Renewable Energy Vermont represents businesses, non-profits, utilities, and individuals committed to reducing our reliance on dirty fossil fuels by increasing clean renewable energy and energy efficiency in Vermont. Vermont's clean energy economy supports at least 17,715 sustainable jobs, representing approximately 6% of Vermont's workforce. Together, we will achieve 90% total renewable energy (electric, thermal, transportation) by 2050 in order to reduce climate pollution.

Vermont's Clean Energy Economy

Vermont's clean energy economy has grown by 20% since 2013, creating 2,927 new jobs.

10,918 energy efficiency

2,379 solar

635 woody biomass

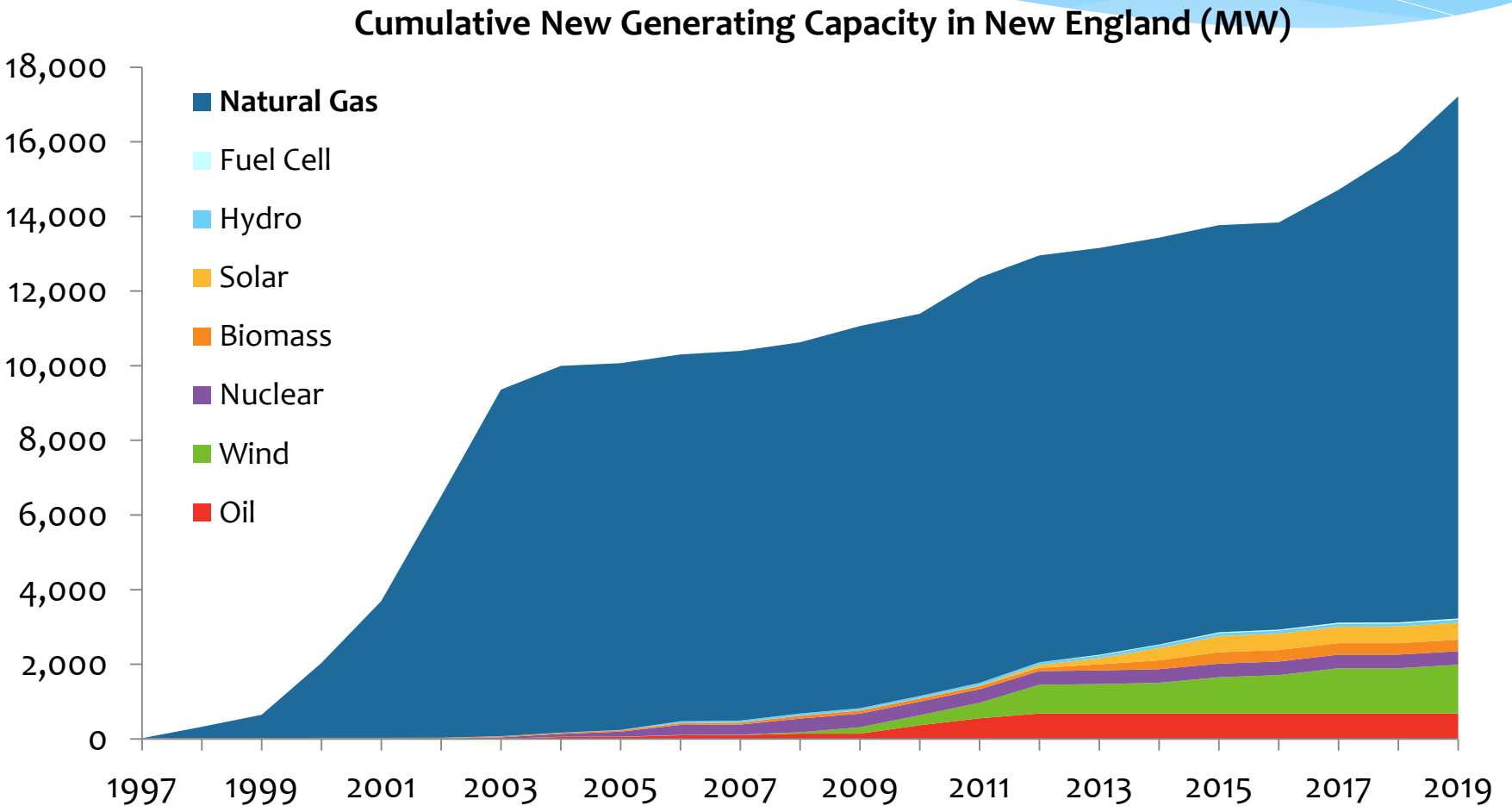
328 wind

249 storage

111 hydro

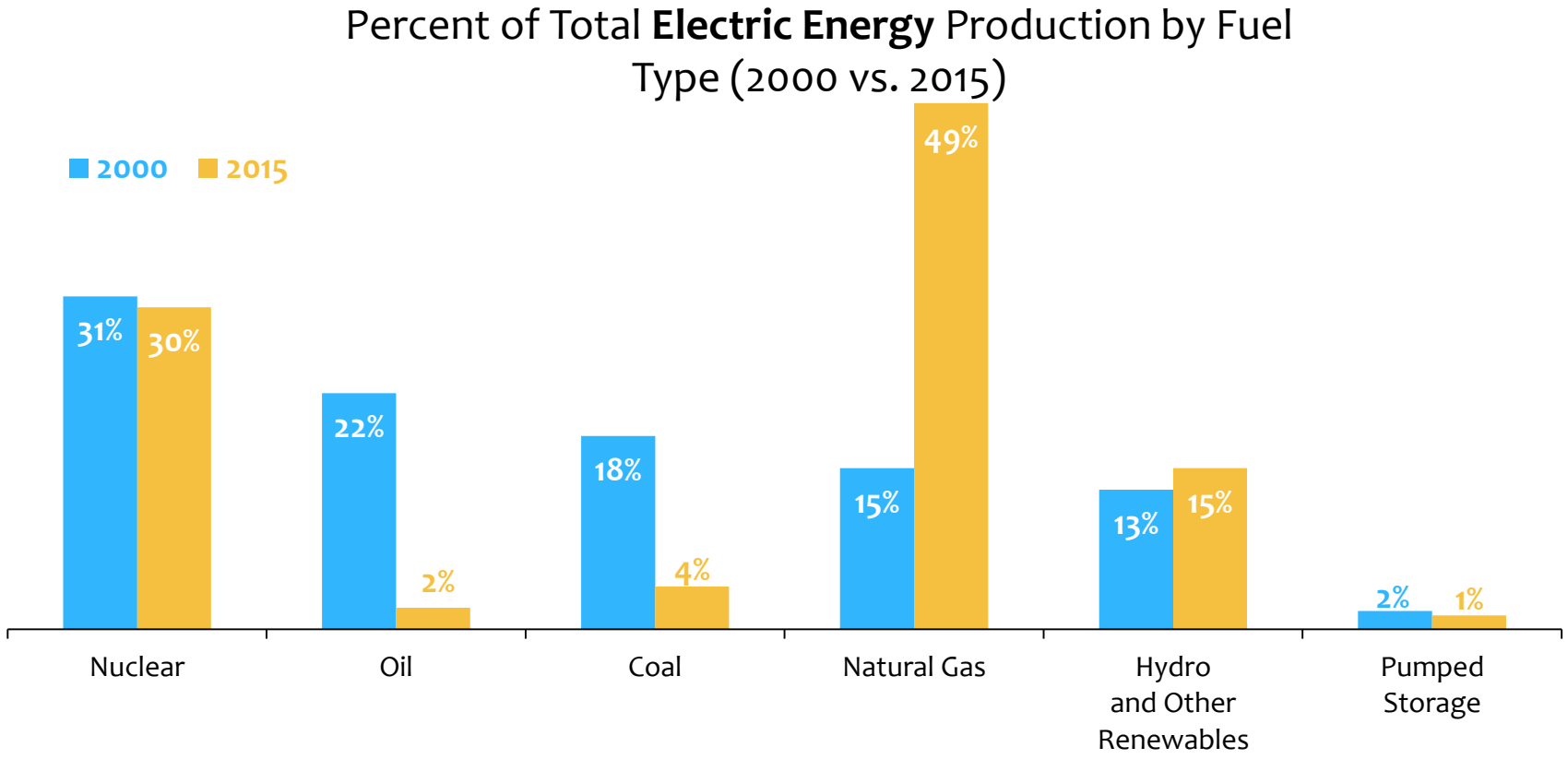
A majority of clean energy companies are small businesses with 5 or fewer employees.

