

MINNESOTA MUNICIPAL UTILITIES ASSOCIATION

Regional Meeting: Minnesota's New DER Interconnection Process for Municipal Electric Utilities

Dates & Locations

March 20, 2019

Owatonna Public Utilities
208 South Walnut Avenue
Owatonna, MN

March 22, 2019

Grand Rapids Area Library
140 NE 2nd Street
Grand Rapids, MN

March 27, 2019

Detroit Lakes City Hall
Council Chambers
1025 Roosevelt Avenue
Detroit Lakes, MN

March 28, 2019

Marshall Municipal Utilities
113 South 4th Street
Marshall, MN

MINNESOTA MUNICIPAL UTILITIES ASSOCIATION

3025 Harbor Lane North, Suite 400
Plymouth, MN 55447

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By June 17, 2019, every municipal electric utility in Minnesota is required to adopt a new Interconnection Process for Distributed Energy Resources based on the process adopted on August 13, 2018, by the Minnesota Public Utilities Commission (MPUC).

MMUA, and the Minnesota Rural Electric Association spent several months working with Star Energy Services to develop a streamlined process for municipal and cooperative utilities based closely on the MPUC's. While easier to follow than the MPUC's version, the manuals, agreements and timelines laid out in the Minnesota Municipal Interconnection Process (M-MIP) require training for every municipal utility.

In March, MMUA will host the necessary training in four locations to be accessible to every municipal utility. It is very important for every municipal electric in Minnesota to have someone attend one of these training sessions in order to know how to bring the utility into compliance with state law.

Each attendee will receive extensive, professionally prepared materials including manuals and agreement forms for adoption by their utility. These will not be freely available to utilities that do not attend.

The training will also provide necessary updates to the Model Municipal DG Policy and Interconnection Rules and the Model Cogeneration and Small Power Production Tariff that were the focus of related training in 2016-17.

Interconnection Application

Persons interested in applying for the interconnection of a distributed energy resource to the Utility's distribution system through the Fast Track or Study Processes are to fill out this Interconnection Application. The Interconnection Application is to be filled out completely by the applicant or as noted in each section of the application. The Utility will contact the applicant within 10 business days once the Interconnection Application and the corresponding processing fee is submitted to the Utility. The Utility will then notify the applicant of the completeness of their application. If the application is deemed incomplete by the Utility, the Utility will provide the applicant with a list of missing material. The applicant will then have 10 business days to provide the Utility with this information or request an extension, otherwise the application will be deemed incomplete and the applicant will lose their place in the queue. Section that are noted with * are required to be filled out.

Checklist for Submission to Utility	
The items below shall be included with submittal of the Interconnection Application to the Utility. Failure to include all items will deem the Interconnection Application incomplete.	
Non-Refundable Processing Fee	Included
Fast Track <ul style="list-style-type: none"> \$100 + \$1/kW for Certified Systems \$100 + \$2/kW for Non-Certified Systems 	<input type="checkbox"/> Yes
Study Process <ul style="list-style-type: none"> \$1,000 + \$2/kW down payment. Additional study fees may apply. 	
One-line diagram <ul style="list-style-type: none"> This one-line diagram must be signed and stamped by a Professional Engineer licensed in Minnesota if the DER is uncertified greater than 20 kW AC or if certified system is over 250 kW. Details required on one-line diagram specified at the end of the interconnection application. 	<input type="checkbox"/> Yes
Schematic drawings for all protection and control circuits, relay current circuits, relay potential circuits, and alarm/monitoring circuits	<input type="checkbox"/> Yes
Inverter Specification Sheet(s) (if applicable)	<input type="checkbox"/> Yes
Documentation that describes and details the operation of protection and control schemes	<input type="checkbox"/> Yes
Documentation showing site control	<input type="checkbox"/> Yes
Possible Additional Documentation <ul style="list-style-type: none"> If the DER export capacity is limited, include information material explaining the limiting capabilities. If Energy Storage is included with the proposed DER system include the Energy Storage Application. 	

