

Attendees flock to MMUA Technical & Operations Conference

Municipal utility people from around the state gathered in St. Cloud Dec. 3-5 for the MMUA Technical & Operations (T&O) Conference.

The conference provides an opportunity for a variety of personnel—managers, crew leaders, lineworkers and others—to gather and learn from industry experts, and each other. Approximately 100 people attended the event, plus numerous vendors and associate members at the trade show.

Following a welcome from MMUA Director of Training and Safety Mike Willetts, motivational speaker Jay Gubrud slipped the conference into gear Tuesday afternoon with an upbeat talk titled *Jumping In the Driver's Seat!* This presentation motivated people to improve leadership skills and relationships in order to cultivate effective teams.

Rick Martagon and Jeremy Parker of the Minnesota De-

partment of Labor and Industry (DOLI) followed that up with a look at MMUA's Standards of Apprenticeship. MMUA worked with DOLI to update its Line Work Apprenticeship Standard, which has been endorsed by the state. The DOLI representatives talked about the Apprenticeship Standard and the benefits of MMUA's On-Site Apprentice Lineworker Training Program. This was a good opportunity for some interaction between the DOLI representatives and municipal utilities, with lots of questions, particularly on the apprentice/journeyman ratio issue.

Safety was the clear topic of the next morning's two speakers. Scott Meinecke of the Iowa Association of Electric Cooperatives is a familiar instructor. He stepped back from his usual technical instruction to analyze 'The Power of A Minute.' This well-received program focused on the true value of a minute



The Conference provides numerous opportunities for MMUA Associate Members to get in front of municipal utilities, including the Vendor Showcase. Here, Dan Boivin of L70 Technologies displayed a universal pole mount for communications devices. Kent Shields of the company is at the front of the room, discussing the device's merits.

as it pertains to getting safely home.

Apprentice lineworker and rodeo recognitions closed out the morning. Don Harbuck from Northwest Lineman College

gave a heartfelt talk on the need for more experienced lineworkers to mentor apprentices in a way that will positively impact

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SMMPA members to establish EV charging network

ROCHESTER, MN – Southern Minnesota Municipal Power Agency's (SMMPA) member municipal utilities have committed to establishing an electric vehicle (EV) charging network to help facilitate the transition to EVs in Greater Minnesota. Participating members will be installing a DC Fast Charger and two dual-port level 2 chargers in each of their cities by the end of 2020.

"It's a great opportunity and an important first step to facilitate acceptance of electric vehicles, an amazing technology that will transform both the electric utility and transportation industries," says Chris Schoenherr, SMMPA's director of agency and government relations and chief external affairs officer.

Since 90 percent of EV charging typically occurs in the owner's garage at night, when electric demand is low, Schoenherr says utilities can gener-

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End of an era

Economics sound death knell for WMU downtown steam plant

by Steve Downer

It's the end of an era in Willmar.

The Willmar Municipal Utilities (WMU) Commission Nov. 12 voted unanimously to decommission the municipal power plant, effective July 1, 2020. The Willmar landmark, updated many times over the years, has operated at its current site since 1925 (94 years).

Though under study for some time, the plant's fate was all but sealed when the Commission voted in 2017 to decommission its district heating system. The power plant and district heating system will shut down together, next July.

"We've discussed this many, many times in depth," Commissioner Bruce DeBlieck was quoted as saying in the *West Central Tribune*. "This is the only logical direction to take."

With the district heating system shut-down, the utility would have had to install a boiler to keep the plant warm when not in use, and employ seven certified staff to operate boilers and steam turbines.

Among the factors leading to shutdown were the plant's age, declining reliability, deferred maintenance and other costs to



The Willmar Municipal Utilities power plant has operated at its current site, on the north side of U.S. Highway 12, for 94 years. Utility offices are also visible in front of the plant.

maintain operations. It was decided the economics of maintaining and operating the plant, as a source of power in emergency, no longer worked.

Infrastructure in and around the plant remains vital to the local electrical system. That gives WMU some time to explore possible future uses of the power plant building. Estimated demolition cost is approximately \$5 million, with roughly two-thirds of that cost due to asbestos abatement.

The facility includes three natural gas-fired boilers: No. 4, No.

3, and a Portable Boiler.

As the demand for district heating has dwindled, the two large gas boilers were no longer able to produce steam efficiently. This led to the addition of the 27.8 MMBtu/hr portable boiler, which was added to the facility on July 31, 2018, and is used to meet the majority of WMU's district heating needs.

The other boilers served as district heating backup, with one maintained to supply a genera-

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ally handle that load without additional generation. However, the lack of public charging stations in most communities is a major barrier to consumers making the switch because of “range anxiety”—the fear they may not be able to reach distant destinations.

“Regardless of whether you are a small or large community, there is strength in numbers that creates economies of scale and sends a consistent message to our customers,” says Joe Hoffman, SMMPA Board President and Preston Public Utilities general manager. “As a board, we felt it was critical to move forward together on this key initiative that will help our communities.”

SMMPA is partnering with ZEF Energy, the largest independently owned and operated DC Fast Charging Network in Minnesota and Wisconsin. SMMPA will purchase the chargers from ZEF Energy and transfer ownership to its member utilities.

SMMPA will cover the cost of maintenance.

ZEF Energy was selected by the Minnesota Pollution Control Agency to install charging stations as part of the Volkswagen settlement. With SMMPA working on a similar timeline, ZEF Energy was able to leverage its expertise and purchasing power to create a package that was viable for SMMPA members.

“SMMPA is taking a market-leading approach,” says Matthew Blackler, CEO of ZEF Energy. “It is removing a major barrier to EV ownership by making charging and cross-state travel as convenient and accessible as possible.”

The DC Fast Chargers provide EV owners with a quick charge when they are traveling longer distances. The Level 2 chargers provide a charging option for EV owners while they are shopping, dining at a restaurant or conducting other business in town.

SMMPA member utilities are currently identifying potential sites for the chargers. Businesses that are inter-



Where to place the chargers will no doubt be the source of some local discussion in the 18 SMMPA member cities. Pictured is U.S. Hwy. 169 through St. Peter.

ested in potentially being a site host for one of the chargers should contact their local SMMPA member utility.

Schoenherr expects it will take some time before the chargers are being fully utilized.

“In the utility business, we think long-term. A transformation begins with one step, and we are taking our first step today.”

