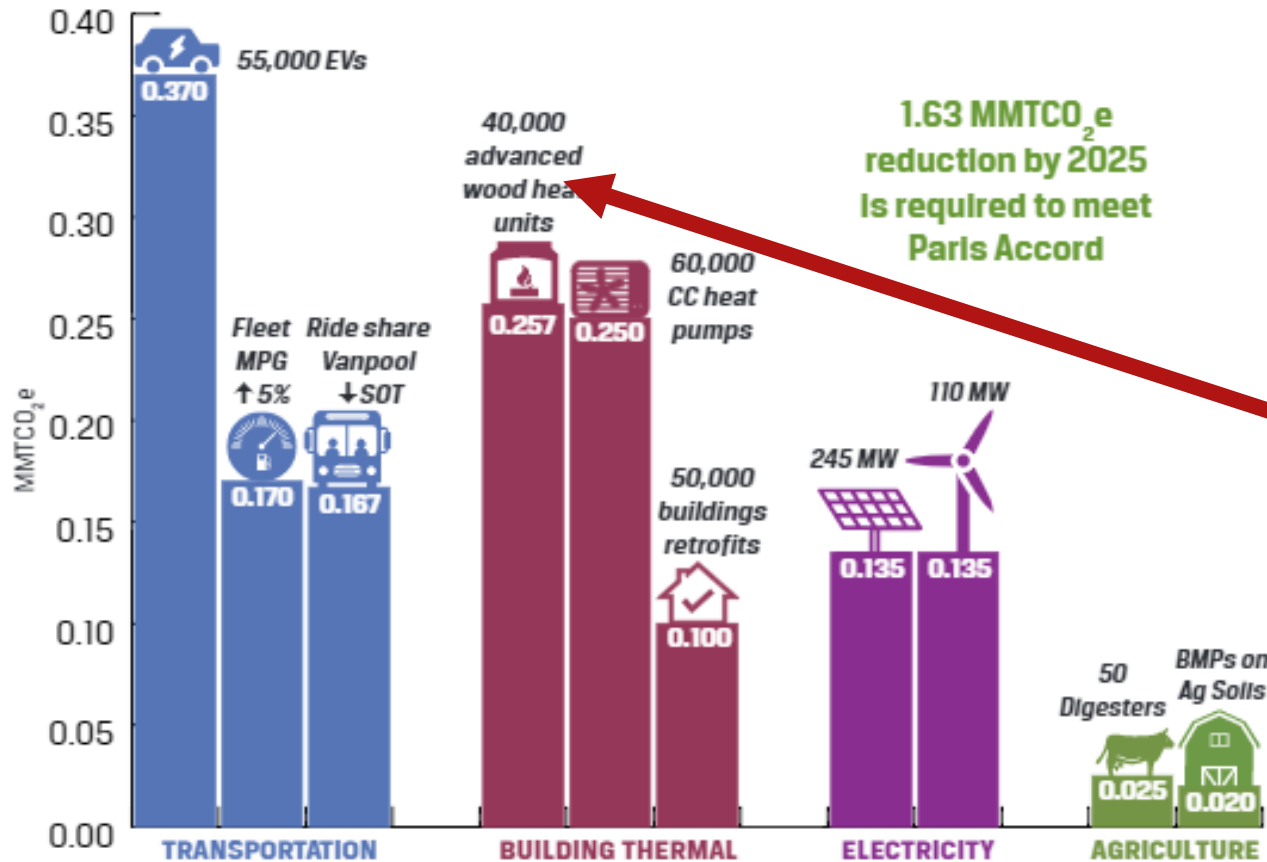
Is There Enough Wood?

Almost 80% of Vermont is forested.

Roughly 900,000 green tons of additional
low grade wood grown annually in
Vermont.



How Many do we Need?



An analysis of the Vermont Climate and Energy Summit determined that we need **40,000** advanced wood heat units installed to reach our 2025 goals. We currently have just over **500**.

Sales Tax Exemption



**The Sales Tax Exemption
is helping!**

Residential systems installed January
through June 2018: **13** (prior to
exemption)

Residential systems installed July
through December 2018: **32** (after
exemption)

Residential Incentives SOON!



Total
\$6,000

Of note: Washington Electric Cooperative offers a \$1,000 incentive on top of the \$6,000 currently offered in Vermont.

Residential Incentives SOON!



