



SunCommon

Colchester Schools

Mike McCarthy





Exploring Solar for Colchester

- Introduction
- Solar conversation at Colchester
- Financial Benefits
- Integrating Solar into your Curriculum
- Questions



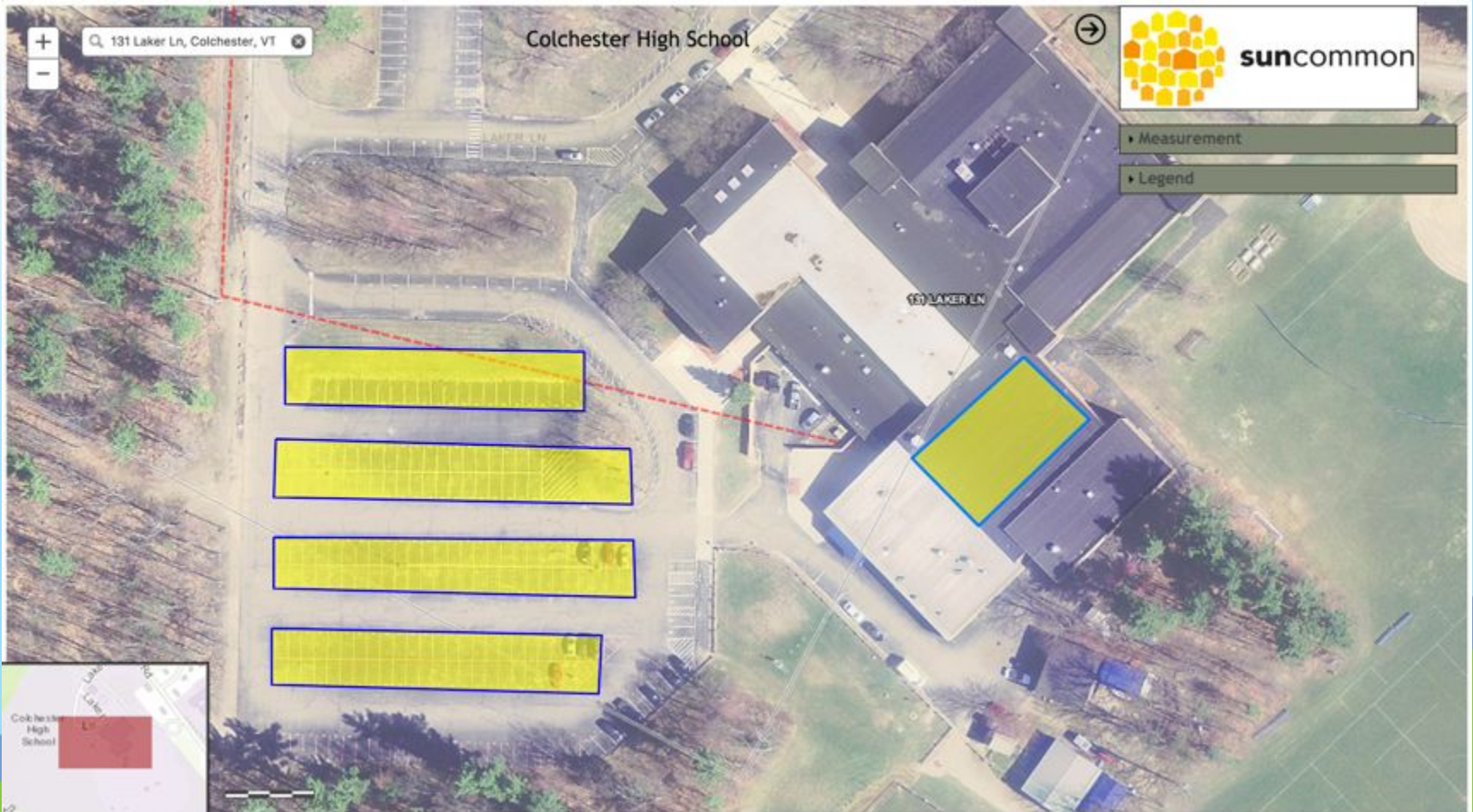


Our mission is to tear down the barriers to renewable energy. We do that by making it easy and affordable for all Vermonters to go solar.





Solar at Colchester High School





Solar at Colchester Middle School



Solar on your roof



Solar Carports





Financial Benefit: The Numbers

High School Canopy & Roof

Proposed System Size: 700kW(dc)

Estimated Annual Production: 704,000 kWh

- Solar Credits earned on utility bills: \$130,000
- Solar discount from SunCommon: 10%
- Discounted Price in year one: \$117,000
- First-Year Annual Savings: **\$13,000**

- *Lifetime savings : over \$350,000*





Financial Benefit: The Numbers

Middle School Roof

Proposed System Size: 215kW(dc)

Estimated Annual Production: 230,000 kWh

- Solar Credits earned on utility bills: \$43,000
- Solar discount from SunCommon: 10%
- Discounted Price in year one: \$38,700
- First-Year Annual Savings: \$4,300

- *Lifetime savings : over \$125,000*





Integrating Solar into the Curriculum: Solar Kiosk





Integrating Solar into the Curriculum: People power!





Solar Timeline

- Signing Agreement and Lease - Fall 2017
- Pre-permitting – Utility and PSB outreach (4-8 weeks)
- CPG Approval (4 – 5 months)
- Installation (Early to Mid 2018)





Solar at SATEC

Wednesday, August 2, 2017

MESSENGER

\$1.00

Vermont's Oldest Evening Newspaper *Established in 1861*

BERKSHIRE MONTGOMERY SHELDON FAIRFIELD HIGHGATE RICHFORD ENOSBURG SWANTON GEORGIA FAIRFAX FRANKLIN BAKERSFIELD FLETCHER

SATEC goes solar and cuts costs

Project will save \$400K

By **ELAINE EZERINS**
Messenger Staff Writer

ST ALBANS—St. Albans Town Educational Center (SATEC) is going solar.

Once installed, their 640 kW system will produce enough electricity to fully offset the school's electricity needs and then some, according to SunCommon, a solar company based in Waterbury. The excess solar credits will be used toward offsetting a portion of Bellows Free Academy's electric bills.

'Going solar lowers our energy costs, reduces taxes for the community and will not cost the taxpayers. This project is a win-win.'

Angela Stebbins, SATEC principal

SunCommon installation crewmembers were up on the school's roof Tuesday morning laying panels into place.

The 1,000-panel solar array is expected to be complete by the beginning of the school year, at which time SATEC will boast the largest rooftop solar project on a school in Vermont.

SATEC Principal Angela Stebbins said the conversation about shifting to solar began

► See SATEC on page 5.



ELAINE EZERINS, Messenger Staff
SunCommon installation crewmembers lay solar panels on the rooftop of St. Albans Town Educational Center Tuesday morning.





Questions

