

# One-Day Transformer School



## Key Training Topics

### **Types of transformers**

Instrument  
current  
potential  
Overhead  
Underground  
Double bushing  
Single bushing  
S.P and C.S.P.  
Oil-cooled  
Air-cooled  
Others

### **Transformer ratios**

Losses  
Polarity  
Impedence  
Calculating fault currents  
Paralleling transformers

### **Transformer characteristics**

Construction  
Tap changers  
What do the percentages mean?

### **Nameplate rating**

How to read and understand  
the name plate  
Testing for turns ratios

### **Connecting a transformer**

Proper and improper grounding  
tank  
neutral  
Full load current  
Back feeds

## **Dates and Location**

Monday, Jan. 18 – Fennimore Electric Utility

Tuesday, Jan. 19 – Waupun Utilities

Wednesday, Jan. 20 – Plymouth Utilities

Thursday, Jan. 21 – Florence Utilities

*Training will be conducted to conform with personal-hygiene and social-distancing guidelines associated with COVID-19, including a cap on the number of attendees.*

**Register online at [meuw.org](http://meuw.org)**

*Deadline: Jan. 14, 2021*

**MEUW Member Rate:** \$25 per person

*Cancelations are subject to MEUW Policy.*

*Morning refreshments and grab-and-go snacks will be provided.*

Training will take place from 8:30 a.m. to 2:30 p.m., with an extended lunch break so attendees can get food on their own.

### **Questions?**

Call the MEUW Office  
at (608) 837-2263



Municipal Electric Utilities of Wisconsin