



Minnesota Municipal Utilities Association

Generation School

April 18–20, 2023



2023 Generation School Overview

Engaging classroom discussion

With a mix of classroom and hands-on learning, Generation School appeals to all learning styles. In the classroom, attendees will learn about arc flash study rules and regulations in generation facilities, emission compliance, testing and recording best practices, and more.

Tours

Attendees will also have the chance to go behind the scenes and tour:

- **Integrated Power Services**—Here, attendees will see the testing, repairing, and rewinding all sizes of generators and electric motor windings.
- **City of Litchfield's generation facilities**—In their newer, quick start, Caterpillar facility, they have recently added new 3100kw units to their existing fleet of 2500kw units. The older generation facility houses Fairbanks Morse, dual fuel, turbo OPs.

Dynamic hands-on training opportunities

At the Glencoe Power Plant, attendees will separate into training groups dependent on equipment preference. Three engine systems will be covered:

- **Caterpillar**—A team of representatives from Ziegler Power Systems will present on operations and maintenance procedures, and electrical equipment testing and maintenance for Caterpillar engines.
- **Cooper/Enterprise**—Larry Wheeler of Wheeler World Inc. will train on cylinder power balancing procedures and other maintenance and testing procedures for Cooper/Enterprise engines.
- **Fairbanks Morse Defense**—Jeff Crampton will train on maintenance and testing procedures for Fairbanks OP units.

Attendees will also rotate in and out of battery, water, and fuel presentations, including:

- **Cooling water testing and treatment procedures**
- **Fuel cleaning and conditioning**
Matt Johnson of Critical Fuel Technology
- **Maintenance and testing procedures for DC battery bank systems**
Todd Lodico of Action Battery Wholesalers and Steve Belisle of BAE Batteries USA

What to bring

Because some of the training will take place outside of the classroom, participants must have the proper PPE for tours and in-plant training, including:

- Hard hat
- Safety glasses
- Safety footwear

Note: hearing protection will be provided.

Schedule

Tuesday, April 18

Location: Hutchinson Event Center

12:00–1:00	Registration/check-in
1:00–1:15	Welcome and introductions
1:15–2:00	Arc flash study rules and regulations <i>Electric Power Systems (EPS)</i>
2:30–4:30	Tours <i>Integrated Power Services</i> <i>City of Litchfield's generation facilities</i>
5:30–7:30	Welcome Reception <i>Cobblestone Hotel & Suites</i>

Wednesday, April 19

Location: Glencoe Power Plant

8:30–8:45	Introduction and safety briefing
8:45–4:00	Hands-on training

Thursday, April 20

Location: Glencoe Power Plant

8:30–9:30	Best practices for start up procedures
9:45–11:30	Rules and regulations for emissions compliance <i>Donna Oehm, Power Plant Compliance Inc.</i>
11:30–12:00	Wrap-up and evaluations

Special thanks to our Welcome Reception sponsors:

**FAIRBANKS MORSE
DEFENSE**



Hotel information

Cobblestone Hotel & Suites
416 Prospect Street Northeast
Hutchinson, MN 55350
320-587-7777

MMUA has negotiated reduced room rates at the Cobblestone Hotel. Rates start at \$119 per night, plus tax. To obtain MMUA's reduced rate, please call the hotel directly and mention "MMUA Generation School."

We recommend you make your reservation as soon as possible, as availability is limited and cannot be guaranteed. MMUA's room block closes on March 14 or when sold out.

Locations

- April 18: **Hutchinson Event Center**
1005 Hwy 15 S, Plaza 15, Hutchinson
- April 18: **Welcome Reception at Cobblestone Hotel & Suites**
416 Prospect Street Northeast, Hutchinson
- April 19–20: **Glencoe Power Plant**
305 11th Street East, Glencoe

Attendee Information

Name: _____

Email: _____

(2) Name: _____

Email: _____

(3) Name: _____

Email: _____

Please select which hands-on instruction you will attend (select one):

Caterpillar Cooper/Enterprise Fairbanks Morse Defense

Utility/Co. _____

Address: _____

Primary Contact: _____

Email: _____

Phone: _____

PHOTOGRAPHS: By registering for this conference, I, the attendee(s) named above, authorize Minnesota Municipal Utilities Association (MMUA) to photograph me at this event and use such photographs in MMUA marketing materials (both electronic and print). I understand that I will not be paid for giving this consent.

QUESTIONS? Contact Theresa Neddermeyer by email at tneddermeyer@mmua.org or call 763-551-1230.

Registration Fee (by March 17)

- Member—\$515 per person
- Non-member—\$690 per person

NOTE: Registration fees increase \$50 per person after March 17.

Deadline to register: March 27 or when sold out.

Registration Fee: \$ _____

x Number of Attendees: _____

Total Due \$ _____

Payment Options

Check Payable to MMUA

Bill Utility/Company
 Purchase order _____

Credit Card*
 Visa MasterCard Discover

*If you would like to pay by credit card, please contact our office at 763-551-1230.

Or if you prefer that we contact you, please indicate the phone number that we should contact you at:

REFUND: MMUA will issue a refund (less \$35 processing fee per person) provided MMUA is notified of the cancellation by 4:30 p.m. on March 27. *Sorry, no refunds after March 27, 2023.*



Online: www.mmua.org/event/generation-2023

Email: tneddermeyer@mmua.org

Fax: 763-551-0459

