



**Are you considering
installing a solar
photovoltaic (PV)
system?**

Things to consider

- ✓ What is my goal for installing solar?
- ✓ How much of my annual energy use do I want to offset?
- ✓ Should I go with a ground or roof-mounted system?
- ✓ Do I want a solar electric or solar thermal (hot water) system?
- ✓ Will my solar system receive shading during select parts of the day or at certain times of the year?
- ✓ What solar installation companies work in our area?

Incentives & Tax Credits

Be sure to check if your project is eligible for next-level Savings. Below are some resources for available incentives and tax credits.

- Focus on Energy: <https://bit.ly/FOE-residential-solar>
- Energy Star: <https://bit.ly/energystar-solar>
- Energy.gov: <https://bit.ly/Residential-Solar-Tax-Credits>

Tips For Hiring a Contractor

- Get at least three bids or quotes.
- Get at least three references from each bidder and be sure to contact all references.
- Confirm the contractor carries worker's compensation and liability insurance policies.
- Get all project expectations in writing including the solar system's expected annual output.
- Hire only a WI state-licensed contractor with a valid license. Consider installers with North American Board of Certified Energy Practitioners (NABCEP) certification.

SOLAR INTERCONNECTION

For a system greater than 20 KW, all generated energy is credited at the Avoided Cost Rate (see below). A system less than 20 KW is eligible for net metering on monthly non-excessive generation (generation that directly offsets customer usage within the same month) while any excess generation is credited at the Avoided Cost Rate.



Avoided Cost Rate

Avoided Cost Rate is the rate the utility pays for energy supplied by the customer system. Note that this is less than the normal rate of purchasing energy from the utility. The Avoided Cost Rate varies annually based on the utility's bulk power costs. [The current rate is available on our website.](#)



Insurance Requirement

Minimum Liability Insurance Coverage ([PSC 119.05](#))*

- 20 kW or less = \$300,000
- Greater than 20 kW to 200 kW = \$1,000,000

*Insurance requirements are subject to change per the PSC's governance. View the policy at https://docs.legis.wisconsin.gov/code/admin_code/psc/119/ii/05.

Most distributed generation customers obtain this as a rider on their homeowner's policy. A copy of the policy is required to be submitted to the utility annually.



Electrical Contractors

- Application must include One-Line Schematic Diagram
- Application must include Site Plan with Equipment Location
- Application must include Inverter Specifications (Optional: Panel Specs)
- Equipment must be tested UL 1741 compliant
- For instrument-rated metering installations, we require a disconnect accessible at ground level.

What size system do you need to meet your average energy usage?

The Department of Energy customizable calculator will help you estimate how much energy will be produced based on location and system specifications.

<https://bit.ly/PV-Watts-Calculator>

Fill out an application for Solar Installation

To proceed with a solar installation, the City of Marshfield requires an application for a permit.

<https://bit.ly/marshfield-solar-application>



Contact us?

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