

Substation School

March 11–13, 2025



Wyndham Garden
9200 Quaday Ave NE, Otsego, MN

Program details

Substation School is an annual opportunity to learn about current trends and best practices for maintaining your utility's substation.

Having the best distribution system doesn't matter if your substation isn't operating properly. This school offers instruction on important topics that can benefit anyone working in or on your substation. In addition to expert-led classroom instruction, attendees tour a substation and a solar farm with battery storage.

Topics to be covered:

- Substation maintenance and inspection
- Key components and systems
- Case study review and discussion
- Proper switching techniques
- Benefits of protective relays

What to bring

Please bring appropriate attire and materials, including:

- High-visibility clothing
- Hard hat
- Safety glasses
- Safety footwear

Registration information

Member: \$555 per person

Non-member: \$835 per person

Registration fee includes school tuition, materials, refreshment breaks, and lunch on Wednesday.

MMUA will issue a refund (less \$50 processing fee per person) provided MMUA is notified of the cancellation by 4:30 pm on February 21. Refunds issued to a credit card will be subject to a 3% fee.

Visit mmua.org/events/substation-school to register.

**Early bird registration rate ends February 14, 2025.
Registration increases \$50 after that date.**

Agenda

Tuesday, March 11

- 12:00–1:00 Registration and check-in
- 1:00–1:15 Welcome and opening remarks
- 1:15–2:15 Substation maintenance and inspections
- 2:15–2:30 Break
- 2:30–4:00 Substation maintenance and inspections (continued)

Wednesday, March 12

- 8:30–10:00 The basics of substation configuration
- 10:00–10:15 Break
- 10:15–12:00 Case studies
- 12:00–1:00 Lunch
- 1:00–4:00 Group tours:
 - Elk River substation
 - Solar farm with battery storage

Thursday, March 13

- 8:30–10:00 Proper switching techniques
- 10:00–10:15 Break
- 10:15–12:00 Understanding Schweitzer relays

Hotel information

Wyndham Garden

9200 Quady Ave NE, Otsego, MN

763-656-4400

MMUA has arranged for discounted lodging. Please contact the hotel directly asking for the MMUA reduced rate of \$99/night + tax. Availability is limited and cannot be guaranteed. Hotel block closes on February 22, 2025 or when sold out.