About SMMPA

SMMPA provides electricity and related services to 18 municipally operated utilities, mostly in south-central and southeastern Minnesota. SMMPA member utilities include: Austin Utilities, Blooming Prairie Public Utilities, Fairmont Public Utilities, Grand Marais Public Utilities, City of Lake City Public Utilities, Litchfield Public Utilities, Mora Municipal Utilities, New Prague Municipal Utilities, North Branch Municipal Water &

Light, Owatonna Public Utilities, Preston Public Utilities, Princeton Public Utilities, City of Redwood Falls Public Utilities, RPU (Rochester Public Utilities), City of St. Peter Public Utilities, Spring Valley Utilities, City of Waseca and Wells Public Utilities.

About ZEF Energy

ZEF Energy is Minnesota and Wisconsin’s largest independently owned and operated DC Fast Charging Network. Over the last four years, ZEF has successfully worked with cities, utilities, non-profit, and for-profit partners to provide increased availability of reliable and cost-effective electric vehicle charging across the Midwest.



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Dodge County Wind project stalls before Public Utilities Commission

The Minnesota Public Utilities Commission Nov. 14 granted Dodge County Wind’s request to withdraw its high voltage transmission line application, and rejected its request for a revised certificate of need and site permit applications.

Dodge County Wind (DCW) proposed a 170-megawatt wind energy plant to be located across approximately 52,000 acres of agricultural land in western Dodge and eastern Steele counties, west of Rochester. DCW, a wholly-owned indirect subsidiary of NextEra Energy, also proposed a 21- to 26-mile 345-kilovolt (kV) transmission line to connect with the Byron substation.

The regulatory process started in April 2017. DCW said it sought to withdraw its request after learning of the significant interconnection costs applicable to the pro-

posed project resulting from interconnection analysis conducted by the Midcontinent Independent System Operator (MISO).

DCW filed a revised certificate of need and site permit applications on Sept. 6. The applications did not include the transmission line proposed, or any other transmission line necessary to interconnect to the transmission system. DCW said it would make the necessary filings when it identified an interconnection plan for the proposed project, with an anticipated completion of no later than spring 2020.

The Commission followed staff’s recommendation that the certificate of need application was not complete and the review process could not begin until facilities necessary to interconnect the project to the transmission system were identified, among other items.

APPA emphasizes importance of coalitions; letter touts hydropower strengths

by Paul Ciampoli, News Director, American Public Power Association

When it comes to a wide range of significant electric policy issues, the American Public Power Association sees value in partnering with other trade groups and industry participants to make its voice heard on issues such as transmission costs, wholesale markets and cybersecurity, said Delia Patterson, Senior Vice President, Advocacy & Communications and General Counsel at the Association.

In a recent example of what Patterson described, the Association and the National Rural Electric Cooperative Association in October sent a letter to members of the Pacific Northwest congressional delegation in which the groups said that the Bonneville Power Administration and the federal hydropower it markets “will continue to provide value to the region and nation for decades to come.”

Patterson made her comments at a Women In Energy breakfast held on Oct. 16. at an Energy Bar Association meeting in Washington, D.C. She said that when it comes to various power industry issues, her first thought is how can the Association “align ourselves with others in the industry on an issue – we tend to do better and I think anybody tends to do better when you’re in a coalition.”

Washington Report

She said that “it’s very important for all of us to know where various stakeholders are on different issues. You just never know where you’re going to find support.” The Association needs to know which parties “within the beltway and outside the beltway that are on the same page with us,” Patterson said. “Although we feel like we’re a little different as public power, we do have a lot in common with our IOU [investor-owned utility] and co-op brethren,” Patterson noted.

“We’re not aligned on every issue, but there are many issues that we’re aligned on,” the Association official said.

Patterson said that the Association is usually on the same page with the Edison Electric Institute, which represents IOUs, and the NRECA, when it comes to cybersecurity issues. When it comes to issues tied to the North American Electric Reliability Corporation, “we’re similarly aligned.”

In the area of Federal Energy Regulatory Commission (FERC) jurisdiction, the three trade groups are on the same page with respect to FERC’s Order No. 841. That decision adopted rules aimed at re-

moving barriers to the participation of energy storage resources in wholesale power markets operated by regional transmission organizations and independent system operators.

The Association, NRECA, EEI, the National Association of Regulatory Commissioners and American Municipal Power are jointly appealing Order No. 841 before the U.S. Court of Appeals for the D.C. Circuit on jurisdictional grounds.

“Something like FERC jurisdiction – that, to me, is an existential threat to what we believe in, what we control and local authority,” Patterson said. She knew even before asking Emily Fisher, general counsel and corporate secretary at EEI, and Randy Elliott, regulatory counsel at NRECA, that “they would be on board for appealing that order.”

Meanwhile, the Association, NRECA and EEI agree on the need for reforms of the Public Utility Regulatory Policies Act of 1978 (PURPA). FERC in September proposed to modernize its regulations under PURPA.

“We work really well together with NRECA on PMA and TVA issues,” she said. The Association and NRECA earlier this year voiced opposition to renewed federal efforts to sell the transmission assets of three federal Power

Marketing Administrations (PMAs) and the Tennessee Valley Authority’s (TVA) transmission assets and change the current cost-based rates structure for all four of the PMAs.

When it comes to wholesale power markets, the Association is generally aligned with NRECA, consumer advocates, states, end users and renewable energy supporters, Patterson noted.

The Association is also in agreement with NRECA, consumer advocates and end users with respect to transmission issues. In August, the two trade groups were joined by more than 40 entities in sending a letter to FERC that said the agency should strive to ensure that transmission costs remain at a reasonable level for consumers as it weighs possible changes to its transmission incentives and return on equity policies.

In a recent blog, Patterson wrote that the “robust pace of transmission development over the past decade indicates that there is no need for FERC to loosen the incentive purse strings now to get transmission projects built.” Patterson told the group of energy attorneys that “it’s important to understand generally where different folks are situated within the industry.” If attorneys in the energy sector are working on a particular issue, they should think

about “who am I likely to be aligned with? Could we form a coalition?”

APPA, NRECA, laud benefits of federal hydropower

In early October, Sue Kelly, President and CEO of the Association, and Jim Matheson, CEO of NRECA, sent a letter to members of the Pacific Northwest congressional delegation in which they said BPA and the federal hydropower it markets “will continue to provide value to the region and nation for decades to come.”

