

WIND POWER: VERMONT PROJECTS

Vermont Commercial Wind Projects	Power Purchase Agreements (SPEED Resources)	Average Vermont Households Served	Jobs: Workers, Services & Businesses	Expected Annual Contribution to Vermont Education Fund	Annual Payments to Host Communities	Funds to neighboring, non-host towns	Decommission Funds
Sheffield Wind Project Operating 10/ 2011 40 MW Capacity	BED, VEC, WEC	15,000 ≈ 16,000	60 businesses	\$230,000/yr – 345,000/yr Based on output	\$520,000/yr	N/A	\$1,390,000
Kingdom Community Wind Operating 11/2012 63 MW Capacity	GMP, VEC	24,000	100+ businesses	\$558,000+/- per year. Based on output	\$535,000/yr. Increases by \$32,000 every 5 years.	Yes. \$1/MWH of generation for first 10 years.	\$6,100,000
Georgia Mountain Community Wind Operating 12/2012 10 MW Capacity	BED	4,200	100+ local workers	\$82,000/yr Based on output	\$180,000/yr	N/A	\$600,000
Searsburg Wind Farm Operating 1997 6 MW Capacity	GMP	2,000	n/a	\$93,243/yr (2012) Based on output	\$26,353/yr (2012)	N/A	N/A
Deerfield Wind Project Permitted 2009 30 MW Capacity	GMP	13,000	\$2 million paid to local workers to date	\$270,000/yr Based on output	\$394,000/yr		
TOTAL (Installed Projects)	119 MW Capacity	≈46,200 Households powered by wind	260+ local businesses & workers engaged	\$963,243 ANNUALLY contributions to Vermont Education Fund	\$1,261,353+ ANNUALLY contributions to host communities	\$1/ MWH Funds to neighboring non-host towns	\$8,090,000 Decommission Funds

To REV's knowledge, while there have been several other projects proposed or initially researched, no other projects are currently moving forward.

Two other projects are **UNDER CONSIDERATION**:

- Meadowsend has an approved PSB MET-tower permit in Grafton/Windham.
- Seneca Mountain Wind is applying for a PSB MET-tower permit in Ferdinand/Brighton/Newark.
- A "MET-tower" is a temporary structure that supports meteorological data sensors at a height above ground to gather wind resource data which is used to evaluate whether the wind resource is strong and persistent enough to consider an evaluation of economically viable, wind powered electric generation.



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	Land Use	Permits & Requirements	ANR Mitigation and PSB Compliance Requirements
Sheffield Wind Operating since 10/2011 7 Years to complete	Project Footprint: ≈20 acres Conserved Land: 2,700 acres	ISO-NE System Impact Study PSB Certificate of Public Good (Sec. 248) ANR Stormwater Construction Permit ANR Stormwater Operational Permit ANR Water Quality Permit FAA Lighting Determinations AOT Transportation Permits Local Transportation Permits Army Corps General Permit	Reduced number of wind turbines & project design footprint Interpretive signs for Crystal Lake State Park Decommissioning plan Underground electrical lines Dust control & blasting plan Transportation Plan Land Conservation and habitat mitigation Operational curtailment for bat protection 2 year bird and bat mortality monitoring & curtailment study Bi-annual stormwater inspections Annual reporting of bird or bat fatalities Sound limits & monitoring during first year- all seasons. Long-term, stably-priced Power Purchase Agreements with VT Utilities
Kingdom Community Wind Operating since 11/2011 4 years to complete	Project Footprint: 135 acres Conserved Land: 2,800 acres	ISO-NE Impact Study PSB Certificate of Public Good (Sec. 248) ANR Stormwater Construction Permit ANR Stormwater Operational Permit ANR Stormwater Construction for Transmission & Substations ANR Individual Wetland Permit ANR Individual Water Quality Permit Army Corps/ ANR Individual Permit FAA Lighting Determinations AOT Road and Oversized Load Permits	Land conserved for bear habitat, wetland mitigation and fragmentation impacts Decommissioning plan Dust control & blasting plan 5 year operational stormwater monitoring Sound limits and 2 year sound monitoring- all seasons 3 year bird fatality monitoring 1 year bat fatality monitoring 5 year water quality monitoring (off-site streams) 5 year non-native invasive species monitoring
Georgia Mountain Community Wind Operating since 12/31/2012 6 years to complete	Project Footprint: ≈35 acres Conserved Land in perpetuity: 108 acres	ISO- NE System Impact Study PSB Certificate of Public Good (Sec. 248) ANR Stormwater Construction Permit ANR Stormwater Operational Permit FAA Lighting Determinations AOT Transportation Permits Town Excess Weight Permits	Decommissioning plan Dust control & blasting plan Sound limits and 1 year sound monitoring- all seasons 3 year bat fatality monitoring 2 year bird fatality monitoring 10 year non-native invasive species monitoring
Searsburg Wind Operating since 1997 7 years to complete	Project Footprint: +/- 1.5 miles of road	ISO-NE System Impact Study PSB Certificate of Public Good AOT Transportation Permits	Restricted access to minimize bear impacts Annual reporting of site visitors DOE Energy reporting for 10 years and on-going outreach requirements
Deerfield Wind Project concept began in 2004 Permitted in 2009 Yet to be constructed	Project Footprint: N/A Conserved Land: 144 acres	US Forest Service EIS USFS Special Use Permit ISO-NE System Impact Study PSB Certificate of Public Good (Sec. 248) ANR Stormwater Construction Permit ANR Stormwater Operational Permit FAA Lighting Determinations AOT Road and Oversize Load Permits Town Oversized Load Permits	Limited breeding birds limited construction period Decommissioning plan 2 year bat & avian monitoring Sound limits and 1 year sound monitoring- all seasons Long-term stably-priced Power Purchase Agreement with VT utilities Bear impact minimization proposal; multi-year bear monitoring; Restricted personnel access and maintenance periods for Bear activity; Bear habitat mitigation