

CBS has been serving the



solar industry since 1995!

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

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26% Tax Credit for 2020 Solar Installs. Don't wait any longer for your new install or addition to your current system. You don't want to miss out on these savings!



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

Michigan Energy Report

MICHIGAN'S SOLAR

SUMMER 2020

Safety Is #1 To CBS Solar

2020 has been a very different year for all of us as a community and a nation. The arrival of COVID-19 here in the United States had halted life as most of us would know it. Here at CBS Solar we take the safety and well being of our customers and staff with the utmost importance. We ask if you visit our office please wear your mask, and set up an appointment so we can safely address any questions and concerns you may have. Some ways we are keeping our staff and valued customers safe is we are requiring our staff to wear masks, taking all employee

temperatures when they arrive to work, along with health questionnaires, and we have created smaller working crews to minimize the amount of employees we have on a single job. With everyone doing their part as a community we can help prevent any further spread of COVID-19.

Together we can get through these times and look forward to moving into a more normal daily routine. CBS Solar will continue to work with all our customers to help get your projects completed and make sure our customers feel safe while we are taking care of your needs. The exceptional CBS sales team is here to help you and are able to do most home evaluations and site assessments with little or no contact. Feel free to contact our office at (231)378-2936 if you have any questions or concerns we will happily be here to assist you.



Stop By And Get Your Charge Today

Four new EV Charging stations have been activated in Manistee County at CBS Solar in Copenish Michigan. The stations will be available at no charge for anyone wishing to charge their electric vehicle at our facility. One charging station will be specifically available for any TESLA Vehicle wishing to do

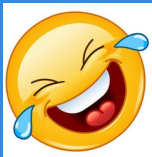
so. CBS Solar is a NET ZERO manufacturing facility so all charging will be solar charging.

Currently the company has four employee owned EV Vehicles that will be utilizing the station on a daily basis. All types and varieties of Electric Vehicles can use the facility. For further information contact CBS Solar at 231-378-2936.



Meet The Team:**Allan O'Shea- CEO****Devon O'Shea-
Mechanical Technical
Engineer****Tyson O'Shea-
VP of Operations****Aaron O'Shea-
Project Coordinator****Lynda O'Shea-
Office Manager****Vicki Olsen-
Solar Assessment
Coordinator****Theresa Edgar-
Office Assistant****David Thalman-
Solar Energy Specialist****Tom Bigelow-
Production/ Installation****Corey Bigelow-
Production/Installation****Josh Garlinghouse-
Production/Installation****Eric Nixon -
Production/Installation****Sean Woodall-
Production/Installation****Garrett Labudde-
Production/Installation****Kelley Johnson-
Sales Coordinator****Jason Thompson-
Sales Team**

**How Did The Solar
Panel Feel When It
Was
Finally
Installed?**

**AMPED—**

Solar Powered Public Transit

With more countries focusing on becoming 100% renewable, solar panels are making a stand for every use including public transit. The U.K., India and Australia all have launched solar trains as part of their projects.

Byron Bay Railroad Company in New South Wales, Australia was the first 100% solar powered train brought into service in 2017. Featuring a 6.5kW rooftop solar array and a 77 kWh lithium-ion battery on board the train is completely self powered, during peak solar hours. Running a 3km easy route the total

energy used for a round trip is only 5 kWh. The train is also equipped with a regenerative braking system that turns the traction motors into generators during braking to recharge the batteries. For those less than sunny days the train is

able to be plugged into the grid to fully charge its battery on board, to complete the trips

With so many people across so many countries working towards the same goal you never know what the sun will be able to power next.

For more information about this train please follow the link below:<https://byronbaytrain.com.au/sustainability/>

<https://cleantechnica.com/2019/04/26/worlds-first-100-solar-powered-train-video/>



CBS Continues To Grow

As the demand for residential and commercial need for alternative energy continues to grow so does CBS Solar. For the 2020 season we will be adding more local employees to our installation crew. We strive to give the best customer

service in the industry along with a complete understanding of the products we offer.

We would love to hear any feedback from you to help us continue are path of excellence. Feel free to let us

know by leaving us a review on our Facebook page

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

We look forward to seeing what you have to say!

Tackle Two Bills with One EV

A typical American family - mom, dad, 2 children, and a dog and/or cat, living in Northport uses 900 kWh/month in electricity. At \$0.1191/kWh plus a \$18.00 monthly availability charge they pay \$125.19 each month. The family decides to replace one of the cars with an EV. The vehicle is used to commute a daily distance of 60 miles. The EV will use 15 kWh to charge each day at a cost of \$1.78/day or \$53.60/month for a total electric bill of \$178.79/

month. The gasoline car it replaced got 25 mpg and used 2.4 gallons/day at a cost of \$7.20/day for a total of \$216/month at \$3.00/gallon.

Question: How much does the family have left each month by eliminating their gasoline bill of \$216 and paying their entire monthly electric bill of \$178.79. **Answer:** \$216.00 - \$178.79 = \$37.21 No gas bill, no electric bill and \$37.21 per month extra for other important expenses

Note: Daily, a 3.6 kW solar array will produce 48 miles of efficient and totally clean EV driving and a 7.2 kW solar array will produce 96 miles of pure EV driving. Replacing the other family auto with a plug-in hybrid electric SUV with 40 miles EV range and a combined range of 450miles and the ability to drive anywhere increases savings.

Many energy suppliers also offer a \$500.00 rebate if you install a EV charging station at our home. Source— Craig Toepfer