

Resources

Solarize 2022

Solar Information Guides

New Hampshire

<https://www.nh.gov/osi/energy/saving-energy/documents/solar-permitting-guide-no-appendices.pdf>

For Vermont

https://publicservice.vermont.gov/sites/dps/files/documents/Renewable_Energy/Vt%20Guide%20to%20Residential%20Solar%202016.pdf

Federal Solar Information

<https://www.energy.gov/eere/solar/homeowners-guide-going-solar>

<https://www.energy.gov/energysaver/planning-home-solar-electric-system#estimate>

Community Solar Information

<https://communitysolar.energysage.com>

Solar Calculator

This

solar calculator from the National Renewable Energy Laboratory (NREL) can help you predict how much solar energy you'll be able to generate and how much money it could save you on your utility bill. You'll need to input your street address, electric rates, and the size of the system you want to install. It will tell you how many kWh (kilowatt hours) of electricity the system could generate per month: <https://pvwatts.nrel.gov>

Financing

Tax Incentives - Just enter your zip code and DSIRE (the Database of State Incentives for Renewables & Efficiency) will give you the whole range of solar rebates, tax incentives, and grants. www.dsireusa.org

VT Incentives: <https://tax.vermont.gov/sites/tax/files/documents/TB-45.pdf>

NH Incentives: <https://www.nh.gov/osi/energy/saving-energy/incentives.htm>

CORNISH RESIDENTS Must Complete this Solar Property Exemption

Form:

In order to benefit from the Cornish solar property tax exemption, Cornish residents must complete the Permanent Application for Property Tax Credits/Exemptions Form:

1. You only need to do this once.
2. It must be filed **before April 1** of the year following completion of your solar installation.

Go to: <https://www.revenue.nh.gov/forms/exempt-credit.htm>

At the bottom of that page, click on form PA-29 (either fillable pdf or print pdf).

Federal Tax Incentives

A 26% tax credit, which you receive when you file your tax return in 2023, on the amount you invest in a solar system. This will drop to 22% in 2023, and expire completely on Jan. 1, 2024, unless Congress renews it.

Find out if you'll owe the IRS enough to qualify (some 45% of U.S. households pay no federal income taxes, so would not). If you can't cover the entire 26% in 2022, you can carry some or all of it forward to 2023 (but not into 2024 and after, unless Congress extends it.)

One way to increase your tax bill (without losing money) is to convert part or all of your conventional IRA to a "Roth" IRA. (Note: the IRA conversion must be completed the same year as your solar installation. Ask an accountant or tax preparer to calculate how much of your conventional IRA you'll need to convert to make the most of this credit.)

If you are self-employed, you cannot apply the credit to self-employed payroll taxes; it can only be applied to income tax, but you can still use the Roth IRA conversion method above.

More detailed federal tax credit info from the U.S. Dept. of Energy website:

<https://www.energy.gov/eere/solar/homeowners-guide-federal-tax-credit-solar-photovoltaics>

Loans

Mascoma Bank - <https://www.mascomabank.com/personal-banking/loans/solar-and-energy-efficiency-loans/>

Vt. State Employees Credit Union (VSECU) - <https://www.vsecu.com/financial/clean-energy-loans/unsecured#itclean>

Fannie Mae HomeStyle Energy Program - Can be used when purchasing or refinancing a single family home or condo. Loans (from Fannie Mae-qualified banks) can go up to 15% of the property's appraised property value after clean energy improvements are completed.

<https://www.energy.gov/eere/solar/articles/new-fannie-mae-energy-program-helps-americans-go-solar>

Homeowner's Guide to Solar Financing - Leases, loans, and other options

<https://www.cesa.org/resource-library/resource/a-homeowners-guide-to-solar-financing-leases-loans-and-ppas/>

Still have questions? Ask us!

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