Kelly and Matheson also noted that hydropower “is the premier renewable resource and offers unparalleled reliability.” As the rest of the country “grapples with how to ensure an affordable and reliable transition to a clean economy, the Pacific Northwest is leaps and bounds ahead. Innate to hydropower are attributes—low cost, non-emitting, and reliable—that are highly desirable energy policy goals that energy markets are moving towards appropriately valuing.”

Those attributes apply to power marketed by other federal power marketing agencies, including the Western Area Power Administration, which markets power to municipalities and cooperatives in the western third of Minnesota.

Gov. Walz cites ‘existential threat,’ creates Advisory Council on Climate Change

Minnesota Gov. Tim Walz Monday, Dec. 2 issued an executive order stating that “climate change is an existential threat that impacts all Minnesotans,” and called for the creation of a Governor’s Advisory Council on Climate Change.

The secretary of state’s office is accepting applications for the council, which will include 15 members. The first application review date is Christmas Day, Dec. 25. As of Dec. 6 there were 31 applicants. The secretary of state’s notice of position openings included the following information:

Powers and Duties: The council’s duties are as follows: meet up to four times per year to identify opportunities for, and barriers to, the development and effective implementation of policies and strategies to reduce greenhouse gas emissions and promote climate change resiliency; promote equity by examining how climate change impacts communities across the state and how potential solutions can address current disparities, incorporating the perspectives of people of color, indigenous people, rural Minnesotans, and other

populations who experience disproportionate impacts from climate change; promote a just transition for impacted workers and communities by examining the trade-offs that may accompany policies.

Restrictions to Membership: The Governor will seek representation from community leaders, individuals with experience in the business sector, agriculture, conservation and environmental protection, and other relevant stakeholders.

Meeting information is still to be determined.

How to apply

Go online to visit the Minnesota Secretary of State’s ‘Open Positions’ page. Scroll down to find the correct Agency/Board/Council. Click button that says APPLY. The system will walk you through creating an application profile.

Page 2 of the application will now allow you to attach the following documents:

- Letter of Interest
- Resume or Biography

Paper applications may be submitted by email to: Open Appointments or by mail or in person to:

Office of the Minnesota Secretary of State
180 State Office Building
100 Rev. Dr. Martin Luther King, Jr. Blvd.
St Paul, MN 55155-1299

Applicants are encouraged to use the online application. Applications will be reviewed and appointments made by the appointing authorities; questions about specific vacancies and appointments should be directed to the appointing authority.

Applications are kept on file for a one-year period.

Court sends Minntac permit back to MPCA

The Minnesota Court of Appeals Dec. 9 reversed a Minnesota Pollution Control Agency (MPCA) decision to renew a wastewater discharge permit for U.S. Steel’s Minntac iron ore mine, and sent the dispute, over whether Minntac had to comply with state law meant to protect wild rice beds by limiting discharge of sulfates, back to the MPCA.



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The **Rochester Public Utility Board** recently recommended a proposal for “a zero percent overall general rate increase,” which if approved by the city council will mean city residents will pay less for electricity in 2020.

The rate recommendations for the basic residential charge for electricity call for a reduction from \$19.50 to \$18.30, but a 1.7 percent increase would be seen in the rate based on kilowatt hours—the amount of energy used by an individual household—to make the basic fee decrease revenue neutral.

This year’s decrease is partially attributed to a reduction in power costs for electricity from the Southern Minnesota Municipal Power Agency.

However, the plan does call for city water rates to increase by 3.5 percent, which follows three years of 6 percent rate increases.

The **Austin Utilities Board of Commissioners** approved the 2020 Austin Utilities budget and related rate adjustments at the November board meeting. The

Around the State



annual budget is used to set rates. For 2020, customers can anticipate their electric and natural gas costs to remain the same with no adjustments.

This news comes one year after AU announced an electric rate decrease and flat natural gas rates for 2019. A major factor contributing to the electric and natural gas savings are stable wholesale power costs.

A water increase of 4.9 percent for both residential and business customers will become effective with the January 2020 utility bill.

The **Nicollet County Planning and Zoning Commission** Nov. 18 recommended approval of a six-acre solar energy plant, near Courtland. Neighbors objected. At full output, the plant will produce one megawatt.

Grand Rapids Public Utilities and Lake Country Power recently requested the



Austin Utilities is holding electric rates steady for 2020, one year after decreasing rates. Wholesale electric costs are largely to credit.

Minnesota Public Utilities Commission (MPUC) update its electric service territory records.

The update was requested to reflect the permanent transfer of an area locating within the city limits of the City of Grand Rapids from the cooperative to the municipal utility.

The area involves approximately 993 acres, 139 residential and eight commercial customers. It is located on the east side of the city, west of the Mississippi River.

The MPUC also recently approved a service territory transfer, of two areas within the city limits, from Otter Tail Power to **Detroit Lakes Public Utilities**. One area is approximately 9.5 acres and the other approximately 3.5 acres. One commercial and one residential customer were affected.

Minnesota Gov. Tim Walz and an entourage Oct. 29 toured **Detroit Lakes**, including Detroit Lakes

Public Utility’s new wastewater treatment plant. The \$34 million plant was about 75 percent complete, and is funded, in nearly equal amounts, by a Public Facilities Authority grant and by a low-interest 20-year loan.

Also, DL was among the 30 public power electric utilities earning excellence in Public Power Communications awards recently from the American Public Power Association. Awards were given for print/digital, web/social media and video. DL won an award for video in the category for utilities of less than \$75 million gross revenues.

The Minnesota Pollution Control Agency (MPCA) has awarded grants to ZEF Energy to build new 50 kW ‘fast-charging station’ electric vehicle charging stations along major highway corridors. In a recent announcement, MPCA said the municipal utility cities of **Detroit Lakes, Grand Rapids, Willmar, Marshall, Rochester**, along with Bemidji,

St. Cloud, and Mankato will receive the infrastructure, with Albert Lea getting one 150-kW fast-charging station.

Springfield Public Utilities also received a grant to install a DC ‘fast charging’ station, along the Hwy. 14 corridor.

One charging station can service two vehicles.

Lake Crystal, Madelia, and Truman have joined Central Minnesota Power Agency Services as associate members.

The **City of Warren** is finishing up a three-year program to take thermal images of rooftops in the city, using drones.

Residents will review the thermal images to identify areas that may need extra insulation or better sealing.

The city will offer on-bill financing to help pay for upgrades that are made based on the thermal images.

