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## MGE sets goal for net-zero carbon electricity by 2050

 Cleaner Energy

Summer 2019



MGE announced in May an ambitious target of net-zero carbon electricity by 2050. This new goal reflects our vision for our community and our efforts to align with the latest climate science.

MGE already has been working with customers to reduce carbon emissions at least 80% by 2050. Our new, net-zero carbon goal is ambitious—it will require technologies not yet commercially available—but we’re working to advance a cleaner energy future by engaging our customers in energy efficiency and advancing electric vehicles and renewable energy.

As next steps toward our goals, in April state regulators approved 100 megawatts (MW) of new solar energy for our customers. The Badger Hollow Solar Farm and the Two Creeks Solar project will deliver cost-effective, clean energy for decades to come! Here are answers to some of your questions about these major solar projects.

### Where are these projects located?

The Badger Hollow Solar Farm will be located in southwestern Wisconsin near the villages of Montfort and Cobb. MGE will own 50 MW of Badger Hollow. The Two Creeks Solar project will be built in northeastern Wisconsin in the town of Two Creeks and the city of Two Rivers. MGE also will own 50 MW of Two Creeks Solar.

### How much energy will these projects deliver?

MGE’s share of these projects will deliver enough energy to power about 33,000 households. Both sites are expected to be operational by the end of next year.

### Why is MGE purchasing these solar projects?

Renewable energy has decreased in cost and increased in efficiency in recent years, making it a more competitive option for meeting our customers’ energy needs. The Badger Hollow Solar Farm and Two Creeks Solar offer cost-effective, clean energy and advance our goal of deep decarbonization of our energy supply mix.

We continue to evaluate other possible sites and projects for additional wind and solar generating facilities as we transition toward greater use of cleaner energy sources to serve our customers.

### Why purchase energy from two locations?

There are a number of factors involved in siting solar. These projects will be located about 200 miles from each other. Purchasing solar in separate locations provides MGE with more consistent generation than a single site because weather conditions will be unique at each location. Stay tuned to [energy2030together.com](http://energy2030together.com) as construction unfolds.

## Summer energy savings

 Our Energy Use

Let’s work together to protect the environment, control energy costs and stay comfortable this summer by taking these actions at home:

1. Use LED lightbulbs to save energy.
2. Set your thermostat as high as comfortable.
3. Cool rooms with fans.
4. Close windows and blinds to keep the sun out.

Visit [energy2030together.com/summer](http://energy2030together.com/summer) for more tips!



MGE electric customers have the option of receiving all of their electricity from clean energy sources. Our renewable energy programs such as Shared Solar and Green Power Tomorrow support wind and solar energy generation in our region, giving our customers options for going green at their home or business. So, what's the difference between the two programs?

### Shared Solar

MGE's innovative Shared Solar program grows local solar. Under this voluntary program, you pay a one-time, up-front fee to reserve a portion (up to half of your annual electricity use) of the energy produced at MGE's proposed 5-megawatt (MW) solar array at Morey Field in Middleton. You then pay a fixed price of \$0.109 per kilowatt-hour (kWh) for your share of the energy produced by the solar array. This rate stays with you for 25 years, even if you move within the MGE electric service territory. The program is open to residential and small business electric customers of MGE.



While a proposed expansion of the program is under review by state regulators, interested customers are encouraged to join our waiting list.

### Forward Madison partnership



Your community energy company is thrilled to welcome Forward Madison FC to the neighborhood! MGE has partnered with Madison's professional soccer team to bring safety and energy-saving information to fans of the Flamingos. The USL team opened its inaugural season this spring at Breese Stevens Field on Madison's near East Side.



### Be PowerFULL!

Join MGE Energy Experts at several upcoming games to check out an electric vehicle, learn about our renewable energy options and take home tips for saving energy. Get to know us by stopping by during the games on June 25, July 16, Aug. 28 and Sept. 22.

Learn more about events being held at Breese Stevens and around the community this summer by visiting [energy2030together.com](http://energy2030together.com).

If the expansion is approved, we will contact you with an agreement to participate. Visit [mge.com/SharedSolar](http://mge.com/SharedSolar) to sign up.

### Green Power Tomorrow



Our Green Power Tomorrow

(GPT) program also is an option for residential and business customers who want to support clean energy resources that serve our community, such as our newly built 66-MW Saratoga Wind Farm.

At only a penny more per kWh than our standard rate, GPT gives you the option to purchase electricity generated by our wind and solar resources. Whether it's \$1 per month or 100% of your electricity use or to supplement your Shared Solar participation, you determine the monthly amount of electricity purchased under GPT. Our GPT program is one of the easiest, most flexible and affordable ways to show your support for growing clean energy. Learn more and sign up at [mge.com/GPT](http://mge.com/GPT).

Still have questions? Explore your options with one of our MGE Energy Experts. Call our Home Energy Line at (608) 252-7117 weekdays between 8 a.m. and 4:30 p.m. or email [AskExperts@mge.com](mailto:AskExperts@mge.com).

### Explore My EV comparison tool



If you're curious about electric vehicles (EV), check out Explore My EV, MGE's new online tool for comparing EVs to gasoline models.

This online tool helps you determine the cost to operate an EV over time. While some EVs may have a higher purchase price



when compared to a similar gasoline model, they cost less to maintain because you don't need to change the oil, replace brake pads as often or fill up at the gas station.

Explore My EV will show you the cost to own an EV based on commute distances, available tax credits and maintenance costs, among other things. Plus, it can help you figure out the best electric rate for your home and estimate fuel savings. Visit [mge.com/ExploreMyEV](http://mge.com/ExploreMyEV).

Be sure to connect with MGE on social media



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