



**United States  
Department of  
Agriculture**

<b>State</b>	<b>Senators</b>	<b>Representatives</b>	<b>Program</b>	<b>Recipient</b>	<b>Grant</b>	<b>Project Description</b>
VT	Bernie Sanders, Peter Welch	Becca Balint	REAP Renewable and Energy Efficiency Program	Ryegate Associates	\$1,000,000	<p>This Rural Development investment will be used to install a Waste Heat Recovery module, which will retrofit the Ryegate Biomass Power Plant in East Ryegate, Vermont, to capture waste heat, therefore generating new heat energy. This module will be installed at the base of the plant stack and increase the amount of energy generated by the Ryegate Plant by an additional 315,466 mmBtus annually, for which Ryegate has an off-take agreement.</p> <p>The Ryegate Biomass Power Plant has been in continuous operation since 1992, producing 22.5MW/19.6 MW (Net) to the Vermont electric grid from 250,000 annual tons of wood chips. This project will retrofit this operation, converting it into a combined heat and power plant. The annual value of this additional energy generation is \$1,892,676.</p>

VT	Bernie Sanders, Peter Welch	Becca Balint	REAP Renewable and Energy Efficiency Program	Autumn Harp Inc.	\$784,245	This Rural Development investment will be used to install a roof-mounted solar array at Autumn Harp, a beauty and personal-care contract manufacturer in Essex, Vermont. The array is expected to generate roughly 770,500 kilowatt hours (kWh) yearly, a value of \$114,100. This will replace approximately 23 percent of the Company's historical annual energy consumption.
VT	Bernie Sanders, Peter Welch	Becca Balint	REAP Renewable and Energy Efficiency Program	Gregory Beaudoin	\$97,523	This Rural Development investment will be used to install roof-mounted solar arrays on the barns at Greg Beaudoin Farm in Jeffersonville, Vermont. The project will generate an estimated 81,000 kilowatt hours (kWh) annually, and offset energy consumption from the daily operations and generate additional income. Historically consuming roughly 57,000 kWh of power valued at \$10,100, Beaudoin Farm will account for all of the expense through the new renewable-energy project.

VT	Bernie Sanders, Peter Welch	Becca Balint	REAP Renewable and Energy Efficiency Program	P&P Marketplace Inc.	\$142,866	This Rural Development investment will be used to install a roof-mounted solar array at the Wings Market & Deli in Fairlee, Vermont. The array will generate an estimated 117,000 kilowatt hours (kWh) valued at \$19,100, which will offset roughly 33 percent of the business's annual energy consumption.
VT	Bernie Sanders, Peter Welch	Becca Balint	REAP Renewable and Energy Efficiency Program	Peter Gebbie dba Gabbie's Maplehurst Farm	\$91,395	This Rural Development investment will be used to install a 67.2 kilowatt (kW) direct current (DC), roof-mounted solar array on a new storage shed at Gabbie's Maplehurst Farm in Greensboro, Vermont. To be more environmentally friendly, Farm owners converted from dairy to beef and installed a methane digester in 2012. Now, the shed's rooftop will be transformed into an economically and environmentally beneficial, energy-generating asset that will produce 77,315 kilowatt hours (kWh) of electricity, offsetting 88 percent of the Farm's annual energy usage and saving over \$15,000 annually.