The thermal imaging program grew out of a climate program run by the University of Minnesota’s Institute on the Environment. The program in 2016 matched five cities in Minnesota — Duluth, Elk River, Morris, Rochester and Warren — with cities in Germany.

The **Hibbing Public Utilities Commission** Oct. 22 unanimously rejected a new electric supply contract proposal from Minnesota Power. The parties’ current contract expires Dec. 31, 2024.

Meanwhile, Xcel Energy is planning to submit a proposal to move a transmission line along Hwy. 169 near Kitzville (Hibbing), to make room for an expansion of a Hibbing Taconite mining operation. The line will be moved from the west side of the highway to the east side.

A solar energy project was recently completed at the **City of La Crescent**. The project was a partnership between the city and a private developer.

The development is part of La Crescent’s goal to be a Minnesota GreenStep City. The solar plant, according to published reports, is projected to generate over 4 million kilowatt hours and save the city about \$1 million over 25 years.

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tor for emergency electrical production. Two other boilers remain at the plant but have not been permitted for operation and are inoperable. The plant also houses a diesel-fired emergency generator.

The boilers used a variety of fuels over the years, including predominately coal in the early years. Natural gas, fuel oil and biomass, including corn cobs and sunflower seeds, were also used over the years. A corn cob combined with coal option was attempted a decade ago in an attempt to stimulate the local economy and give the plant a new lease on life as a renewable generator.

While technically feasible, the fuel mix relied on price support from the U.S. Department of Agriculture and was eventually abandoned.

Changing economics

Willmar Municipal Utili-

ties tied into the electric grid in 1959. As the economics of electric generation changed, the utility has purchased an increasing amount of power from others. By 1990, WMU was purchasing 75 percent of its electricity. Its main power sources today are federal hydropower from the Western Area Power Administration, supplemented by various resources from Missouri River Energy Services. Two local wind turbines supply about 5 percent of energy sold by the utility.

WMU increased reliability and sustainability of the city's power supply last year, with completion of its Priam substation and related transmission improvements.

Increased power import capability and decommissioning the downtown plant does not mean the end of municipal electric generation in Willmar, however.

The commission recommended that local generation be able to produce at least



While the decision has been made to cease operations at its power plant, no decision has been made on the future of the building itself. Having played a central role in the provision of electric service in the city for many years, the electric system itself is entwined in the plant and its surroundings.

25 percent of the city's peak power usage. The utility operates four diesel generators, in other locations, which can

produce 12 megawatts of power, or 20 percent of the city's peak power.

There are still about 100

customers who need to transition from the district heat program to a different heat source.

Willmar power plant changed through the years

From the WMU centennial history book:

Willmar Municipal Utilities has been in business since 1891.

The possibility of the establishment of a heating system, using exhaust steam from the power plant, was first discussed at a special meeting of the Water & Light Commission Nov. 6, 1912. Two commissioners were sent to "the cities" to get information, plans and specifications regarding the installation of a first-class heating system. Two weeks later, Chas. L.

Pillsbury was retained to prepare plans and specifications for Willmar's heating system.

Distribution plans were drawn up and potential customers petitioned the Commission for the service, on May 1, 1914. Within a year, the system was in operation. Developments continued and the Water & Light Commission held a special meeting Aug. 14, 1916 to formally establish the system, and rates. Steady expansion ensued.

By 1923 it had become apparent that there wasn't room in the city for both Willmar

Heating Company and the municipal system. The Commission began a consistent program of stock purchases which resulted, four years later, in its sole ownership of the Heating Company. Final settlement was made in late summer 1927.

Land for the current power plant site was purchased in 1921 and bonds sold in 1923. These improvements were necessary as part of a water service upgrade. The first phase of construction was complete in 1925.

The steam system was switched over to hot water in 1982, following study and eyewitness examination of similar systems in Sweden.

A local *Tribune* article of 1938 read: "The Municipal Light and Power Plant of the City of Willmar is an outstanding source of pride and profit to the citizens—A million dollar industry owned by the people of the City of Willmar practically free of all encumbrance! Paid for by the service it has rendered the citizens of the city . . . A big growing industry free to advance and given vital service to the people of the community!"

The plant may be decommissioned, but the utility and its benefits to the city remain as strong as ever.



This MMUA file photo from 2009 shows a turbine in the Willmar Municipal Utilities power plant.

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MMUA Tom Bovitz Memorial Scholarship Award essay contest entry deadline set for April 15

The MMUA Tom Bovitz Memorial Scholarship Award has \$5,000 for high school seniors.

This program was created as a public relations tool to increase the awareness of public power and create goodwill in your city for your utility. Our fund is split into four prizes and awarded to essay contest winners who plan to attend a post-secondary educational institution.

MMUA provides information for members to forward

to their local high schools—public and private.

The local governing body of the utility (or its designee) picks a local winner. Every MMUA member may then enter the one local essay contest winner to the state contest. The deadline for utilities to forward local winners to MMUA is April 15, 2020. Local deadlines will need to be set earlier, to allow the local governing board (or its designee) time to review the entries. Many members, with

necessary local political support, award their own scholarships locally to encourage participation.

A group of MMUA members will select the first, second, third and fourth place winners statewide. MMUA will announce the winners by mid-May.

Please contact Steve at 763-746-0702 or email him at sdowner@mmua.org if you have any questions or comments. Thank you for helping make this program a success.



Tom Bovitz, left, was an MMUA president and general manager of Hibbing Public Utilities. Here, Bovitz relaxed at an early 1990s MMUA meeting along with Dan Hestetune, who was general manager of the Virginia Department of Public Utilities.



2020 Meeting & Training Center calendar

Overhead/Underground Line Design Workshop

January 21-22
Comfort Inn, Plymouth

Meter School & Pre-Conference

February 11-14
MMUA Training Center, Marshall

Emergency Preparedness & Restoration Conference

February 19-20
River's Edge Convention Center, St. Cloud

APPA Legislative Rally

February 24-26
Washington, D.C.



