

Be Prepared

Potential Power Supply Shortfalls

The Board and staff of Chippewa Valley Electric Cooperative (CVEC) would like CVEC Members to be aware we are facing the heightened risk of rolling blackouts this summer due to generation facilities being retired faster than the pace of adding new energy sources, resulting in capacity shortages.

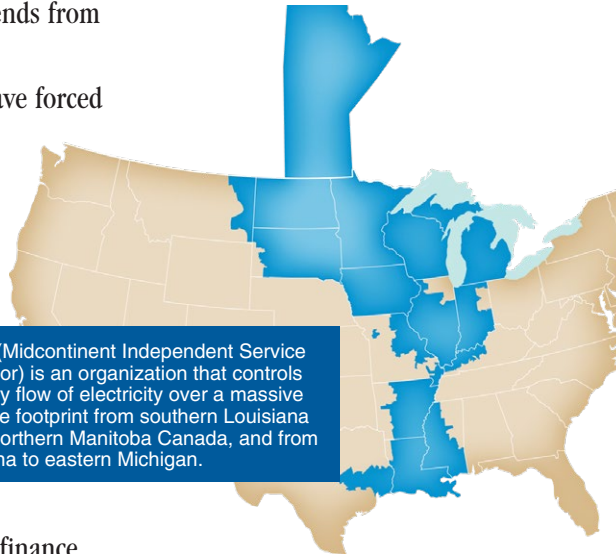
CVEC's power supplier is Dairyland Power Cooperative (DPC). DPC is a member of Midcontinent Independent System Operator (MISO). MISO oversees the regional power grid. The MISO service territory extends from Michigan to Louisiana.

Government regulations have forced the closing of generation facilities that use coal to produce electricity, such as DPC's Genoa facility. Investments in additional new Natural Gas facilities are being hampered by Economic, Social, and Governance (ESG) requirements, as lenders are reluctant to finance any facilities that may contribute to "carbon emissions."

In addition to generation, there are issues with accessing power on neighboring systems as well, known as Transmission. There are large wind farms outside of DPC's service territory, but the energy is unable to be transferred to DPC via MISO as environmental groups and government regulations are not allowing

the construction of the required transmission facilities.

Wind and solar are not reliable forms of energy; if the wind doesn't blow and/or the sun doesn't shine, there is no power to deliver to CVEC's Members. There must be reliable energy available to fall back on when renewables are not available, this is known as base load. Coal and Natural Gas plants provide base load, but they cannot be enabled in short order, they are designed for a steady-state operation.



MISO (Midcontinent Independent Service Operator) is an organization that controls the very flow of electricity over a massive 15 state footprint from southern Louisiana up to northern Manitoba Canada, and from Montana to eastern Michigan.

The lack of base load power generation facilities coupled with insufficient transmission lines will lead to power shortages in the coming months. To address these shortages, MISO has implemented a Max Gen procedure. Max Gen (Maximum Generation) starts with a series of alerts and advisories to CVEC. Members participating in the co-op's

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Generator Safety Tips

A generator connected to a home's wiring or plugged into a regular household outlet can cause backfeeding along power lines and electrocute anyone who comes in contact with them.

Never connect a standby generator into your home's electrical system. There are only two safe ways to connect a standby generator to your equipment.

Stationary Generator:

An approved generator transfer switch, which keeps your house circuits separate from the electric co-op, should be installed by a Master Electrician.

Portable Generator:

Set up and run your generator in a well-ventilated area outside the home. Make sure it's out and away from your garage, doors, windows, and vents. The carbon monoxide generated is deadly.

Start the generator first before connecting appliances.

Plug appliances directly into the outlet provided on the generator.

If you use an extension cord, be sure it's heavy-duty and appropriately rated for the load/device connected to the generator.

Be Prepared continued

load management program will be notified when a Max Gen warning is issued, at which time DPC will issue a Full Load Control, similar to Peak Alert days, but without restrictions on hours. All loads that are on Load Management programs will be controlled, and all Members will be asked to conserve energy wherever possible. If the reduction in load via Full Load Control and voluntary reduction is not sufficient to relieve the stress on the grid, firm load shed will be initiated and rolling blackouts will start.

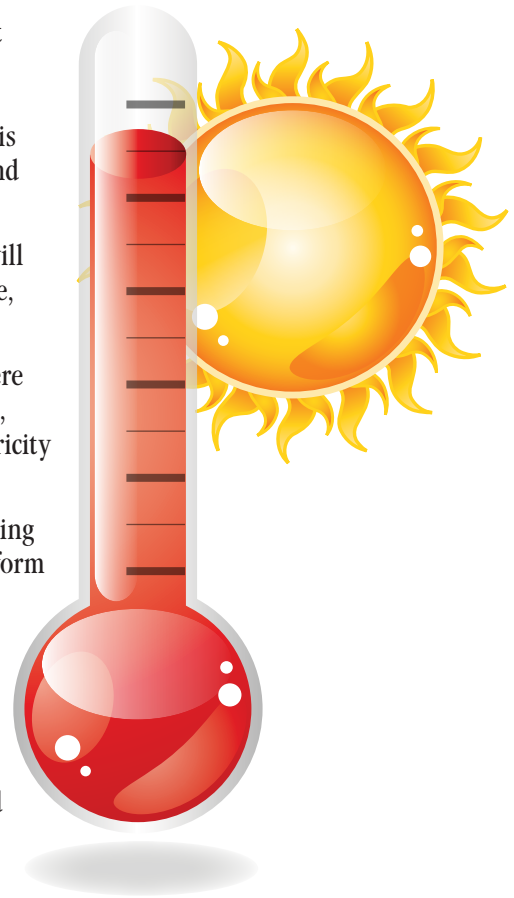
Once rolling blackouts commence, we have no way of knowing how long they will last. If we fail to perform rolling blackouts to reduce load the grid could collapse, resulting in significantly longer outages.

Depending on the circumstances and severity of stress on the electrical grid, there is a strong possibility some of the steps in the Max Gen process may be skipped, resulting in rolling blackouts with little or no warning. CVEC will have no electricity to manage/distribute to Members.

Please prepare now. If you depend on electricity for oxygen or other life-sustaining medical equipment it is recommended you arrange for a reliable backup in the form of an uninterruptible power supply or a generator.

This is an entirely new set of circumstances we are being forced to deal with; unprecedented in CVEC's history. Updates will be posted on CVEC's Facebook and Web pages.

Thank you, in advance, for joining CVEC as we all do our part to ensure safe, reliable, and affordable electricity for all members and the region. CVEC's board of directors and employees are dedicated to being Your Cooperative Powering Your Future.



 /ChippewaValleyElectricCoop
Follow us for real time updates
and Peak Alerts.



DON'T BE LIKE BOB.

Bob forgot to check CVEC's website for rebates before purchasing a new appliance and missed out on some serious savings. Don't be like Bob and end up in the doghouse. Check cvecoop.com to learn how CVEC can help you save on energy-efficient home purchases and projects.

Energy Efficiency Tip of the Month

The combined use of large appliances like dishwashers, clothes dryers and washing machines account for the largest percentage of electricity use in the average U.S. home? Take small steps to save energy when using these appliances. Only run full loads in the dishwasher, and thoroughly scrape food from dishes before loading. Dry towels and heavier cottons separate from lighter-weight clothing, and clean the lint screen after every use. Wash clothing in cold water to save energy used to heat water.

Source: EIA and DOE