Total
\$3,000



Of note: Massachusetts homeowners are eligible for a base rebate of up to **\$10,000** + a thermal storage adder up to **\$2,000**. Residents qualifying for the Income-Based Rebate Adder can qualify for a total award of **up to \$16,500.***

Clean Energy Development Fund (CEDF)

Established by the Vermont General Assembly in 2005 to increase the local supply and utilization of renewable energy

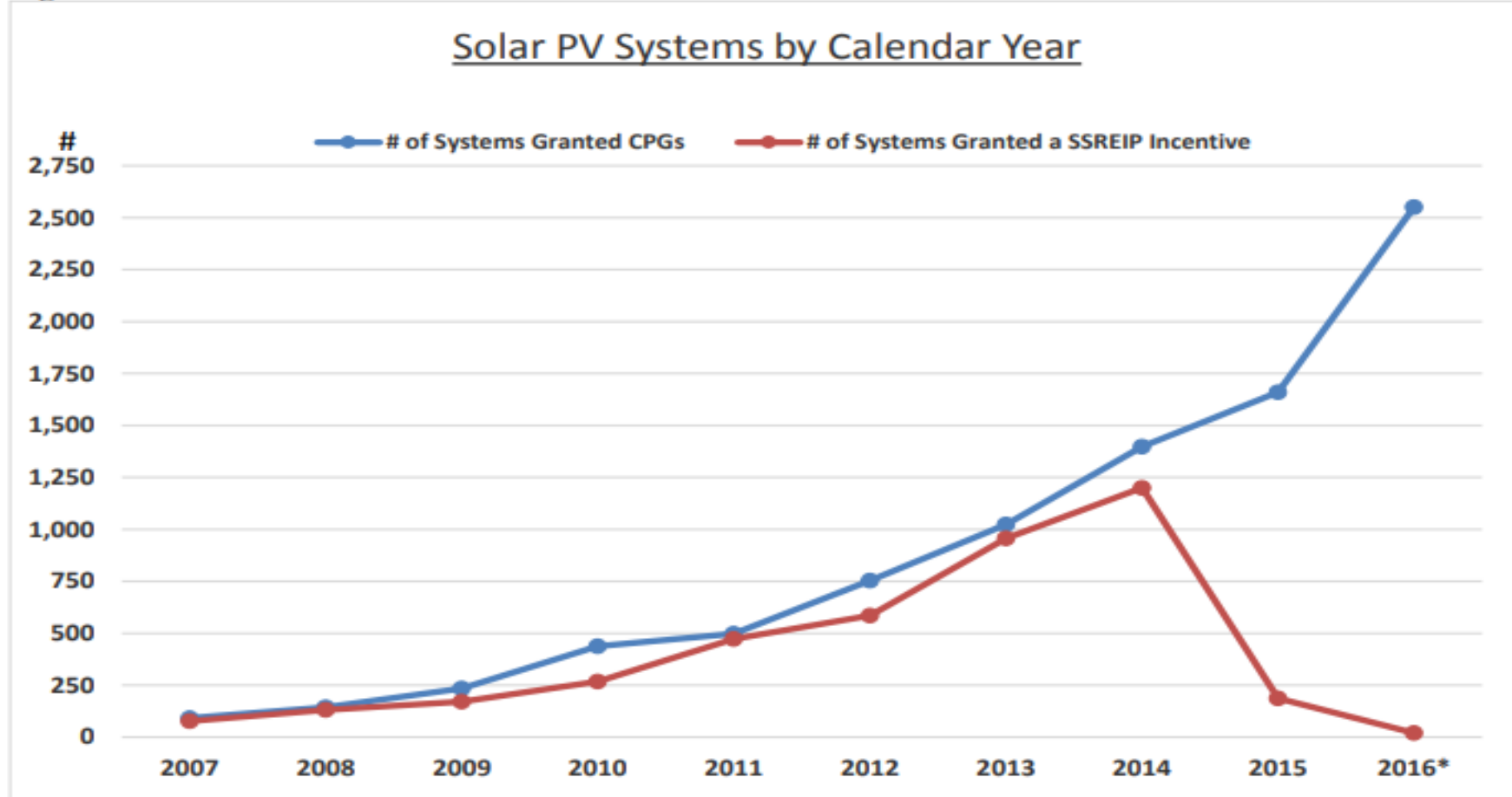


Responsible for **179** advanced wood heat systems, offsetting **488,200** gallons of fossil fuels annually, and offsetting 2,750 tons of carbon*

* Biomass Energy Resource Center data

CEDF cont.

Figure 5: PV CPGs issued and SSREIP incentives for PV



* For 2016, the number for CPG's is estimated.

Action Recommendations

- 1) Support extension of the sales tax exemption for advanced wood heat systems.
- 2) Find permanent funding for the Clean Energy Development Fund and maintain Working Lands funding.





Ansley Bloomer

Ansley@revermont.org

802-595-0723