Lineworker Rodeo Clinic

February 26-27
MMUA Training Center, Marshall

PCB Management & Record-keeping Workshop

March 17-18
MMUA Office, Plymouth

Substation School

March 24-26
Anoka

Legislative Conference

March 31 - April 1
Double Tree Hotel, St. Paul



Public Power Lineworkers Rodeo

April 18
Bonner Springs, Kansas

APPA E&O Technical Conference

April 19-22
Kansas City, Missouri

Generation School

April 21-23
Hutchinson

Underground School

May 12-15
MMUA Training Center, Marshall

Minnesota Public Power Walleye Fishing Tournament

May 30
Rush Lake, Otter Tail

APPA National Conference

June 5-10
Long Beach, California



Annual Summer Conference

August 24-26
Cragun's Resort, Brainerd

Minnesota Lineworkers Rodeo

September 15
MMUA Training Center, Marshall

Overhead School

September 15-18
MMUA Training Center, Marshall

Cross Training School

October 13-15
MMUA Training Center, Marshall

Tree Trimming Workshop

October 21-22
Brainerd

Technical & Operations Conference

December 8-10
Best Western Plus Kelly Inn, St. Cloud

Transformer School & Pre-Conference

December 15-18
MMUA Training Center, Marshall

MMUA Leadership Academy 2020

All at MMUA Office, Plymouth

March 4-5
May 27-28
September 23-24
December 2-3

FirstLine Supervision

Session 1
February 5-7, Brainerd
February 19-21, Plymouth
March 11-13, Plymouth

Session 2
October 7-9, Plymouth
October 21-23, Brainerd
November 18-20, Plymouth

Why did MMUA name scholarship after Tom Bovitz?

The MMUA scholarship is named after Tom Bovitz, former general manager of Hibbing Public Utilities. Awarding a scholarship to a high school senior was an idea that association members discussed for a number of years before Bovitz was elected to the MMUA Board in 1992.

He was MMUA president in 1994-95. The Board of Directors established the program on June 18, 1995. Details were developed by the Communications/Member Services Committee. The program was implemented and \$2,000 was included in the 1996 budget.

Bovitz was a firm believer in the value of an education.

He was born in 1944 in Chisholm. He was a 1962 graduate of Hibbing High School. He received his associate of science degree in engineering from Hibbing Junior College in 1964, his Bachelor of Science degree in electrical engineering from the University of Minnesota in 1966.

He was named Hibbing Public Utilities general manager in 1985, and then earned a Master of Arts in management from the College of St. Scholastica in 1995.

Bovitz was stricken with cancer and passed away Thursday, March 26, 1998. He was 53 years old.

To remember his contributions to the municipal utility industry, MMUA renamed the contest in honor of the Hibbing native.

Bovitz said the scholarship program was a good way for the association, and its members, to "give something back to the people in their cities," said MMUA's Steve Downer. "Re-naming the award in his honor will help us remember Tom, and his reasons for creating the scholarship award."

MMUA Leadership Academy graduates second class of municipal leaders

The MMUA Leadership Academy graduated its second group of leaders, Nov. 21 at the MMUA office in Plymouth.

The Leadership Academy is a high-level executive leadership development course, focused on meeting the needs of MMUA members. Curriculum was developed and tailored based on feedback from municipal utility leaders.

The Academy is designed to instill the key skills, awareness, and perspective needed by today's leaders.

Structure

The MMUA Leadership Academy has received high marks since its inception. The Academy journey addresses the key challenges that leaders must master in four intense, two-day sessions over the course of a year. The four-session curriculum minimizes time away from work.

Curriculum

The curriculum generally consists of various articles and materials provided electronically. Some sessions will have assigned reading prior to meeting—typically a book on leadership. Students will go through an assessment to help the instructor and the



Front row, left to right: Paula Houts, Melissa Lorenz, Janell Johnson, Rita Kelly, instructor Kent Myers, Chad Hanson. Back row, left to right: Valerie Larson-Holmes, Jared Hendricks, Michael Schulte, Christian Fenstermacher, Brad Carlson, Tom Sagstetter, Jake Long, Doug Enstad. Missing is Chris Kopel.

students understand their styles, strengths, and potential deficiencies in key competencies. Students will have tasks to work on between sessions and will be expected to do some journaling.

The primary instructor for the Academy is Kent Myers, Managing Partner of VISION Companies. Kent has over 25 years of experience providing strategic visioning, operational effectiveness, and technology alignment consulting services to global companies. He has a decade of experience in

working with Minnesota municipal utilities on leadership and culture development and strategic visioning.

In addition to his extensive consulting practice, Kent is guest lecturer at the Harvard Business School.

Some sessions will feature guest speakers who have been through their own journey of adversity and triumph and have expertise in that session's leadership topic.

See the Events > Schools section of the MMUA website for more information.



Kent Myers

Scholarships available

MMUA will offer three partial scholarships to applicants from member utilities serving 2,500 customers or less. Each scholarship will reduce the cost of the program by \$900. Scholarships will be awarded to eligible students on a first-come, first-served basis. A member utility will be eligible for a scholarship for only one student at a time. Students are expected to complete the full program.

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T&O:

continued from front page

the rest of their careers.

The afternoon program was divided into Manager and Crew Leader/Foreman tracks.

Manager Track

Meinecke kicked-off the Manager track with How Safe Are You, Honestly? OSHA recordables are often referenced as a gauge for performance. But does the lack of accidents really prove your crews follow all the safety rules? This meaningful program was an opportunity to participate in



Jay Gubrud revved up the audience with an opening general session talk titled 'Jumping In the Driver's Seat!'

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identifying factors that affect safety in the workplace, and addressed issues that could lead to a significant injury or fatality.

Jim Stromberg of the Minnesota Department of Public Safety discussed the benefits of the ARMER Radio System and how it can help improve communications during a mutual aid event. Communications are a crucial part of any emergency response effort, and this was in in-depth look at how ARMER plays a key role in seamless communications.

Crew Leader/Foreman Track

The attempt to curb distracted driving has moved to a prohibition of hands-on cell-phone use while driving and MMUA's Ryan Mihalak, a former State Patrol investigator, delved into the topic. Mihalak shared powerful video and his thoughts on how to comply with the law without compromising customer service.

Daryl Androli of Missouri River Energy Services discussed Infrared Inspection—Why It Should Be Part of Your Maintenance Program. This interesting program looked at infrared use, its benefits and technology considerations.

Carol Tigges of Border States Electric discussed the latest trends and improvements in LED lighting and the potential cost savings.

Ken Gunnufsen of Howard Transformers spoke on The Transformer Purchase. Howard helped attendees understand total operating cost, specifications, and how tariffs will affect the market.

The afternoon ended with a rapid-fire Vendor Product Showcase, followed by the ever-popular Reception and Trade Show.

