

# Are you interested in solar?



I am interested in investing in solar photovoltaics (PV) for my home.



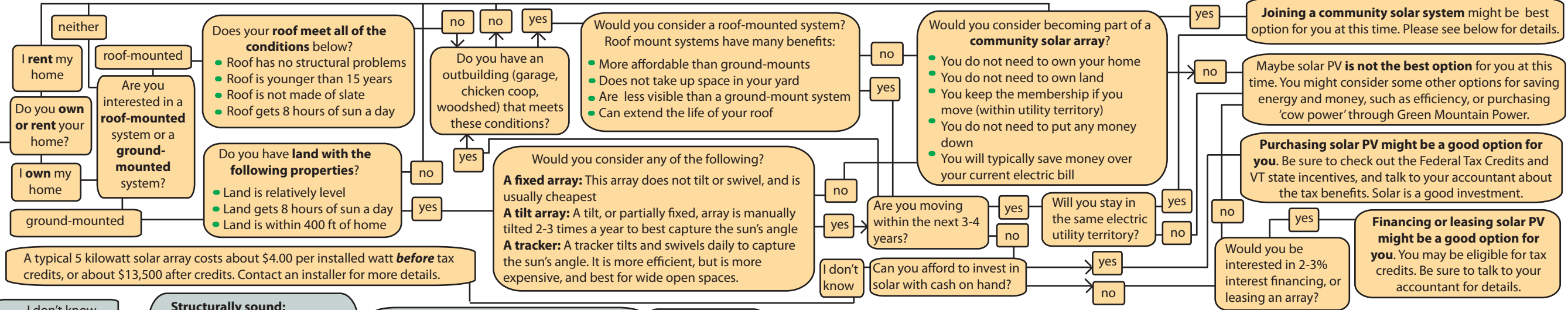
I am interested in investing in solar photovoltaics (PV) for my business.



I am interested in investing in a solar hot water heater for my home or business.



I am interested in hosting a solar array on land that I own.



A typical 5 kilowatt solar array costs about \$4.00 per installed watt **before** tax credits, or about \$13,500 after credits. Contact an installer for more details.

**Structurally sound:** Ideally the roof was designed for solar, but at a minimum, it must be engineered to support increased weight of panels (above existing snow load specifications).  
**Large enough:** You will need approximately 400 square feet for every 5 kw (equivalent to roughly \$1000 annual electric bill)

**Suitable site:** Ideally your land should be shade free, relatively level (under 10-degree slope), accessible to installers, and not in a wetland, floodplain or sensitive area.  
**Large enough site:** You will need approximately .6 to 1.5 acres to place an array of 150 kilowatts.

**Sufficient capital:** The average cost of a 150 kw array is between \$3 and \$3.50 per installed watt, before tax credits.  
**Access to finance:** A number of institutions provide financing for business solar arrays. Contact the finance institutions listed to the right for more information, or your local lender.

**Investing in solar might be a good option** for you. Benefits include:

- Federal tax credit (30%) through 2016
- Accelerated depreciation
- Business loss deductions
- Largest savings in electricity costs
- The right to claim that your business is solar powered, as long as you keep the renewable energy credits

Contact your tax accountant, finance institutions and installers for more information.

**Community solar arrays**

Clean Energy Collective: [www.easycleanenergy.com](http://www.easycleanenergy.com)  
SunCommon: [www.suncommon.com](http://www.suncommon.com)

**Local Solar PV installers:**

- AllEarth Renewables ([www.alleearthrenewables.com](http://www.alleearthrenewables.com))
- Backspin Renewables ([www.backspinrenewables.com](http://www.backspinrenewables.com))
- Building Energy ([www.buildingenergyus.com](http://www.buildingenergyus.com))
- Catamount Solar ([www.catamountsolar.com](http://www.catamountsolar.com))
- DC Energy Innovations ([www.dcenergyinnovations.com](http://www.dcenergyinnovations.com))
- Encore Redevelopment ([www.encoreredevelopment.com](http://www.encoreredevelopment.com))
- GroSolar ([www.grosolar.com](http://www.grosolar.com))
- Metruks Electrical Contracting ([www.metrukscontracting.com](http://www.metrukscontracting.com))
- Miracle Energy System (802.223.3524)
- Peck Electric ([www.peckelectric.com](http://www.peckelectric.com))
- Positive Energy ([www.positiveenergy.com](http://www.positiveenergy.com))
- Real Goods Solar ([www.realgoods.com](http://www.realgoods.com))
- Renewable Energy Systems and Technologies ([www.restecsolar.com](http://www.restecsolar.com))
- Solar Gain ([www.solargainvt.com](http://www.solargainvt.com))
- Solar Tech ([www.solartechvt.com](http://www.solartechvt.com))
- SunCommon ([www.suncommon.com](http://www.suncommon.com))
- SunTied Electric ([www.suntiedelectric.com](http://www.suntiedelectric.com))
- Sunward Systems ([www.gosunward.com](http://www.gosunward.com))
- The Solar Specialists ([www.thesolarspecialists.com](http://www.thesolarspecialists.com))
- Vermont Solar Engineering ([www.vtsolar.com](http://www.vtsolar.com))

Signing a **power purchase agreement** might be your best option. Contact the list of companies offering PPAs for more information.