Natural Gas Is the Dominant Fuel Source for New Generating Capacity in New England



Source: ISO New England

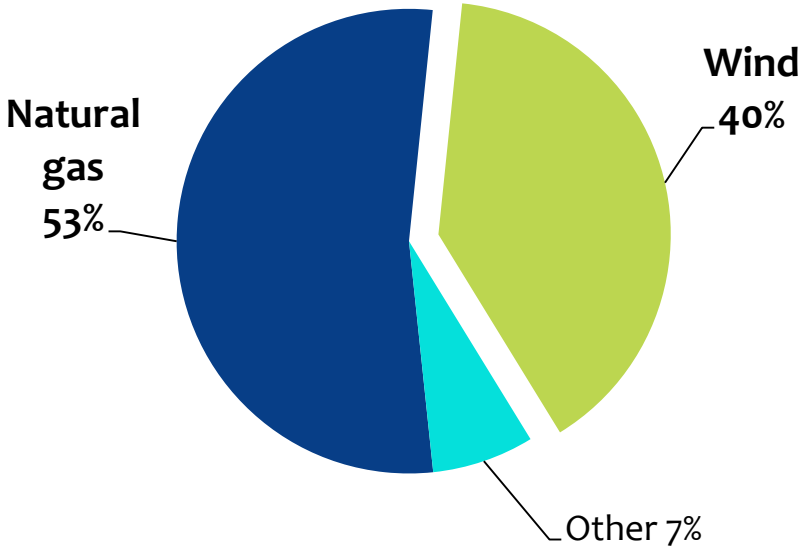
New England Has Seen Dramatic Changes in the Energy Mix



Source: ISO New England Net Energy and Peak Load by Source
Other renewables include landfill gas, biomass, other biomass gas, wind, solar, municipal solid waste, and miscellaneous fuels

