



Solar Success Stories and Strategies

Presentation for VECAN Conference
Fairlee, VT December 7, 2013

By Duncan McDougall – LEAP Chair



- LEAP was founded in 2007 on Step-It-Up Day
- Our goal is to become the greenest town in Vermont by 2020
- Became a 501(c)(3) nonprofit in 2009 . Volunteer-run.
- We have conducted dozens of renewable energy, energy efficiency and emissions reduction projects over 6 ½ years.



More than 500 people attend the annual LEAP Energy Fair every April





- At 6th LEAP Energy Fair (April 2012) announced the *Waterbury / Duxbury Solar Year* to double local solar capacity in one year
 - Wrote periodic articles in the *Waterbury Record*
 - Spoke on WDEV and ran ads to encourage solar
 - Held LEAP Solar Fest with free pizza, ice cream, and live music. 110 people met with various solar installers.
 - Hosted a Business Solar Workshop with experts
 - Distributed info about local solar installers at public events, on our website, and through local stores, etc.
- We met the goal in only 11 months!
Governor Shumlin helped us celebrate.



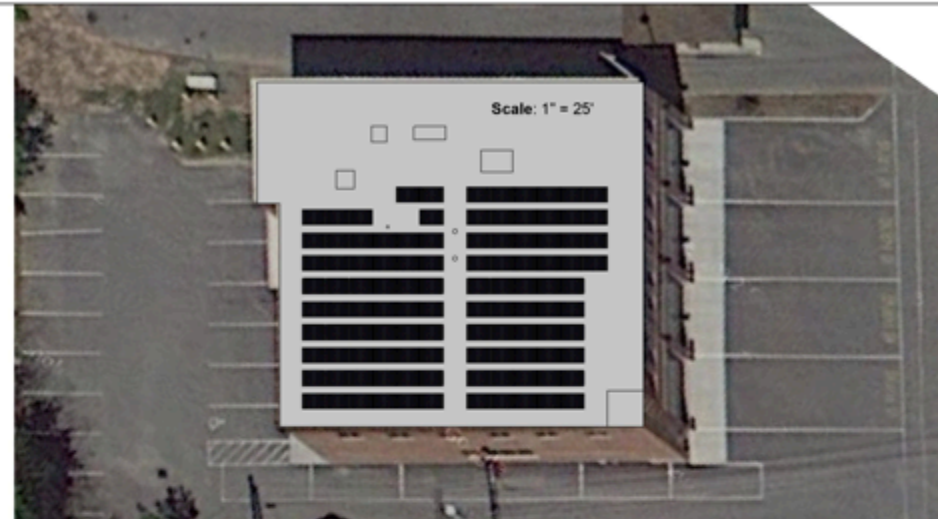
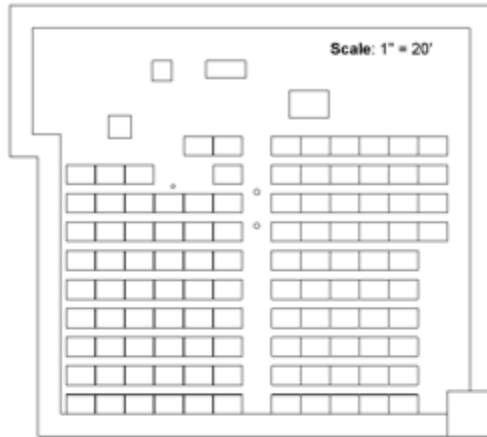
Distributing solar information at the Waterbury Town Meeting



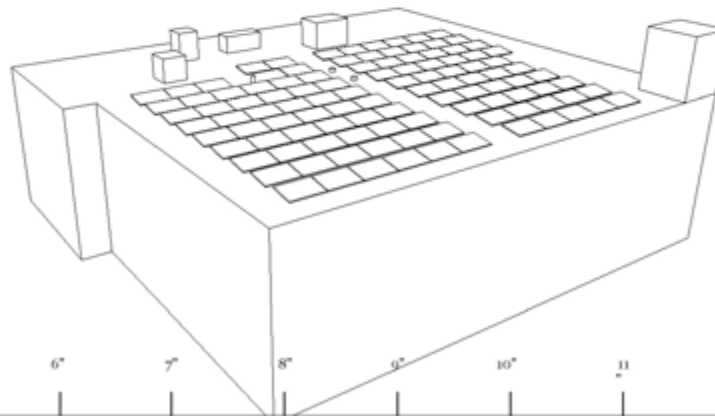


- **At the 7th LEAP Energy Fair (April 2013) we announced the 2nd *Waterbury /Duxbury Solar Year*. If successful, we will quadruple local solar capacity in only two years**
 - **Continued local PR efforts**
 - **Began ‘Solar for Scholars’ Program with Middle School**
 - **We knew we needed to achieve some major projects so we decided to lobby and educate local leaders about solar**
 - **Waterbury Select Board**
 - **Waterbury Village Trustees**
 - **Waterbury/Duxbury School Board**
- The following three projects resulted from these efforts:**

New 32.4 kW solar array on the Waterbury Fire Station



Scale and compus do not
apply to isometric view



Sheet: PV-A1
Title: Site Plan

Author: JMF
Revision Date: 4/16/2013

Description: (108) SPR-327 modules
System Size: 35.316kW_{DC} (STC)
Azimuth: 143° (True)
Tilt: 10°

Client: Town of Waterbury
Site: Village Fire Dept.
Address: 43 South Main St.
Waterbury, VT 05676



suncommon
5430 Waterbury Stowe Rd.
Waterbury Center, VT 05677
Main Desk Phone: (802) 882-8181
Design Team Phone: (802) 882-8194

**New 157 kW solar array at Crossett Brook Middle School.
Together with the school's 15 kW roof array (installed by LEAP
in 2010) CBMS has the most solar of any school in Vermont!**



500 kW solar array to be build on village land in Spring, 2014



**We take photos and track info of every local solar installation.
Duxbury is now #2 and Waterbury is #5 in solar capacity
per capita in Vermont. We're aiming for #1 and #2!**



Total Solar Capacity In Waterbury & Duxbury