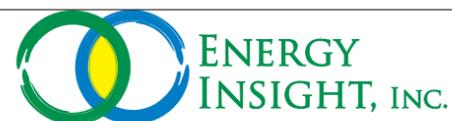
Friday started with a riveting look at Complacency—

One of Safety's Worst Enemies, presented by Bruce Stumpe, of the Association of Missouri Electric Co-ops. Becoming too comfortable leads to complacency, Stumpe said, which could derail your career and your life. Stumpe contacted 7200 volts in 2009. He presented along with his wife, Darla. They shared how it changed their lives and how it affected their family. This was a presentation many in

attendance wished they could share with their crews back home.

MMUA staff closed out the meeting by covering a variety of "hot topic" issues, including the Federal Motor Carrier Safety Administration's drug and alcohol testing 'Clearing-house' requirement.

The conference was held at the Best Western Plus Kelly Inn, St. Cloud.



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In a significant development, the Minnesota Department of Labor and Industry (DOLI) has recently endorsed MMUA's Apprentice Lineworker Training program. Among those involved in making that happen are, from left to right: Rick Martagon of DOLI, Cody Raveling, James Monroe and Mike Willetts of MMUA, and Jeremy Parker of DOLI.



MMUA has many helpful and loyal Associate Members. One of them has been Irby Utilities' Chris Karsten. He is pictured here (at left) with Jim Bakken of City of Preston/Preston Public Utilities. Karsten said he reads through this entire newsletter every month. He is retiring but asked to be kept on the mailing list. You got it, Chris. Thanks!



One popular feature of the T&O Conference is the Trade Show and Reception. Among those displaying their wares was Ziegler Power Systems. Pausing for a picture were, from left to right: Mike Chase of Ziegler, Dick Ellis of the Coalition for a Secure Energy Future, Mark Reuter of Ziegler and Rich Maxfield of MMUA.



The Trade Show is a fun and informative feature. Pictured here are, from left to right: Brent Baker of FS3, Greg Drent and Brad Carlson of Shakopee Public Utilities, and Dan Tehle of FS3.

Recent NLC graduates recognized at Conference

Recent municipal utility personnel graduating from Northwest Lineman College were recognized at the MMUA T&O Conference.

They include:

Dillon Sprague, Austin Utilities

Troy Green, Breckenridge Public Utilities

Madison Allen and Kyle Morris, Waseca Utilities

Jared Rolstad, Elk River Municipal Utilities

Scott Schneider, New Ulm Public Utilities

Justin Gifferson, Lake Crystal Public Utilities

Matt Cerkvenik, Mountain Iron Public Utilities

Joseph Furry and Dylan LaValley, Virginia Public Utilities

Dave Watkins, Mountain Lake Municipal Utilities.

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MMUA Lineworker Apprenticeship Program helps municipals train their own people

Municipal electric utilities, which are relatively small compared to others in the industry, face particular challenges in developing and maintaining a highly skilled workforce. This need for skilled employees is the primary reason MMUA developed the Apprentice Lineworker Training program.

The program is designed to bolster the ranks of municipal lineworkers with those most likely to make a long-term commitment to their local utility.

Municipal utilities have told MMUA that the lineworker they are most likely to keep is a promising person with local roots. If that person can be hired and trained locally, there is a good chance the utility—given good management and competitive wages—can keep that employee for many years.

“This program lets you select and train your own municipal electric lineworker,” said MMUA Director of Training and Safety Mike Willetts.

Students are given a cutting-edge academic program, primarily through the Northwest Line College, along with extensive hands-on training. The instruction involves classroom and outdoor hands-on activities.

Unique features of the MMUA program include:

- The MMUA course allows the municipal utility employee who wants to learn more about the lineman’s trade to receive professional training from experienced instructors, right at the utility site.

- Program timing is flexible and hands-on work will be done primarily at the utility site. This allows the utility to get a lot of work out of



Patrick Kalis of Randall, left, and Ryan Miller of Brainerd are both enrolled in the Apprentice Lineworker Training Program. This picture was taken at the recent MMUA Overhead School. The two also train together periodically as part of the program.

Oversight agency validates MMUA linework program

The MMUA standard has been validated by the Minnesota Department of Labor and Industry (DOLI). Working closely with DOLI should smooth state compliance reviews of a municipal utility’s apprenticeship program. This leads to a streamlined process, since the MMUA standard is consistent with standards throughout the industry. Apprentices enrolled in the MMUA program will ‘journey out’ with a nationally recognized credential, that will ensure mastery of essential base competencies.

its employee and allows the employee to concentrate on training for approximately two days per quarter.

The program includes annual ‘tuition free’ attendance, for each enrollee, to

the MMUA Overhead, Underground, Transformer and Meter Schools. These hours count toward a student’s training requirement.

- Some testing will also be done at the MMUA Training Center in Marshall, an 18-acre facility featuring overhead and underground electric systems and outdoor and indoor training areas.

- Apprentice linemen meet, work and talk under the tutelage of MMUA’s Apprenticeship Instructor James Monroe, a licensed journeyman lineworker with years of linework and teaching experience. Safety is of prime importance.

Real training, real work, real benefits

Much of the apprenticeship training program involves work on your utility system. In some cases, two or more municipal utilities have come together to train and work on one of the municipal systems.

The program has a price, a lineman noted, but hiring a contractor to do the work was also expensive, and the



James Monroe, MMUA’s apprenticeship instructor, climbed a pole to better oversee an apprentice enrolled in MMUA’s lineworker training program.

local lineworkers would miss the hands-on training experience. The training/work makes lineworkers more capable and more valuable to their communities. The work also leads to a sense of accomplishment and pride in their utility system.

“MMUA is working to keep costs down while providing a quality product,” said Willetts. “We put the program on at your utility, using your equipment, in your time slot,

serving your customers. It’s the best way to learn your system. It lets the apprentice who wants to learn more about the lineworker’s trade receive professional training from an experienced instructor right at the utility site.”

Lineworkers involved are uniformly appreciative of the experience. They like the training—which isn’t so much like training as working under the guidance of an experienced, lineworker.

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Firstline Supervision adds 15 graduates to ranks of trained municipal personnel

Fifteen individuals recently completed the Minnesota Municipal Utilities Association FirstLine Supervision/Leadership course through Central Lakes College (CLC). Over 350 municipal employees have completed the leadership series which is offered at CLC's Brainerd campus and MMUA headquarters in Plymouth.