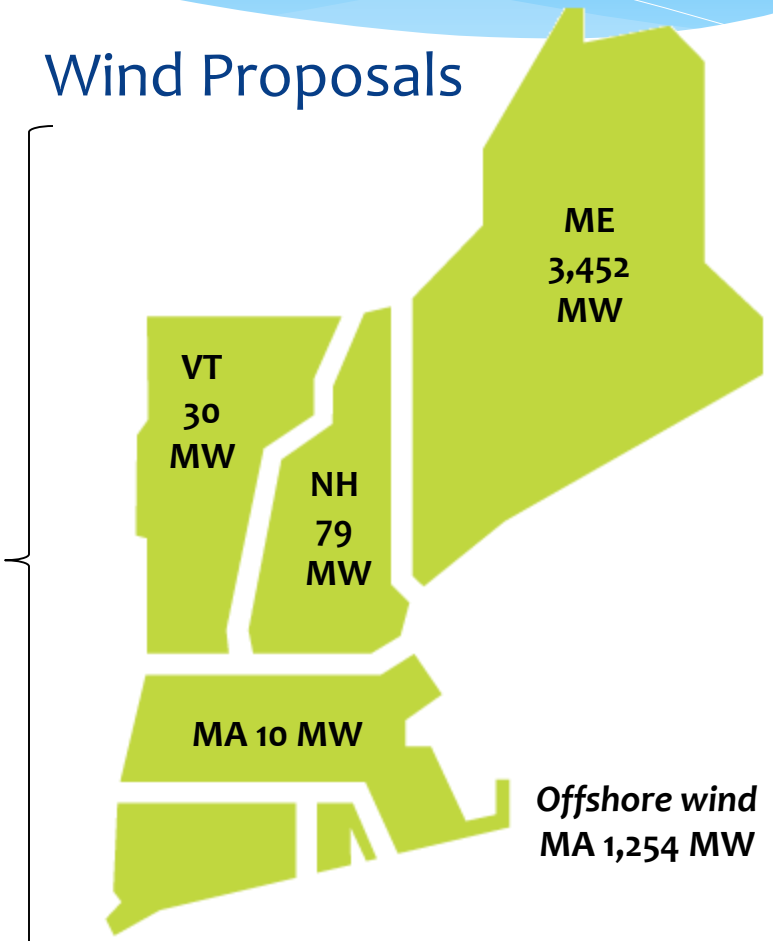
Proposed Generation

More than 12,000 MW of new generation, including almost 6,500 MW of gas-fired generation and more than 4,800 MW of wind is proposed in New England

