



CBS has been serving the solar industry since 1995!

Proud member of the Great Lakes Renewable Energy Association And Michigan Energy Innovation Business Council

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Kaleb Brown -  
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# Michigan Energy Report

MICHIGAN'S SOLAR

WINTER 2019

## 4-Panel "Super Tracker" Solar System

The "Super Tracker" System has Bi-Facial Solar Panels that make power from both sides of the module and significantly increase power production. Snow and reflective material on the ground cast sunlight to the back panels which augments power production from the reverse side. Another innovative feature, offered exclusively by CBS Solar, is Nano Coating on the panels which helps keep the panels free of dirt and debris and allows for maximum efficiency. Multiple "Super Trackers" can be configured in combinations to create a solar system that far exceeds the production of traditional "fixed" arrays.

Tracking is automatic once the system is tied to the grid. The proprietary GPS algorithm knows

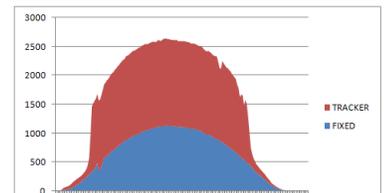
where the sun is and automatically aims the panels. With the added energy production, fewer panels are needed to power your home or business.



CBS Solar can provide full installation and interconnection or you can purchase a DIY kit. Bifacial modules can also be installed on our solar tilt adjustable racking system. Give us a call today (231) 378-2936.

### "Super Trackers" are :

- \* Easy to install
- \* Maintenance Free
- \* Designed to withstand 90mph winds
- \* Integrated with DC-AC inverter
- \* Pole or Ballasted Mount Configurations
- \* Automatic tracking follows the sun
- \* Automatic snow shedding
- \* Proprietary Controller
- \* Up to 30% more power than fixed panels



## Don't let a power outage leave you in the dark



Tesla's Powerwalls paired with your solar system gives you complete self consumption of the energy you produce. When your solar system produces more energy than you are using adding a powerwall allows that excess energy to be stored for you to use instead of being sent back into

the grid. The energy stored will then automatically be used when the power goes out or anytime it is needed. With the easy installation and no maintenance we can add the Tesla Powerwall to your existing system or simply request one with you new solar system from CBS solar.

# MICHIGAN'S SOLAR UPDATE

## No More Tax Worries With the New Solar Tax Legislation

There are so many questions that come into your mind when you make the decision to add solar to your home or business. Including the uncertainty of what it will do to the tax value of your home. You can now put your mind at ease regarding your property taxes when you install your solar array. House Bill 4069( sponsored by Rep. Broanna Kahle and now PA 117), 4465 (sponsored by Rep. Yousef Rabhi and now PA 118), and Senate Bill 47 (sponsored by Sen. Tom Barrett and now PA 116) will classify installing, replacing, or repairing

an “alternative energy system” as normal maintenance activities. Under this classification as long as you own your home you’re investment in your Solar array, up to 150 kW, will be provided a tax exemption and not increase your assessed property value until your home is sold. With the growth of “alternative energy systems” being installed, this bill will give the industry another positive move toward our green energy goals and leave extra money in your pocket.

For more information regarding this bill, House Bill 4465, 4069, and Senate Bill 47– that pertain to residential, commercial and industrial alternative energy– please follow the link below:

[http://www.legislature.mi.gov/\(S\(qayvaheovltusvzpusbcji0s\)\)/mileg.aspx?page=GetObject&objectname=2019-HB-4069](http://www.legislature.mi.gov/(S(qayvaheovltusvzpusbcji0s))/mileg.aspx?page=GetObject&objectname=2019-HB-4069)