The utility management program was developed in 1988 and has graduates in MMUA member cities all over Minnesota. The program is a cooperative effort between MMUA and the CLC Business and Industry Center. The 68-hour course is offered in four three-day sessions over two years. Participants work with and learn from each other, trained facilitators and instructors, the internationally

recognized AchieveForum leadership materials and specially created units with a utility focus.

Public works directors, finance and office managers, customer service personnel, utility superintendents, crew supervisors, parks directors, and other municipal employees from a variety of municipal departments have benefited from this highly interactive program that emphasizes core leadership skills, performance management, communication, and handling challenging situations.

In a testament to municipal support of the program, these graduates join many co-workers in their municipalities who are also graduates from this program.



Lawrence Scheel, Nick Hall, Randy Hausladen, Emerson Brady, Roger Noble, from left to right.



Matt Tupper, Brett Dickie, Aaron Hauser and Dave Little, from left to right.



Doug Gustafson, Aaron Anderson, Rodney Ruder, Debbie Hodgson, Tim Satrang, Scott Nyberg, from left to right.

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MMUA recently gained two new Associate Members. They are:

Associated Services (ATS) and **ATS-Specialized** offers a variety short term training programs in heavy/excavation equipment operation, mobile cranes, digger derricks, articulated boom cranes, tower cranes, construction related trucks, rigging, signaling, horizontal directional drilling (HDD), HDD locating, and commercial truck

Associate Member News



driving (CDL).

ATS offers both standardized programs as well as customer specific specialized training in all of the above areas. The focus of ATS is to maximize the learning of our customers to enhance their knowledge and skills, and to ensure their safety and compliance with indus-

try and governmental standards. ATS has a well-trained and highly dedicated team of instructors who can design, implement and deliver the highest quality instruction.

The company is located at 7190 Elder Lane, Sun Prairie, WI 53590. Toll Free number is 800.678.8149 and the fax: 608.825.6752. Main contact is John Klabacka, President.

For more see the website www.ats-specialized-training.com

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The company is located at 1901 Oakcrest Avenue, Suite 6, Roseville, MN 55113. Phone is 612.499.9166. Website: www.premierpower.us

Main contact is John O'Donoghue, Regional Account Manager, phone 612.201.3067.

MMUA endeavors to publish a list of its Associate Members at least once a year.

Municipal utilities, perhaps more than any other in the utility industry, rely on MMUA Associate Members for equipment, materials, engineering, and simple advice on efficient operation. Often these business relationships turn into friendships, over the years.

MMUA asks that its members consider the contributions of its Associate Members when making purchasing decisions.

More information on our business partners can be found on our website. Our current roster of Associate Members includes:

- ABM Equipment and Supply, LLC
- Action Battery Wholesalers, Inc.
- Advanced Engineering & Environmental Services (AE2S)
- Alexandria Lake Area Sanitary District

- Altec Industries, Inc.
- American Electric Power Energy Partners, Inc.
- American Engineering Testing, Inc.
- American Power & Communications Group
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- ATS-Specialized
- Avant Energy, Inc.
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Associates: see facing page

The faulty installation of a pressure regulator was blamed for a natural gas outage that affected 562 CenterPoint gas customers in Shakopee Nov. 11-12. A contractor was blamed for the mistake, which didn't show up until temperatures dropped to single digits. The outage lasted from Monday evening until Tuesday evening.

CenterPoint filed for a 6.4 percent rate increase Oct. 28 with Minnesota regulators. The company said the increased revenue would support further investments in safety and reliability.

Bits & Pieces



It appears 'community' solar projects authorized in 2020 will receive a 4 percent rate hike, under recent Minnesota Public Utilities Commission action.

Xcel Energy alerted regulators that the rate was set to double, with subscribers receiving credits of approximately 35 cents per kilowatt-hour (kwh), compared to 11 cents per kwh in 2019.

Industrial customers in northeast Minnesota are

questioning Minnesota Power's rate increase request. The rate request asks for an interim rate increase of 7.7 percent on all Minnesota Power customers effective January 2020. Minnesota Power's final rate request would increase residential rates by a total of 15 percent and businesses, including iron ore producers, by 10.3 percent.

Minnesota Power says the rate request is needed to reflect changes in customer demand, increased operating expenses and to recover costs associated with regulatory obligations since the company's last rate case filing in 2016. It added that it would also help the company deliver energy from increasingly cleaner sources.

Allete Clean Energy's first wind energy plant in North Dakota—the 43 turbine, 106-megawatt Glen Ullin

Energy Center—was expected to be online at the end of November.

The company is also partnering to study the recycling of wind turbine blades, which reportedly have a 15- to 20-year lifespan. Nearly 1,000 blades are expected to be buried in the Casper Regional Landfill in Wyoming this year, according to media reports.

The Metropolitan Council is reportedly studying using abandoned municipal landfills (there are 110 around the state) as solar energy plant sites.

Construction is reportedly underway on a wind-power facility in North Dakota that will supply up to 299 megawatts (MW) of electricity, 142 MW of that to Basin Electric Power Cooperative. The facility is expected to be operational by the end of 2020.

The City of Minneapolis is declaring a climate emergency, and said it would redouble its efforts to reduce the city's carbon footprint. The move by the council's environment committee came months after a report showed the city was not on track to meet its goal of reducing greenhouse gas emissions by 80 percent by 2050.

Council Member Cam Gordon reportedly said the move was the first step toward a "Minneapolis Green New Deal."

Council members said they plan to adopt a policy requiring development projects receiving city subsidies to be more energy-efficient. A detailed policy will be presented next year.

Federal Energy Regulatory Commission orders that established rules for

Bits: see page 15 please

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CenturyLink changes back to USIC locating service

CenturyLink provided the following information to the Minnesota Office of Pipeline Safety on Monday, Nov. 11:

CenturyLink changed underground facility locate vendors from USIC (US Infrastructure Company) to Unitek (under their DirectSat subsidiary) on April 1, 2019. We made this change to improve our performance, diversify vendors, and improve the competitive landscape of underground location companies. This transition was met with significant challenges.

We have continually pursued and implemented solutions to improve our locate performance. We listened to feedback regarding our new locate vendor and, as a result,

we are transitioning from DirectSat/Unitek back to USIC. The transition will be complete by Dec. 2, 2019.

CenturyLink recognizes the importance of effectively managing transitions like this to ensure prompt locate work and has chosen a historically slower locate season time to transition back to USIC. CenturyLink, USIC, and Unitek/DirectSat are all committed to cooperatively ensuring a smooth transition for all concerned stakeholders with minimum disruption to excavator activities and expectations. CenturyLink's locate point

of contacts are listed on your GSOC ticket for both marking concerns and/or damages. If local field assistance is required, these points of contact will engage the appropriate personnel from USIC and/or CenturyLink.