Solar PV **may not be the best option** for your business at this time. You might consider some other options for saving energy and money.

**Would you consider a power purchase agreement?** Benefits include:

- No money down
- You don't need to own a large roof or any land
- Electricity savings of between 5% and 10%
- You can purchase the system in the future at a reduced price
- You can usually claim that your business is solar powered

**Structurally sound:** Most roofs can handle the weight of 1-3 solar hot water collectors. At a minimum, the roof should get 8 hours of sun a day. Larger arrays (>3), especially on a flat roof, may need an engineering analysis.

**Do any of the following apply?**

- Your household uses very little hot water
- Your hot water heater is electric, and you have already offset your electricity bill with solar PV

Purchasing a solar water heater (either through cash or financing) could be a good option, especially if you can take advantage of tax credits and incentives. Businesses can also take advantage of accelerated depreciation and business losses. Talk to your accountant about tax benefits.

**Solar Lenders**

- VSECU: [www.vsecu.com](http://www.vsecu.com)
- NFECU: [www.nfecu.com](http://www.nfecu.com)
- VEDA: [www.veda.org](http://www.veda.org)
- SunCommon: [www.suncommon.com](http://www.suncommon.com)

**Investors, Developers and PPA Brokers**

- All Earth Renewables: [www.alleearthrenewables.com](http://www.alleearthrenewables.com)
- Encore Redevelopment: [www.encoreredevelopment.com](http://www.encoreredevelopment.com)
- Green Lantern Capital: [www.glcfund.com](http://www.glcfund.com)
- Green Peak Solar: [www.greenpeaksolar.com](http://www.greenpeaksolar.com)

**Solar Hot Water Dealers**

- Building Energy ([www.buildingenergyus.com](http://www.buildingenergyus.com))
- Daedalus Solar Works ([www.daedalusolarworks.com](http://www.daedalusolarworks.com))
- Dynapower Company ([www.dynapower.com](http://www.dynapower.com))
- Encore Redevelopment ([www.encoreredevelopment.com](http://www.encoreredevelopment.com))
- Harvestar LLC ([www.harvestarpower.com](http://www.harvestarpower.com))
- Points North Energy ([www.pointsnorthenergy.com](http://www.pointsnorthenergy.com))
- Positive Energy ([www.positiveenergy.com](http://www.positiveenergy.com))
- Radiant Works ([www.radiantworks.net](http://www.radiantworks.net))
- Radiantec Company ([www.radiantec.com](http://www.radiantec.com))
- Sunward ([www.gosunward.com](http://www.gosunward.com))
- Sunwood Systems ([www.sunwoodsystems.com](http://www.sunwoodsystems.com))
- The Solar Specialists ([www.thesolarspecialists.com](http://www.thesolarspecialists.com))
- Vermont Solar Engineering ([www.vtsolar.com](http://www.vtsolar.com))

Visit [www.greenmountainpower.com](http://www.greenmountainpower.com) and click on 'Innovative Power' and then 'Resources for Creating the Solar Capital of New England'

**You may have enough land to host a 500 KW community, municipal, school or commercial array.** You can expect to receive \$5,000 - \$7,500 annually or more. Contact an investor for more details.

**You may have enough land to host a 150 KW community array.** You can expect to receive \$1500 - \$2000 annually, or an upfront payment for a lease or easement. Contact an investor for more details.

**You might consider hosting a neighborhood array -- talk to your neighbors, and see if they might be interested in collaborating**

**Renewable Energy and Efficiency Clearinghouses**

- Efficiency Vermont ([www.encyvermont.com](http://www.encyvermont.com))
- Renewable Energy Vermont ([www.revermont.org](http://www.revermont.org))
- Energy Action Network ([www.eanvt.org](http://www.eanvt.org))
- Vermont Energy and Climate Action Network ([www.vecan.net](http://www.vecan.net))
- Vermont Energy Education Program ([www.veep.org](http://www.veep.org))

To get started, contact Waterbury LEAP ([www.waterburyleap.org](http://www.waterburyleap.org)), or email: [info@waterburyleap.org](mailto:info@waterburyleap.org) or call 244.0944 or 244.5875.