*When  
There's a  
huge Solar  
Energy Spill,  
it is called a  
“ Nice Day”*



## Renewable Energy Demands and Farmland Preservation

As the demand for renewable energy grows at a commercial level, property that is available to install such large scale projects is harder to find. With the farmlands development rights agreement a temporary restriction on the land between the State and a landowner, voluntarily entered into by a landowner, preserving their land for agriculture in exchange for certain tax benefits and exemptions for various special assessments. (commonly known as PA 116) prevents some farmers from using their land for large solar farms. Recognizing this problem Governor Gretchen Whitmer along with Michi-

gan's Department of Agriculture and Rural Development (MDARD) Director Gary Mcdowell is allowing such farmland, if they are apart of a much larger commercial solar array, to file for a deferment from this program allowing the construction of a commercial solar array on their property. The policy also has conditions to assure the land is restored to a state allowing for agricultural production after the solar arrays are removed. With the ability to get the use from farmland many companies can now not only expand their need for more renewable energy but also create jobs, and economic

development. This is a new opportunity for Michigan's Farmers to find new ways to make an income while they continue facing challenging circumstances.

For more information regarding the changes to these policies please feel free to check out the following website:

[https://www.michigan.gov/documents/mdard/  
Commer-  
cial\\_Solar\\_Facilities\\_on\\_PA\\_116\\_Enrolled\\_La  
nds\\_656804\\_7.pdf](https://www.michigan.gov/documents/mdard/Commer-<br/>cial_Solar_Facilities_on_PA_116_Enrolled_La<br/>nds_656804_7.pdf)

Happy Holidays From All of at CBS Solar!



We Want to Welcome our New Team Members here at CBS Solar:

**Kelley Johnson-**  
Sales Coordinator

**Cavan Cotter-**  
Sales Team

**Theresa Edgar-**  
Administrative Assistant

**Garrett Labudde-**  
Production/Installation



<https://www.facebook.com/CBSSolar/>

## Thinking About Solar For Your Home or Business?

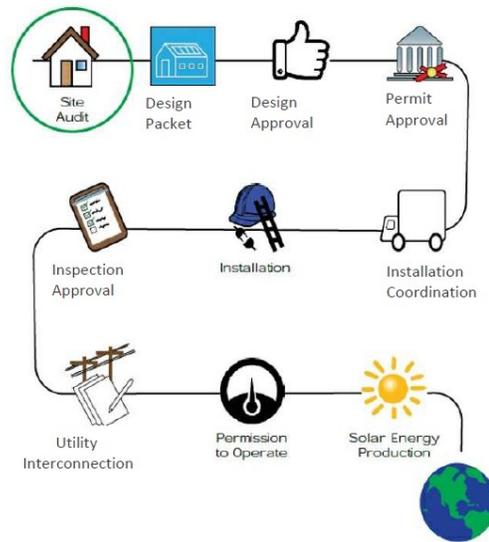
If you are thinking about solar energy for you home or business, this would be a good time to research your power company's Interconnection process, your local township zoning rules and consider you federal tax rebate possibilities.

Power Companies will usually approve system sizes that will generate up to or less than your annual KW usage: but NOT

greater than. Contact your power company to find out the payback rate, system size that will be approved, and details of other requirements. Make sure your account is up to date with the correct name and address/service address. Not all rates are compatible with Net-Metering and may have to be adjusted. Sometimes you may need a service panel upgrade or

the power company may need to upgrade the local transformer.

Many local townships are updating zoning rules. Know your local set back requirements. Some townships do not allow ground mounted systems in the front yard. Be aware of the requirements and restrictions that are in effect for your township, village, or city.



For More Information Checkout the Website links below:

<https://www.solar.com/learn/federal-solar-tax-credit/>

<https://www.cherrylandelectric.coop/renewable-energy-programs/>

<https://www.consumersenergy.com/residential/renewable-energy>

<https://www.newlook.dteenergy.com/wps/wcm/connect/dte-web/home/service-request/common/electric/gmop/customer-electric-generation>

<https://www.gtlakes.com/renewable-energy-programs/>

## The Federal Tax Credit for Solar

The Federal Tax Credit for Solar will be at 26% in 2020. This is a credit on the taxes you will owe for the year. Both the material and installation cost are deducti-

ble. This credit will be 22%

in 2021, and is currently scheduled to end after 2021 for residential solar. Businesses will be able to claim a 10% Federal Tax credit in 2022 and after according to guidelines.

ITC DECLINING SCHEDULE