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Associates:

continued from facing page

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HELP WANTED

Electric Line Worker
The Wells Public Utilities of Wells, MN, population 2,195, is seeking applications for the position of electric line worker. This position involves a variety of skilled line work in the operations, maintenance and repair of overhead and underground distribution systems and the operations of a variety of specialized related equipment and vehicles. Documented completion of a Journeyman Line Worker or equivalent is preferred. Must possess a class B CDL or obtain one within six months. This is a full time position with excellent fringe benefits. Successful candidate will be required to be on a rotation on-call schedule and must be able to respond within 20 minutes. Salary will be dependent on qualifications and experience. Request an application and resume to the Wells Public Utilities, 101 1st St. SE, PO Box 96, Wells, MN 56097 (507) 553-3119. Position will remain open until filled. EOE

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Public Works Director
The City of Detroit Lakes (pop. 9290) is seeking a Public Works Director. Responsible for planning, directing and supervising the operation and maintenance of public works functions that include, Streets, Parks, Sports Arena, Animal Control and Sanitary Sewer and Storm Sewer Collection Systems. Supervision of nineteen full time employees and additional part time employees. The position reports to the City Administrator. Minimum qualifications include an Associate Degree in a related field and seven years' progressive municipal management experience with emphasis in street and park construction and maintenance, vehicle maintenance, sanitary sewer collection systems and storm sewer collection systems construction and operation, animal control, budgeting, and personnel management; or an equivalent combination of education and experience. Salary range is \$79,000 to \$105,000. Submit resume, cover letter and completed city application to: City of Detroit Lakes, c/o Kelcey Klemm, City Administrator, City Administration Building, 1025 Roosevelt Avenue, Detroit Lakes, MN 56502. Position closing 5:00 p.m. January 5, 2020. Appli-

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**Journeyman/
Apprentice Lineman**

The City of Grove City has an immediate opening for (1) full time lineman position in the Public Utilities and Maintenance Department. This position reports to the Superintendent of Public Works. Minimum qualifications include 1 year of accredited schooling/training and 1 year experience with electrical distribution systems, and class (B) commercial drivers license preferred. Please call Lacey at 320-857-2322 or email grovecity@embarqmail.com to request an application 101 1st St. SE, PO Box 96, Wells, MN 56097 (507) 553-3119. Position will remain open until filled. EOE

Manager of Maintenance and Construction - Water
Rochester Public Utilities (RPU). The Manager of Maintenance and Construction - Water is a mid-level supervisory position that is responsible for directing the safe and efficient construction, operation, and maintenance of the City's water utilities. Minimum qualifications include a Bachelor's degree in Engineering from an accredited four-year college or university AND five (5) years of progressively responsible full-time employment experience in water system planning, design, construction, operation and maintenance, with at least three (3) years of supervisory/management experience. An equivalent combination of a related technical degree and experience suffi-

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cient to successfully perform the essential duties of the job may also be considered at the discretion of the hiring manager. A Minnesota Class B Water Operations Certification is required at time of hire and a Minnesota Class A Water Operations Certification will be required within 24 months. A valid driver's license is also required. 2020 salary range of \$103,923 to \$152,830. Excellent benefits. Applications will be accepted until the vacancy is filled. Applications submitted by January 5, 2020, will be provided priority consideration. Email humanresources@rochestermn.gov or see the city website for more information.

Bits

continued from page 11

the participation of electric storage resources (ESRs) in the capacity, energy, and ancillary service markets operated by regional transmission organizations (RTOs) and independent system operators (ISOs) disregard the bright line between federal and state jurisdiction, the American Public Power Association, the Edison Electric Institute, the National Rural Electric Cooperative Association and American Municipal Power said.

In a recent court filing, the groups said that FERC Order

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1 www.bls.gov/oes/current/oes499051.htm | 2 www.bls.gov/oes/2017/may/oes499052.htm
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Upcoming Events

Meter School & Pre-Conference

February 11-14, MMUA Training Center, Marshall

Meter School offers participants valuable technical training and hands-on work with electric metering equipment. For an optimal educational experience, participants select their preferred class level—Basic/Intermediate or Advanced.

A Pre-Conference is held in conjunction with the School. Pre-Conference is a refresher course on basic metering, or introductory course for those with little metering experience. Sign-up for both!



Instructors include Larry Chapman & Mark Parson of Chapman Metering, and Scott Murfield.

NEW
in 2020

Emergency Preparedness & Restoration Conference

February 19-20

River's Edge Convention Center, St. Cloud

Severe weather or other natural disasters can hit any city/utility at any time. Customers understand when an unusual event disrupts service; they may not understand if disaster strikes and you don't have a plan on how to respond quickly and effectively. Hear from industry experts and collaborate with MMUA on improving mutual aid response.



Rodeo Clinic

Feb. 26-27, MMUA Training Center, Marshall

Teams and individuals who are planning on competing at an upcoming Rodeo are invited to attend MMUA's free Lineworker Rodeo Clinic.

This indoor clinic will cover the essentials.

At the clinic participants can expect to hear from individuals who have competed in previous rodeos, and will have an opportunity to run through a few of the events built indoors.

PCB Management & Recordkeeping Workshop

March 17-18, MMUA Office, Plymouth

Responsible for PCB management? Attend this workshop, led by Mark Pennell, president of RCS, a PCB management and liability assessment firm in Springfield, Missouri.

RCS specializes in PCB regulatory compliance and risk management, and provides diagnostic and educational services for more than 400 electric

utilities. Pennell has spent his entire 32-year career providing expertise within this unique discipline. He interacts directly with EPA officials in all 10 EPA regional offices as well as EPA Headquarters personnel in Washington, D.C.



Substation School

March 24-26, Anoka Municipal Utility

The school includes classroom instruction on a variety of topics, a behind-the-scenes tour of Anoka Municipal Utilities' substations, and Federal Cartridge.



Topics include:

- Substation Maintenance and Inspections
- Your Substation: Knowing What You Have
- Proper Switching Techniques
- The "Ins and Outs" of a Substation

This School can benefit anyone who works in a substation environment.

For more, see the 'Events' calendar at www.mmua.org or contact Theresa Neddermeyer at 763.551.1230 or tneddermeyer@mmua.org



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