



Wind & Solar

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EOS Ventures

Our goal is to develop and own renewable projects.

Technologies Include:

- Wind
- Solar
- Co-Generation (Combined Heat & Power)
- *Thermal Storage*



Vermont Development Goals

- **Act 170**, the Vermont Energy Act of 2012, set new goals for adoption of renewable energy: 55% of each utility's energy should come from renewable sources by 2017, and 75% by 2032.
- SPEED Program goal of 127.5 MW in 2022.
- Increased rights to construct renewables.
- Streamlined permitting (10 kW AC or less).
- *For more information, visit www.dsireusa.org
dsireusa.org*

Wind

Four Components of a Wind Project:

- Wind Resource
- Interconnection
- Permitting
- Financing



FloDesign Wind Turbine

Next Gen Turbines



Benefits

- Works in higher and lower wind speeds.
- Reduces noise and view issues.
- Lower tower, no FAA light.
- Less use of land.
- Smaller turbines.
- Greatly reduced flicker and ice throw issues.

Solar



Components needed for a solar project:

- Adequate roof space or land
- Interconnection
- Facing south
- Permitting
- Financing



Financing

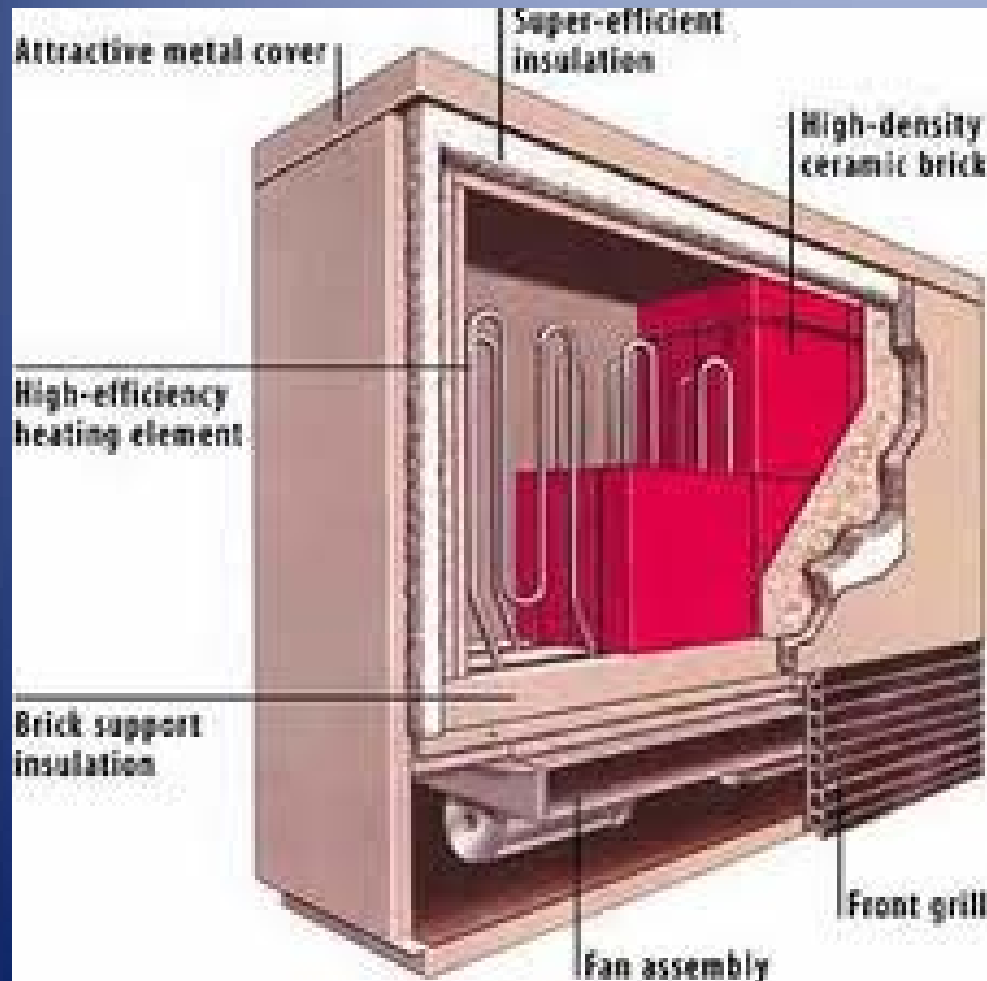
- Federal Incentives
 - 30% Investment Tax Credit
 - New Market Credits
 - Grants
- State Incentives
 - Grant
 - Feed in Tariff
 - REC/SREC (Solar Renewable Energy Credits)
- Loans
- Private Equity

Vermont Incentives

- Corporate Tax Credit for small wind (100 kW), solar, and many more, 7.2%.
- Sales Tax Incentive exempts all sales tax up to 250 kW sized systems.
- Property Tax Incentive exempts systems under 10 kW and \$4 per kW for larger systems.
- Equipment only. Local assessors will apply town taxes additionally.
- Option for local towns to exempt all renewables.
- SPEED Program.
- Net Metering.
- Green Mountain Solar \$0.06 Net Metering adder (up to 500 kW).

Legislative Update

Thermal Storage



- Great tool for grid operators.
- Takes advantage of existing infrastructure.
- Smooths out power spikes and valleys.
- Reduces curtailment or “furlough” .

Questions?