

ENERGY IS...

VERMONT



TAP THE SAP!

HEAT: Burners to heat the syrup before bottling to prevent fermentation, may be fueled by propane or natural gas.

BOTTLES: Plastic bottles, made from natural gas or feedstocks.

SPILES: Stainless steel spouts tap maple tree sap. Natural gas is among the energies used to make stainless steel.

TANKS: Sugarhouse storage tanks, often made of polyethylene or fiberglass, both derived from natural gas.

TUBES: Plastic tubing running from multiple trees directly to the sugarhouse, made from natural gas or petroleum. Some large manufacturers have up to 20,000 trees connected by tubing.

Energy is Everything.

In virtually every human activity and invention, energy plays an important role: powering, building and improving the quality of everyday life.

Manufacturing maple syrup in Vermont helps illustrate the point.

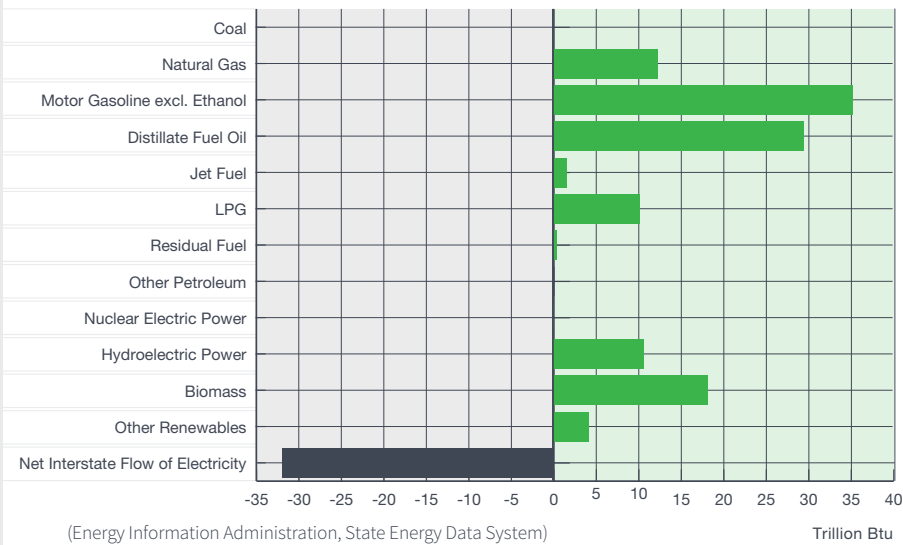
Much of the work producing syrup is tapping maple trees for their sap that is manufactured into syrup. Modern plastics made with natural gas have reduced the need to hang collection buckets from individual trees. Energy helps bring something sweet to eat to breakfast tables everywhere.

QUICK FACTS:

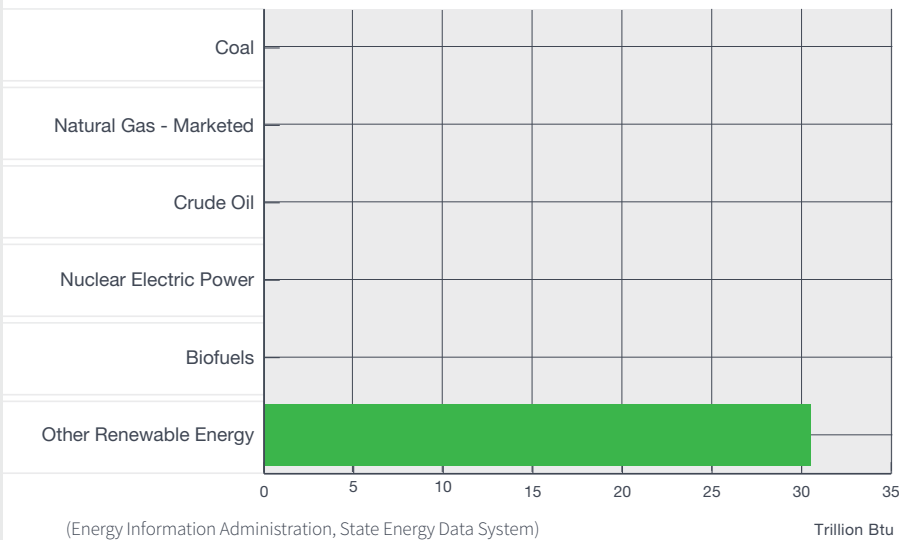
- Vermont's **1,500** sugarhouses produced nearly **2 million gallons** of maple syrup in 2016, nearly half of the United States' supply.
- The state's maple industry supports nearly **3,000** full-time jobs.
- Maple tree sap is **98 percent** water, **2 percent sugar**.
- It takes about **42 gallons** of sap to produce **1 gallon** of syrup.

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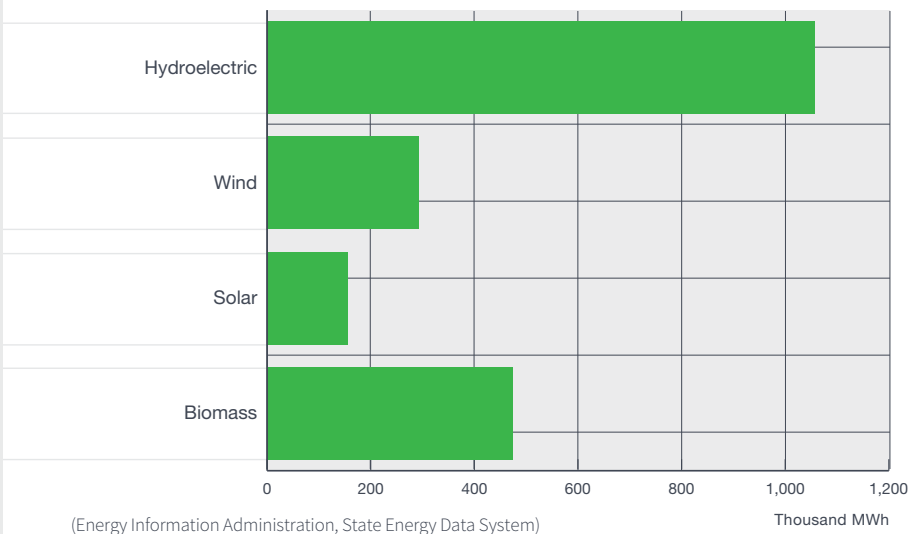
VERMONT ENERGY CONSUMPTION ESTIMATES 2015



VERMONT ENERGY PRODUCTION ESTIMATES 2015



VERMONT NET ELECTRICITY GENERATION BY SOURCE 2016



ON THE ISSUES

NATURAL GAS MARKETS



Enrico Biasseti

NG Advantage

“Our aim ... is to help our partners keep their energy prices low and to enable them to put more of their money into directly helping those who rely on their services. In this case, we’re hopeful this transition will let [Southwestern Vermont Health Care] devote even more resources to delivering outstanding care to patients, rather than worrying about monthly energy bills.”

INFRASTRUCTURE



Don Rendall

Vermont Gas

“We are thrilled to play an important role in the Addison County community and offer an energy choice that’s cleaner and more affordable than other alternatives. We are so glad the [natural gas pipeline expansion] project is complete so that we can focus on what we do best: delivering great service to our customers, including energy efficiency, to help them reduce their energy needs and save even more.”