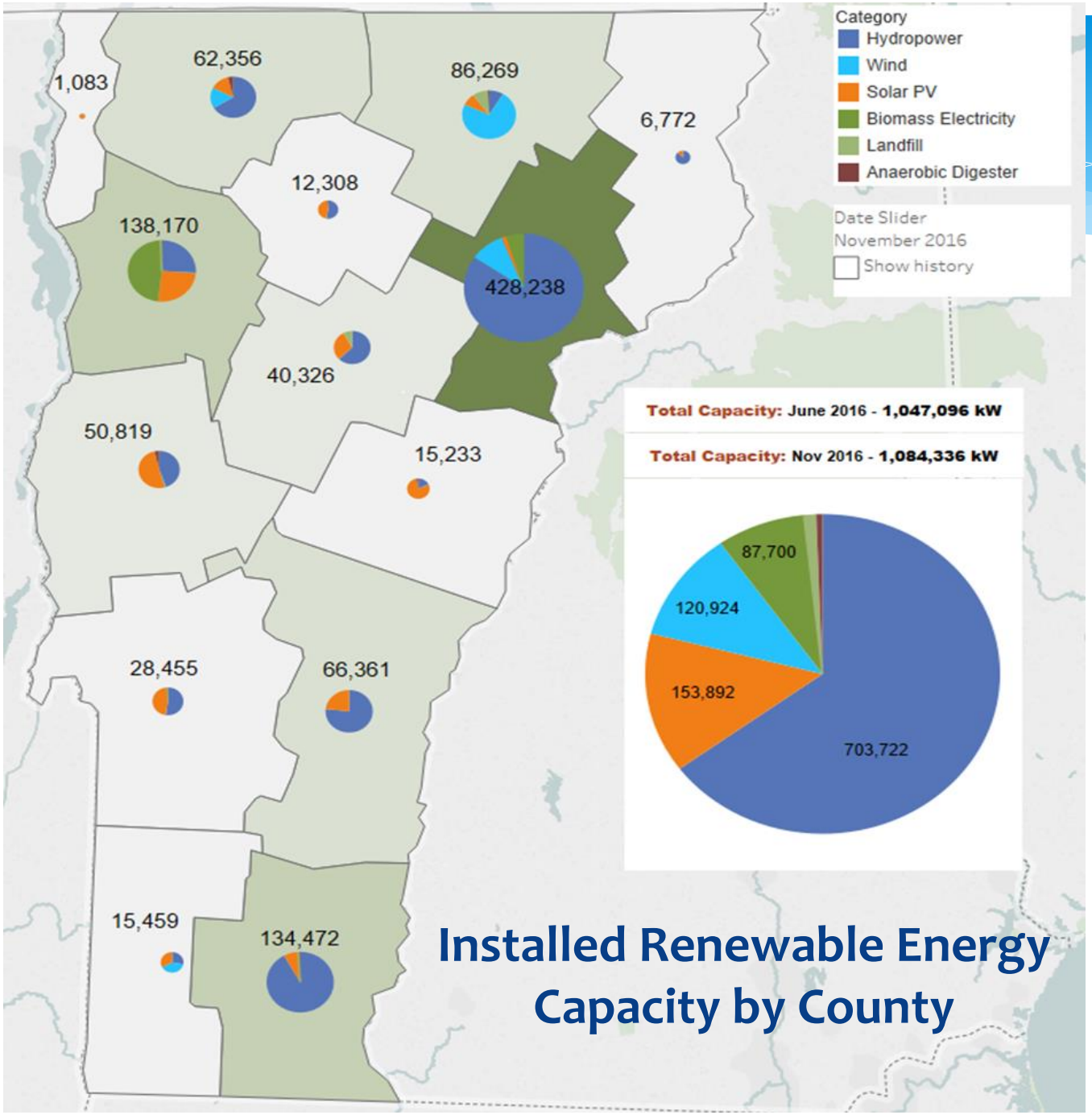


Source: ISO Generator Interconnection Queue (September 2016)
FERC Jurisdictional Proposals Only

Wind Proposals



Source: ISO Generator Interconnection Queue (September 2016)
FERC Jurisdictional Proposals



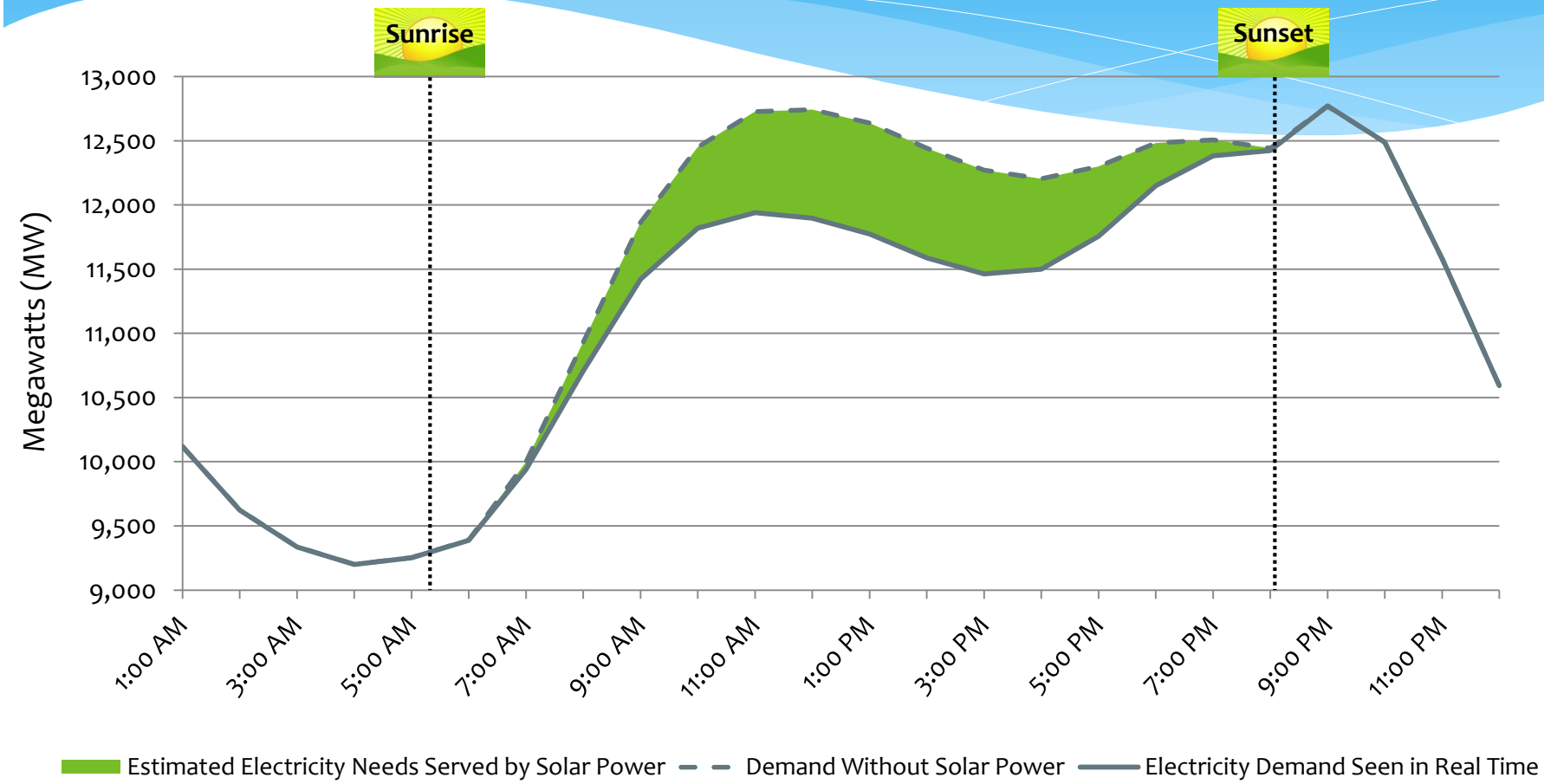
Installed Renewable Energy Capacity by County

