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Local Solar Project to Serve MGE Customers



Summer 2023



By 2030, every MGE electric customer will have 80% fewer carbon emissions from their electricity use simply by being an MGE customer. MGE is working toward our goal of net-zero carbon electricity by investing in cost-effective, renewable energy projects, including a large-scale solar project in Dane County.

In mid-March, MGE received approval to purchase a 10% share of the Koshkonong Solar Energy Center. MGE will own 30 megawatts (MW) of solar energy and 16.5 MW of battery storage from the facility to be built in the towns of Christiana and Deerfield. The project is expected to come online in late 2025.

The Koshkonong Solar Energy Center is one of three announced investments by MGE in large-scale solar energy and battery storage to serve all MGE electric customers. MGE also will own a 10% share of the Paris Solar-Battery Park and the Darien Solar Energy Center, both of which are under construction.

Red Barn Wind Farm comes online

In early April, the Red Barn Wind Farm began serving all MGE electric customers. MGE owns 9.1 MW of the 92-MW wind farm in Grant County.

Ask the Experts: Answers to Common Energy Efficiency Questions



Our team of Energy Experts is here to help with energy efficiency, renewable energy, building science and more! Check out their tips for some of the season's most common topics.

As temperatures rise, how can I save energy but still reduce moisture effectively?

It's especially important to control high humidity in basements to prevent mold growth and improve indoor air quality. Keep these tips in mind:

- Look for the ENERGY STAR® label when buying a new dehumidifier. Larger units are typically more efficient and run less.
- If you have a choice of fan speeds on your dehumidifier, higher speeds are more efficient. And, keep it clean. Wipe or vacuum dust and dirt from the coils and fan, and check for leaking hose connections. Be sure to empty it regularly or connect the hose to a drain.
- Set your dehumidifier to a 50% relative humidity setting and remember to reduce spot humidity in your home by using kitchen and bath fans.

them a quick switch. When we go from heating to cooling, it's more efficient to close the lower return and ensure the higher one is open.

- Reprogram or upgrade your thermostat. If your schedule has changed with the season, make sure your thermostat's program reflects it. Smart thermostats make setbacks almost effortless, helping you save energy while asleep or away. Visit mge.com/setback for guidance on recommended settings.
- Close your window coverings to help keep your home cooler during the day. And, remember to lock your windows when using the AC. Unlocked windows allow air to move in and out of the house as energy loss.

Are there home improvements I can make to improve my home's energy efficiency?

- FOCUS ON ENERGY®, Wisconsin utilities' statewide energy efficiency program, offers a free, online home energy assessment. It takes only about 10 minutes but could help generate lasting savings. Visit focusonenergy.com/home-assessment to learn more!

Have an energy-related question? Email us at AskExperts@mge.com or call 608-252-7117.

How can I keep my home comfortable while managing my energy use?

- If your home has both high and low air returns, give

To learn more, visit mge2050.com.

Heat pumps are an energy-efficient, environmentally friendly option for heating and cooling homes in various climates, including the Midwest. Heat pumps run on electricity. The technology is used in refrigerators, freezers and air-conditioning units.

How do heat pumps work?

During cooler months, air-source heat pump systems extract heat from the outside air and move it inside to heat your home. In warmer months, the system works in reverse, moving heat from the inside to the outside.

A properly installed heat pump can deliver up to three times more heating/cooling energy to a home than the electrical energy it consumes. This is because heat pumps transfer heat rather than converting it from fuel like traditional heating systems.

Improving your home's efficiency by insulating, air sealing and taking other weatherization steps will help your heat pump work more effectively.

Dual fuel heating

Keep in mind that the cooler the outside air temperature, the less heat there is available, and heat pump efficiency

can decrease. A backup heating source often is a good idea in a colder climate. Dual fuel systems allow for the flexibility of heating with a heat pump or with a more traditional system. This can give customers the opportunity to use each system optimally based on costs and environmental benefits.

Visit mge2050.com to learn more about the benefits of heat pumps and available purchase incentives.



Home EV Charging with MGE

Our Community Grid

Do you own a plug-in hybrid or electric vehicle (EV)? Charge@Home, MGE's home charging program, makes it quick and easy to charge your car's battery with a Level 2 (L2) charger. L2 chargers can charge up to six times faster than a standard 120-volt electrical outlet and offer more flexibility to charge when you want.

No up-front costs

This program provides a ChargePoint Home L2 charger without having to pay up-front costs. You'll pay a monthly fee of about \$20 (66 cents per day) plus the cost of electricity.

Advancing new technologies

As part of our commitment to advancing new technology, MGE offers Charge@Home to help make EV ownership easier for our customers. This program helps us learn how to best manage the impact of EV charging on our distribution system.

Visit mge.com/charge-at-home to learn more and enroll!

Resources from MGE

Working Together

If you've fallen behind on your MGE bill, we can help. Please call us to set up a personalized payment arrangement to avoid collection action, late-payment fees or disconnection of your service.

A payment arrangement is a plan for you to pay your current bill and a portion of past-due bills each month until you get caught up. We can work with you to create a plan before you get too far behind. Call us weekdays at 608-252-7144 between 7 a.m. and 7 p.m.

Visit mge.com/dpa to learn more.

Stay alert for scams

Utility scams are on the rise. Visit mge.com/scams for tips on how to protect yourself from fraudulent phone calls, text messages and in-person encounters.

If you suspect a contact may be fraudulent, give us a call at 608-252-7222 before taking any action.

Be sure to connect with MGE on social media!



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