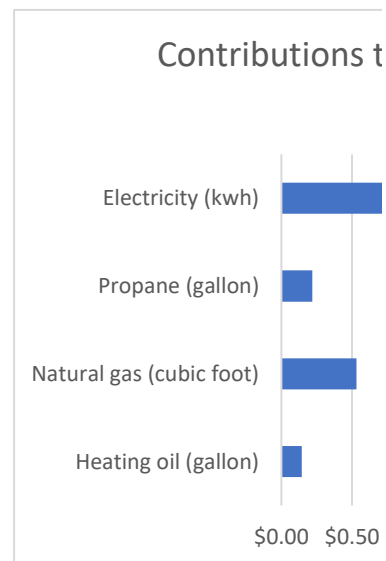


Heating oil (gallon)	
BTU/unit	138,500
efficiency charge (\$)	
fuel tax/GRT per unit	\$0.02
fuel tax/GRT per BTU	\$0.0000001444
efficiency charge per BTU	
Wx plus EEC	\$0.0000001444
total cost of RES	
electricity retail sales	
RES cost per BTU	
Wx plus EEC plus RES per BTU	\$0.0000001444
\$/MMBTu	\$0.1444043321

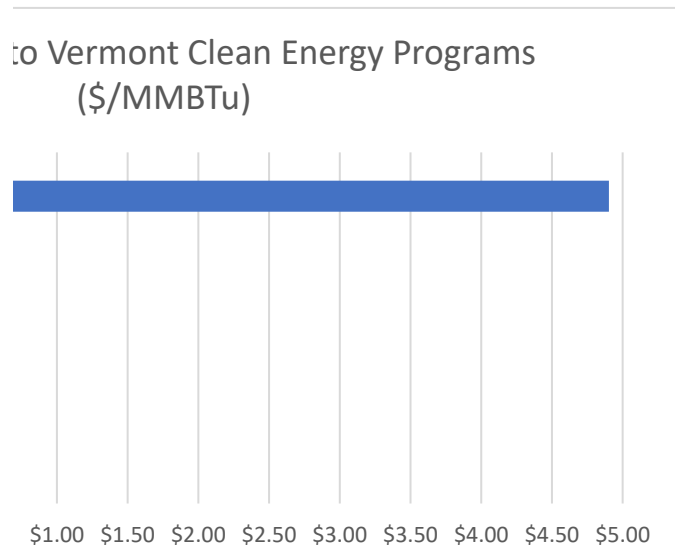
Comparison of Electricity to Heating Oil

Using data from 2019 (forecast for natural gas)



Natural gas (cubic foot)	Propane (gallon)	Electricity (kwh)	Source/notes
1,037	91,452	3,412	U.S. Energy Information Agency
0.00048		0.01371	Case No. 18-2907-INV. 11/06,
\$0.0000712507	\$0.02	\$0.00081	33 V.S.A. § 2503
\$0.0000000687	\$0.0000002187	\$0.0000002378	formula
\$0.0000004629		\$0.0000040182	formula
\$0.0000005316	\$0.0000002187	\$0.0000042560	formula
		\$11,920,000	DPS Annual Energy Report 1/1
		5,405,687,000	DPS Annual Energy Report 1/1
		\$0.0000006463	formula
\$0.0000005316	\$0.0000002187	\$0.0000049023	formula
\$0.5315821525	\$0.2186939597	\$4.9022607023	

	33.9
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cy <https://www.eia.gov/energyexplained/units-and-calculators/british-thermal-units.php>
/18 Order Determining 2019 Energy Efficiency Charge Rates

15/21 p.87

15/21

Notes:

GRT = gross receipts tax per 33 V.S.A. Section 2503

BTU = British Thermal Unit

Wx = Weatherization Assistance Program

EEC = Energy Efficiency Charge per 30 V.S.A. Section 209

RES = Renewable Energy Standard

DPS = Department of Public Service

MMBTu = million British Thermal Unit