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New year, new solar projects

 Working Together

Winter 2019

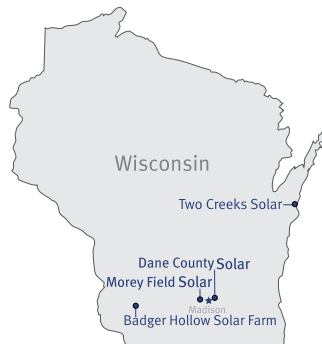
MGE

MGE expected to welcome four new solar projects to grid in 2020.

This year began with our 66-megawatt (MW) Saratoga Wind Farm in Howard County, Iowa, coming online. Saratoga generates enough clean energy to power about 47,000 households.

As we say good-bye to 2019, we look forward to welcoming a series of solar projects in the coming year:

- The Badger Hollow Solar Farm in Iowa County will deliver 50 MW of solar energy to MGE customers by the end of 2020. MGE has proposed purchasing another 50 MW from Badger Hollow. The combined 100 MW of energy would be enough to power about 33,000 households.
- We're also purchasing 50 MW of solar capacity from the Two Creeks Solar project in northeastern Wisconsin.
- Our Shared Solar program is expanding with a 5-MW solar array at the Middleton Municipal Airport (Morey Field).
- We're also partnering with Dane County to build a 9-MW array at Dane County Regional Airport.



Growing clean energy is one of our strategies for reducing carbon emissions. MGE is working toward achieving net-zero carbon electricity by 2050. Our goal is consistent with the latest climate science for limiting global warming to 1.5 degrees Celsius, and our strategies for reaching our goal—reducing the carbon intensity of electric generation, increasing energy efficiency and electrifying transportation—are the same strategies identified by international climate experts.

Our climate commitment

At MGE, we share the urgency of many in our community who want to act to create a cleaner future as quickly as we can. Our goal signals our direction, but it doesn't determine our pace.

We believe we can go further faster toward our net-zero carbon goal by working with our customers, so join us—in growing clean energy, practicing energy efficiency and conservation, and advancing new, more sustainable technologies, such as electric vehicles. We all can take action to improve our use of energy to better our community and our planet. All of us at MGE look forward to a smarter, cleaner future for the benefit of all. Thank you, and happy new year.

Sincerely,

Jeff Keebler
Chairman, President and CEO

EV owners: Give yourself the gift of convenience this season

 Our Community Grid

Electric vehicle (EV) ownership can make your life simpler. You no longer have to make weekly (or more) trips to the gas station, especially in bad weather, or waste time changing oil every 5,000 miles. But, likely the biggest benefit of EV ownership is that drivers can plug in every night and wake up with a full charge!

EVs can plug in to nearly any standard 110-volt outlet, making it very easy to fuel up whenever the car is not in

use. But a faster charging option would be to install a Level 2 charging station, which can charge your EV with 10 to 25 miles of range per hour. With MGE's Charge@Home program, the process is so convenient because we coordinate the installation with an electrician. There is no up-front installation cost, and customers pay about \$20 per month plus the cost of electricity usage. Learn more at mge.com/chargeathome.

The holiday season is upon us. Between gatherings, shopping trips and decking your halls, saving energy may not be top of mind. We're here to help with no-cost tips to save energy!

Save energy while cooking

According to the Department of Energy (DOE), using the right-sized pots on stove burners can help you save about \$36 a year for an electric range or \$18 for gas. The DOE also recommends using the oven light instead of opening the door to prevent heat loss when checking on a dish's progress.

Reduce heating costs, increase comfort

Open curtains or shades to let in the sun during the day to reduce heating costs. At night, close shades to improve comfort.



Using smart home technology

Innovation

Whether you start small or opt for the bells and whistles, there are plenty of smart devices to help you achieve your energy-saving goals.

- With heating and cooling being the biggest home energy users, a smart thermostat is a wise investment. Eligible MGE customers can take advantage of a \$50 cash-back incentive from Focus on Energy® when purchasing a qualified smart thermostat.
- Smart power strips can prevent phantom energy by cutting off power to unused devices.
- LED-based smart bulbs allow you to control lights from anywhere you have Internet access.
- Smart outlets allow you to control lighting or almost anything else you plug in through an app on your mobile device.

Learn more about home automation and saving energy at mge2050.com.

Unplug

Unplug your phone chargers, printers, computers and other electronics when you are not using them.

These devices can still use energy when not in use and can account for 5% to 10% of your total energy use.



Set to automatic

Set your furnace fan to auto instead of on. This is one of the biggest steps you can take to be energy efficient at home.

Embrace the cold

A washing machine spends an estimated 90% of its energy to heat water. Consider using cold water instead. In addition, try to wash full loads because the machine uses roughly the same amount of energy regardless of the load size.

Want more ways to save? Stay up-to-date on energy-saving tips by visiting mge2050.com.

Morey Field Solar groundbreaking

Cleaner Energy

MGE was joined by the City of Middleton's mayor and the Middleton-Cross Plains Area School District's superintendent and others in October for the groundbreaking of our Morey Field Solar project. The 5-megawatt solar array at Middleton Municipal Airport will come online next year to serve the City, school district and MGE's Shared Solar customers. To power your home or business with local solar, sign up at mge.com/sharedsolar.



Be sure to connect with MGE on social media



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