UTILITY NAME

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Regional Meeting—DER Interconnection Process

Speaker

Kristi Robinson, Senior Electrical Engineer with Star Energy Services, will lead the discussion. Kristi started her career in 2002 as a Distribution System Engineer at Steele-Waseca Cooperative Electric. In late 2015, Kristi made the change to Star Energy Services. Her primary areas of responsibility include system planning, renewable policy and regulation, metering, integration of utility technologies, cost of service studies and operation management of Southern Minnesota Energy Cooperative.



Kristi conducted similar training in January for all of the state's cooperatives. She also led Utility Rules, Rates and Contracts for Customer Solar and Wind for MMUA in 2016-2017. MMUA's Bill Black will accompany Kristi during each session, but she will lead them.

Who Should Attend?

This event focuses on utility policy and state regulatory compliance and is intended for management and/or upper level operations personnel of ALL Minnesota municipal electric utilities and appropriate municipal power agency personnel.

Registration Fee

Members: \$300.00 per person

Non-Members: \$350.00 per person

Attendees must be from a municipal electric utility or power agency.

Fee includes: Tuition, extensive materials for adoption by utility's governing body, refreshments and lunch. Please let us know if you have special dietary needs.

Refunds

A refund will be given on advance registrations if the MMUA office is notified by 4:30 pm on sign-up deadline noted by location below. A cancellation fee of \$30 will be charged. No refunds after the sign-up deadline.

Class Locations

The locations for this Regional Meeting are:

March 20, 2019

Owatonna Public Utilities
Morehouse Meeting Room
208 South Walnut Avenue
Owatonna, Minnesota
(Sign-up deadline March 6)

March 27, 2019

Detroit Lakes City Hall
Council Chambers
1025 Roosevelt Avenue
Detroit Lakes, Minnesota
(signup deadline March 13)

March 22, 2019

Grand Rapids Area Library
Meeting Room
140 NE 2nd Street
Grand Rapids, Minnesota
(Sign-up deadline March 8)

March 28, 2019

Marshall Municipal Utilities
Board Room
113 South 4th Street
Marshall, Minnesota
(signup deadline March 14)

**All sessions begin at 9:00 am and conclude at 2:00 pm.
Lunch will be provided.**

Questions

If you have any questions or problems with your registration, please contact Rita Kelly at MMUA for assistance. You can reach her by phone at 763.746.0707 or email rkelly@mmua.org.



Please check which date and Minnesota location you will attend:

___ **March 20 in Owatonna**
Owatonna Public Utilities
208 South Walnut Avenue
(Sign-up deadline March 6)

___ **March 27 in Detroit Lakes**
Detroit Lakes City Hall
1025 Roosevelt Avenue
(Sign-up deadline March 13)

___ **March 22 in Grand Rapids**
Grand Rapids Area Library
140 NE 2nd Street
(Sign-up deadline March 8)

___ **March 28 in Marshall**
Marshall Municipal Utilities
113 South 4th Street
(Sign-up deadline March 14)

All sessions begin at 9:00 am and conclude at 2:00 pm. Lunch will be provided.

Attendee Information

Name : _____

Title : _____

Email : _____

Name (2) : _____

Title : _____

Email : _____

Name (3) : _____

Title : _____

Email : _____

Utility/Co. : _____

Address : _____

Main Contact : _____

Email : _____

Phone : _____

Registration Fees

Members:

\$300 on or before sign-up deadline

Non-Members:

\$350 on or before sign-up deadline

Total Due: \$ _____

Payment

Check Payable to MMUA

Bill Utility/Company

Purchase order _____

Credit Card

Visa

MasterCard

Discover

Name as it Appears on Card

Cardholder's Signature

Credit Card Number

Expiration Date

Card Code on Back

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

QUESTIONS: Please contact Rita Kelly by email rkelly@mmua.org or phone 763.746.0707.

Register online: www.mmua.org/events/calendar/month/2019-03-01

Register by mail: Minnesota Municipal Utilities Association
3025 Harbor Lane North, Suite 400, Plymouth, MN 55447

Register by email: rkelly@mmua.org

Register by fax: 763.551.0459

Register by phone: 763.746.0707