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Groundbreaking Signals Strong Energy Future for Muscatine

Muscatine Power and Water (MPW) reached an exciting milestone on June 2 with a groundbreaking ceremony for EcoGen 10—an important new project supporting Muscatine’s future energy needs.

Community leaders, business partners, and stakeholders gathered to celebrate the start of construction on this new generating facility, a key part of MPW’s Powering the Future plan.

EcoGen 10 will be MPW’s first natural gas-fired generating unit. The 35-megawatt unit uses combined heat and power (CHP) technology, producing both electricity and useful heat at the same time to improve efficiency. In fact, the unit is expected to reach over 75% efficiency by capturing and reusing energy that would otherwise be wasted.

“This is an important step forward for our community,” said General Manager Gage Huston. “EcoGen 10 reflects our commitment to delivering reliable, affordable, and sustainable energy for Muscatine.”

The new facility will supply electricity to the grid while also providing steam to a nearby industrial customer—making the most of every unit of energy produced.

Powering the Future

EcoGen 10 is a cornerstone of MPW’s Powering the Future initiative—our long-term plan to ensure Muscatine continues to have safe, dependable, and affordable energy. This plan focuses on four key priorities:

- **Reliability** – keeping the lights on
- **Affordability** – managing customer costs
- **Flexibility** – preparing for new technology and future changes
- **Sustainability** – adding cleaner energy options

MPW is taking a balanced approach by investing in a mix of energy sources, including more efficient generation like EcoGen 10 and local renewable projects such as solar. We will continue to evaluate new technologies, monitor energy trends, and listen to customer feedback to guide future decisions.

What This Means for You

Projects like EcoGen 10 help ensure you can count on reliable service today and in the future—while keeping costs manageable and planning responsibly for what’s ahead.

The EcoGen 10 unit is expected to be in service by the end of 2027.



MachLink Updates Coming Soon!

We wanted to give you a quick heads up that you’ll be receiving an email from us soon about a few updates to our MachLink email service.

These updates are designed to keep your account safe and running smoothly, with added protection against spam, fraud, and unauthorized access. The upcoming email will walk you through a few simple changes, like updated login requirements, stronger passwords, and secure email settings.

There’s nothing you need to do right now. When the email arrives, please take a moment to review it and follow any recommended steps when it’s convenient for you.

Questions

If you have questions or need assistance at any time, our local HelpDesk team is here for you by calling:

563-263-2631, option 2
7 days a week, 6:00 AM – Midnight

Email Security Night

Need a little help or prefer to talk with someone in person? We’ve got you covered.

We will be hosting **Email Security Nights**, where our team will walk through the updates and help you make any changes you need—right on your device.

Upcoming Email Security Nights:

MPW offices located at 3205 Cedar St.
Monday, July 13, 2026 | 4-6 pm
Monday, July 20, 2026 | 4-6 pm
Monday, July 27, 2026 | 4-6 pm

More details will be shared soon—we’d love to see you there!

Reminder: For Your Safety

We will never ask you to click a link to change your password. The safest way to make changes is to go directly to our official website by typing the address into your browser.

Power Watch and Power Warning

KNOW THE DIFFERENCE

At Muscatine Power & Water, we rely on each other—especially during times when electricity demand is high. A **Power Watch** means the potential exists for electric energy demand to exceed electric energy supply. If this happens, we ask everyone—homes, businesses, and industries—to work together and voluntarily reduce energy use. Simple steps like raising your thermostat, delaying laundry, or limiting use of large appliances can make a big difference in keeping power reliable for everyone.

A **Power Warning** is more **urgent and mandatory**. It means our community is already using more electricity than is available. When a Power Warning is issued, it's important for all customers to take immediate action and reduce electricity use to only what's essential. By acting quickly together, we can help prevent outages and keep power flowing to critical services.

These alerts are part of national reliability standards set by the North American Electric Reliability Council (NERC), ensuring utilities like MPW keep customers informed during potential or actual power emergencies.

By working together as a community, we can help protect our shared energy resources and keep the lights on for everyone in Muscatine.

MPW ENERGY EMERGENCY Advisory Levels

If MISO grid operator declares a Midwest Energy Emergency, MPW will advise steps to conserve electricity and if protective power outages for the grid are needed, rolling blackouts will be implemented.

GO	GREEN LEVEL - GO Use or save electricity as you wish
WATCH	YELLOW LEVEL - POWER WATCH Alert to be ready to conserve
WARNING	ORANGE LEVEL - POWER WARNING Go conserve
EMERGENCY	RED LEVEL - EVENT EMERGENCY Protective power outages, rolling blackouts

Stay Cool & Save Energy This Summer

Hot summer days can drive up energy use, but a few small changes can make a big difference in keeping your home comfortable while lowering your bill.



Here are some easy ways to save:

- **Set your thermostat smartly:** Aim for 78 degrees or as high as comfortably possible. Using a programmable or smart thermostat can help manage temps while you're away.
- **Keep cool air in:** Close curtains or blinds during the day to block heat from the sun. *Reflective blinds can reduce heat even more.*
- **Watch appliance use:** Turn off lights and electronics when not in use, and keep refrigerator and freezer doors closed as much as possible.
- **Use exhaust fans briefly:** Turn on kitchen and bathroom fans while cooking or showering, but switch them off after about 20 minutes.

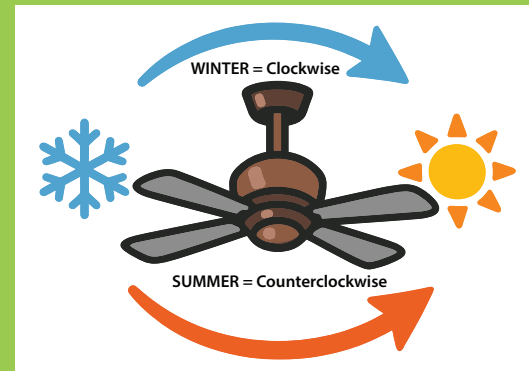
During periods of extreme heat, energy demand can be high. If needed, MPW will share **Power Watch/Power Warning** (see article above) updates and tips to help reduce strain on the system.

Finally, keep an eye on your energy use. MPW's SmartHub app makes it easy to alerts during high-demand periods. Staying informed helps you make smarter choices and save more.

TOP THREE TIPS

Use Fans to Boost Comfort—Ceiling and portable fans help circulate air, making you feel cooler. This lets you raise your thermostat a few degrees and still stay comfortable. Just remember to turn fans off when you leave the room.

Note: Make sure your fans are moving counterclockwise during summer months.



Time Heat-Producing Tasks—Appliances like ovens, dryers, and dishwashers add heat to your home. Run them in the early morning or evening — or take it outside and grill to keep your kitchen cool.

Maintain Airflow—Check HVAC filters monthly and replace as needed. Clear any furniture or rugs blocking vents to help your system run more efficiently and reduce energy use.

Address: 3205 Cedar St. • Muscatine, IA 52761 Visit our website: www.mpw.org.

Lobby Hours: 8 AM - 4 PM; Drive-thru: 8 AM - 5 PM, Mon-Fri. HelpDesk: 6 AM - Midnight, daily
Utility Emergencies: 263-2631, opt 0 (Phones answered 24/7) • HelpDesk: 263-2631, opt 2 (6 AM - Midnight)
Customer Services: 263-2631, opt 3 • Pay by Phone: 263-2631, opt 1 • 24-hour payment drop box available



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