

Electrical Skills Training for Water/Wastewater Operators

March 18–19, 2026



**MMUA Training Center
1004 Michigan Rd, Marshall, MN**

2026 Program details

This course is offered as supplemental training for non-electrician water/wastewater operators and support staff.

This year's workshop will be led by Chad Kurdi, senior electrical engineer and trainer with the Electric Association. Chad will cover topics that benefit non-electricians to further develop participant's skills and increase confidence to work safely in a water/wastewater environment.

Plus, there will be plenty of hands-on exercises covering everything from the basics of operating a voltmeter to more challenging troubleshooting on various electrical equipment.

This workshop may qualify as training hours through the Minnesota Department of Health and the Minnesota Pollution Control Agency.

What to bring

Please bring appropriate attire and materials, including:

- Safety glasses
- Appropriate rubber gloves with leather protectors
- Voltmeter
- Commonly used hand tools for maintenance
- Safety footwear

Note: Arc flash shields will be available onsite.

Agenda

Wednesday, March 18

- 12:00–1:00 Registration and check-in
- 1:00 Welcome and opening remarks
- 1:00–2:15 Codes and regulations; safety in the workplace; personal protective equipment; recognizing hazards:
 - State regulation overview
 - NFPA 70E overview
 - Job briefings
 - Required personal protective equipment
 - Hazard identification and arc flash hazards
- 2:15–2:30 Break
- 2:30–4:00 Working in the plant as a non-electrician

Thursday, March 19

- 8:00–10:00 Tour of Marshall water treatment plant
- 10:00–12:00 Work you can do in the plant; process of registering with the State of Minnesota
- 12:00–12:45 Lunch served
- 12:45–4:15 Hands-on exercises
 - Electrical testing
 - Troubleshooting techniques
 - Lockout tagout
 - Voltage checks; test/size fuses
- 4:15–4:30 Q and A and recap

Registration information

Member: \$685 per person

Associate/Affiliate member: \$785 per person

Nonmember: \$1030 per person

Must be a member to register. Fee includes school tuition, materials, refreshment breaks, lunch on Thursday. Registration fee increases \$50 on February 21, 2026. MMUA will issue a refund (less \$50 processing fee per person) provided MMUA is notified of the cancellation by 4:30 pm on February 27.

To register, visit mmua.org/event/2026-electrical-skills-training.

Hotel information

Marshall offers many hotel options, in addition to the hotels listed below. MMUA has arranged for discounted lodging at these hotels. Please call the hotel directly and ask for MMUA's reduced rate when making your reservation. We recommend making your reservation as soon as possible, as availability cannot be guaranteed.

AmericInn

1406 E Lyon St, Marshall

Phone 507-537-9424

EverSpring Inn & Suites

1500 E College Dr, Marshall

Phone 507-532-3221