

About the Installer

New England Breeze Solar

is proud to be the integrator working with residents of Harvard on the Solarize Mass pilot program. We are a licensed electrical contractor specializing in solar electric and solar water heating systems; providing services for residential, small commercial & industrial projects. NEB Solar is proud to be a Massachusetts company employing people from the area and using MA-manufactured components.

Our Mission: We believe one person can make a difference: You! We are committed to helping you secure your energy future and reduce your impact on the planet. We install reliable, long term solar solutions and provide education about energy conservation and renewable energy technologies with the goal of creating a healthier environment for you, our families and our communities.



About MassCEC

Created by the Green Jobs Act of 2008, the Mass Clean Energy Center is dedicated to

accelerating the success of clean energy technologies, companies and projects in the Commonwealth—while creating high-quality jobs and long-term economic growth for the people of Massachusetts. MassCEC is a partner, clearinghouse and connector for people in the clean energy sector, making direct investments in clean energy companies, building a strong clean energy workforce, and supporting responsibly sited renewable energy projects across the Commonwealth. MassCEC works with the entire clean energy community to propel promising technologies from the drawing board to the global marketplace. Join the Innovation Revolution at www.masscec.com.



About Solarize Mass

Solarize Massachusetts is a pilot launched by MassCEC in the towns of Harvard, Hatfield, Scituate and Winchester to encourage residents and business owners to adopt solar photovoltaic (PV) technology.



Act Now – Deadline Sept. 30

EVALUATE



Evaluate your energy usage

- Get out your electric bill. Identify the last 12 months' kWh usage.
- Schedule a free Home Energy Audit with www.MassSave.com.

SCHEDULE



Schedule a site visit

- 1–2 hours. We look at main electrical panel, roof rafters, shading.
- Please have a recent electrical bill.
- Review system proposal and terms.

SIGN



Sign contract with NEB

- Commonwealth Solar II rebate application and participant's agreement
- NGrid utility interconnection application and schedule Z
- Building permit application
- SREC aggregator paperwork
- Please provide copies of entire electric bill and energy audit results

INSTALL



Installation

- 2 days of interior work
- Remainder of installation is outdoors
- Electrical and building inspections

PRODUCE



Generate your own electricity!

- Less than 6 months, start to finish!

To request a site assessment, call 978-567-9463 or email Solarize@NewEnglandBreeze.com or visit <http://newenglandbreeze.com/solarizeharvard/>
Solarize Mass and Commonwealth Solar II program info: masscec.com/solarizemass

Facebook Group: Solarize Harvard

Google Group: solarizeharvard@googlegroups.com

Use the sun to make your own electricity . . . Start now and it could be free within six years.





Roof-mount installation



Pole-mount installation

SOLARIZE MASS / HARVARD PRICING

Total Watts Installed	Tier 1 1–100 kW < 20 systems	Tier 2 101–200 kW 21–40 systems	Tier 3 201–300 kW 41–60 systems	Tier 4 300+ kW 60+ systems
Sample cost of 5kW system, roof mount	\$27,500	\$25,000	\$22,500	\$20,000
Grants	\$4,250	\$4,250	\$4,250	\$4,250
Out-of-pocket costs	\$23,250	\$20,750	\$18,250	\$15,750
Tax credits	\$7,975	\$7,225	\$6,475	\$5,725
Net system cost	\$15,275	\$13,525	\$11,775	\$10,025
Simple payback	5.3 years	4.6 years	4.0 years	3.3 years
20-year IRR	11.9%	13.9%	16.2%	19.2%

Why PV Solar? Why now?

Now is a great time for you to go solar. As a green community, Harvard is one of four towns in the commonwealth picked to be in the Solarize Mass pilot program. This makes a photovoltaic electric generating system especially cost effective and timely. By participating in the program, Harvard residents get special pricing and guaranteed access to limited state grants. These benefits, combined with existing federal and state tax credits, electricity savings, and payments from Solar Renewable Energy Certificates for generating clean electricity mean your system could pay for itself in six years or less.

You and your neighbors form the core of the program. By working as a community to Solarize Harvard, we can get great prices and do great things.

Solarize Mass / Harvard FAQ

Who can participate in the program?

Residential and small commercial projects in Harvard less than 10 kilowatts (kW) are eligible for the discounts and count toward the town’s Solarize goal.

I’m interested in solar. Why should I get my system through the Solarize Mass program?

When you purchase a system in this program, you help reduce the price for everyone in Harvard. You also have guaranteed and timely access to limited state grants. Finally, our installer is a local company working hard to install the best system at the best possible price—and will stand by their work.

How much will my system cost?

After your site visit, you will receive a detailed estimate of all project costs and savings over time. This estimate will include pricing at the different cost tiers.

How do the tiered discounts work?

Even the first system purchased as part of this program (and we already have more than one!) will receive an 8% discount. As commitments reach the 100, 200, and 300 kW thresholds, prices go down \$.50 per watt each time! Everyone in the program gets the new price.

My roof isn’t solar-friendly. What can I do?

Pole-mounted systems on the ground are great alternatives. Although they can cost a bit more, they can be oriented to perform better than most roof-mounted systems. (See photo)

What are SRECs? How do they work for me?

SRECs—Solar Renewable Energy Certificates—represent the green value of the kilowatt-hour (kWh) production of the solar panels. The average 5 kW array can generate \$1,500–\$3,000 a year in SREC sales for the next 10 years! This income is in addition to savings on your monthly electric bill for the next 25+ years.

Is there a financing option?

Yes. There is a loan-to-own option that will lead to outright system ownership within 10 years.