



Financial Incentives for Commercial Sustainable Energy in New Hampshire

Produced by NH Rural Renewables, www.lrcc.edu/nhrr

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<u>Federal Incentives</u>	<u>Leading Organization</u>	<u>Information Source</u>	<u>Eligible Technologies</u>	<u>Incentive Details</u>	<u>Special Requirements & Notes</u>
Business Energy Investment Tax Credit (ITC)	U.S. Internal Revenue Service	www.irs.gov/form3468	Solar Thermal, Solar PV, Wind, Geothermal Heat Pumps	30% tax credit for solar, geothermal, or wind; 10% for microturbines	Consult current rules for many requirements, exceptions, phaseouts and other details.
Renewable Electricity Production Tax Credit (PTC)	U.S. Internal Revenue Service	www.irs.gov/form8835 https://www.energy.gov/savings/renewable-electricity-production-tax-credit-ptc	Electricity from Solar, Wind, Biomass, Geothermal, etc.	Wind & Solar:: \$0.023/kWh; Solar: First 10 years of Operation	Cannot claim while claiming the ITC. Also has many details.
Depreciation-Modified Accelerated Cost-Recovery System (MACRS)	U.S. Internal Revenue Service	www.irs.gov/pub946	Solar, Wind, Biomass, Geothermal Heat Pumps and other equipment	Accelerated depreciation tax benefit for eligible renewable energy equipment.	100% first year expensing "bonus depreciation" may be available for eligible renewable energy equipment. Through 2023. Consult a tax advisor about details. Depreciation rules for NH business taxes may be different.
Natural Resource Conservation Service (NRCS) On-Farm Energy Efficiency	USDA, Natural Resources Conservation Service, Environmental Quality Incentives Program (EQIP)	www.nrcs.usda.gov/wps/portal/nrcs/main/nh/energy/	Agricultural energy efficiency, incl. building envelope, heating and cooling, lighting, irrigation pumps, refrigeration, etc.	Financial assistance to analyze farm systems and identify energy efficiency opportunities through an Agricultural Energy Management Plan (AgEMP)	Incentives for both identifying and implementing energy efficiency. Applications accepted throughout the year; details and restrictions apply. AgEMP must be completed by a certified NRCS Technical Service Provider.
Rural Energy for America Program (REAP)	U.S. Department of Agriculture (USDA), Rural Development	www.rd.usda.gov/programs-services/rural-energy-america-program-renewable-energy-systems-energy-efficiency/nh	Solar, Wind, Biomass, Geothermal, Biogas, Energy Efficiency	Grants and loans. Grants limited to 25% of project cost, with \$5,000 minimum	For rural small businesses and ag. producers. Extensive application process and financial requirements. Typically 4/30 and 10/31 application deadlines.
NH Rural Renewables (REAP-funded)	NH Rural Renewables grant program, funded by USDA Rural Development	www.lrcc.edu/nhrr LRCC, PAREI and NHSEA collaboration	Solar, Wood Energy, Other Renewable Energy and Energy Efficiency	Free technical and development assistance to eligible rural small businesses	Eligibility: small business in rural NH with existing commercial energy uses, or NH agricultural producer. Renewable energy emphasis.

The Database of State Incentives for Renewables & Efficiency (DSIRE) www.dsireusa.org/ has more information about federal, state and local incentives.

Contact sources for specific information. Incentives are subject to change, may not be combinable and accuracy cannot be assured. Eligible NH small businesses can get additional technical assistance from the NH Rural Renewables program. Get started survey at: www.lrcc.edu/nhrr

<u>New Hampshire Incentives</u>	<u>Leading Organization</u>	<u>Information Source</u>	<u>Eligible Technologies</u>	<u>Incentive Details</u>	<u>Special Requirements & Notes</u>
Renewable Energy Fund C&I Energy Rebate Programs	NH Public Utilities Commission, Sustainable Energy Division	www.puc.nh.gov/Sustainable%20Energy/RenewableEnergyRebates-CI.html	Solar PV & Thermal Bulk-Fed Wood Pellet Furnaces & Boilers	PV: \$0.40/Watt Thermal: \$0.07-0.12/rated kBtu/year Up to 40% of system cost	Solar: \$50,000 max. Wood: \$65,000 max. Program funding varies annually. Applications accepted until funding is fully reserved
Renewable Energy Fund C&I Competitive Grant Program	NH Public Utilities Commission, Sustainable Energy Division	www.puc.nh.gov/Sustainable%20Energy/RFPs.htm RFP@puc.nh.gov	Renewable Energy Projects Not Eligible for Rebate Programs	Minimum \$150,000 (varies with available funding)	Competitive awards. RFP & proposals usually released & accepted in September/October.
Net Metering & Group Net Metering	Eversource, Liberty Utilities, and Unitil (*NH Electric Co-op net metering tariff is different than listed)	www.puc.nh.gov/Sustainable%20Energy/Net%20Metering/NetMetering.html (or by utility)	Solar PV, Hydroelectric, Cogeneration, Small Wind -- connected to electric grid System size: <1 megawatt	Esorce, LU & Unitil: 1-100 kW: default energy rate plus transmission & 25% of distribution rates*. 101-1000 kW: Default energy rate only*.	Net metering offsets onsite electric use, and compensates for electricity exported to the grid. Group net metering offsets multiple meters on- or off-site. Subject to utility interconnection regulations.
Business Energy Conservation Revolving Loan Fund	NH Business Finance Authority	www.nhbfa.com/businessenergyloan/ 603-415-0190	Energy Efficiency- all aspects	\$100,000 minimum loan amount with energy audit required	Businesses and charitable non-profits eligible. Loan payments structured to match energy savings.
CDFA Clean Energy Fund (CEF)	NH Community Development Finance Authority (CDFA)	Scott Maslansky, 603-717-9123 www.nhcdfa.org/energy/	Renewable Technologies, Energy Efficiency & Energy Audits	Low-interest loans. Small business energy audit program (75% cost-share). Technical assistance	Loans and services can be tailored to business needs. CDFA will work with applicants to identify an energy auditor & implement recommendations.
Renewable Energy Certificates	NH Public Utilities Commission	www.puc.state.nh.us/Sustainable%20Energy/RPS_FAQs.htm	Solar, Wind, Biomass, Hydroelectric, etc.	Thermal RECs capped at \$25/MWh. Solar RECs are capped at \$55/MWh	RECs are market-driven and prices vary. Selling RECs requires an independent monitor & aggregator.
NHSaves@Work Utility Energy Efficiency Incentives	NHSaves electric & gas utilities: Eversource, Liberty Utilities, NH Electric Co-op & Unitil	nhsaves.com/programs/#business	LED lighting, motors, heat pumps, controls, appliances, VFDs, building envelope, etc.	Prescriptive and custom incentives -- varies by measure and energy savings.	See nhsaves.com for details, or contact a utility C&I energy efficiency expert. On-bill or low-interest financing may also be available.
Local Property Tax Exemption	Municipal tax assessor offices	www.nh.gov/osi/energy/saving-energy/incentives.htm	Solar Thermal, Solar PV, Wind and Biomass installations	Partial or full exemption of property taxes. See map .	Only active solar- PV and solar thermal collectors. (Some tax assessors do not count renewable equipment as real property.)