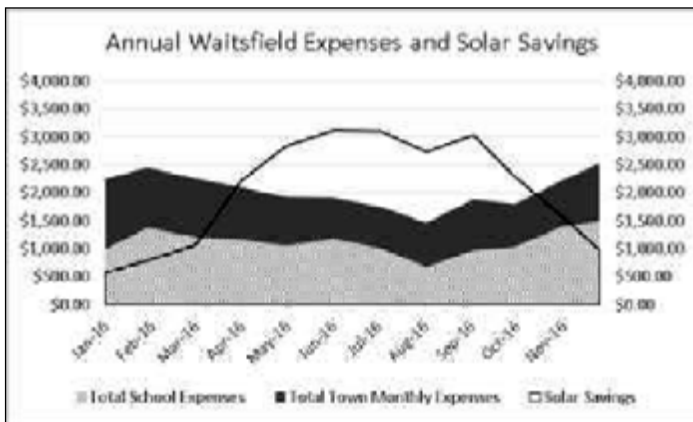


WAITSFIELD ENERGY COMMITTEE 2016 Report

Waitsfield completed the second year of continuous operation of its municipal solar energy system at the Town Garage site on Tremblay Road. The 102 kilowatt, 330-panel solar array was sized to provide enough locally-sourced renewable energy to support the Waitsfield Elementary School and Waitsfield’s new “Net-Zero” Town Office. Additional generation from the solar array will also help offset electric expenses of the municipal buildings including the Fire Station, Town Garage, Wait House, Library and Pump House. By partnering with the Waitsfield Elementary School as a “group net-metered” solar array, Waitsfield continues to build on the energy efficiency improvements made over the last couple of years and in providing a secure, sustainable path for the town and school electricity budgets.

Performance of the array can be found through the Solar Production and Impact Data link on the Waitsfield Web site at www.waitsfieldvt.us. During 2016, the solar array generated over 117,694 kWh, offsetting approximately 100% of the town’s energy expenses. The annual generation surpassed the previous year with another strong solar summer and fall. Based on the annual bond payments of approximately \$18,000, the town saved approximately \$6,400 in 2016 offset electricity usage and solar generated revenue payments from Green Mountain Power.

Respectfully submitted, Chris Badger, Energy Coordinator.



Annual Solar Savings = \$24,372 / Town & School Expenses = \$10,988 & \$13,582