Top Solar States

State	Cumulative Solar Electric Capacity per Capita 2015 (watts/person)	2015 Rank	2014 Rank
Nevada	421	1	3
Hawaii	394	2	1
California	338	3	4
Arizona	337	4	2
North Carolina	208	5	9
New Jersey	182	6	5
Vermont	181	7	7
New Mexico	175	8	6
Massachusetts	153	9	8
Colorado	99	10	10

Data from GMT Research, *U.S. Solar Market Insight*.

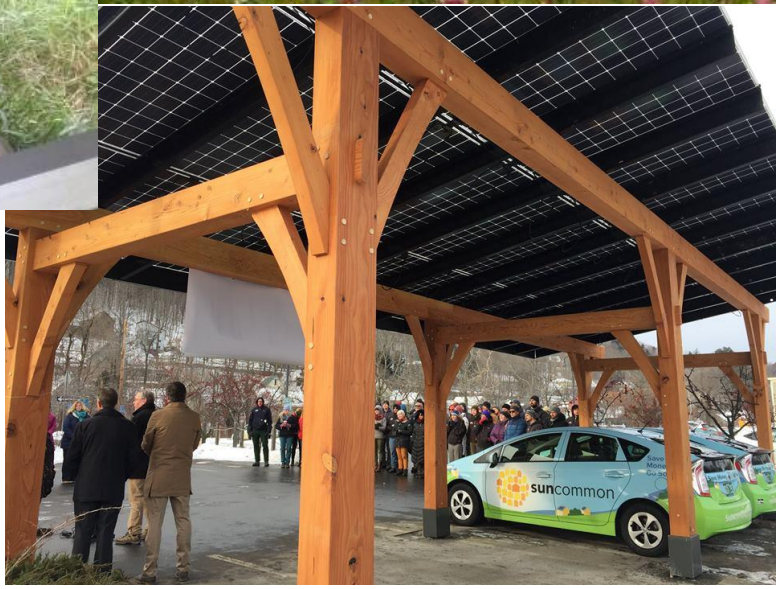
Solar Power Reduces New England's Peak Electricity Demand & Saves Money



May 23, 2015

Source: ISO-NE

Renewable Energy Innovation



Renewables Face Increasing Regulatory & Permitting Burdens

2016 Regulatory Impacts

- Net Metering Changes
- Aesthetics Rule
- Interconnection Rule
- Transmission Charges
- Act 174 RPC & Town Energy Plans
- CPG Complaint Protocol
- Wind Radar Lighting
- PURPA changes
- Wind Sound
- Wetlands Rules
- Decommissioning Rule
- Local Solar Ordinances
- Stormwater Rules

Future Opportunities

- Ensuring all Vermonters can access renewable energy's benefits, especially our neighbors with low and fixed incomes
- Incentivizing emerging technologies and improving energy reliability with renewable energy storage, electric and bio-fueled vehicles, micro-grids, and other peak demand solutions
- Revitalizing Vermont's forestry and well-drilling industries through incentives for modern wood heating and geothermal energy – truly local and low carbon thermal solutions
- Keeping community solar viable in Vermont

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