

September 2020

Rock River Valley Section

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Event

Sense

The Institute of Electrical and Electronic Engineers, Inc.

IEEE RRV Section, IAS Chapter/YP/WIE/Life Members Meeting
SERVING IEEE MEMBERS OF NORTH CENTRAL ILLINOIS AND SOUTH CENTRAL WISCONSIN

WHEN Thursday, Sept 24, 2020

WHERE <https://ieeemeetings.webex.com/ieeemeetings/j.php?MTID=m635915174df6e580b7930560662a8fb0>

Meeting number (access code): 130 116 8497
Meeting password: cnWcqpnm443

AGENDA

7:00 PM Dial in
7:15 PM Introductions
7:30 PM Presentation



Leakers... What a Mess!

Cost Effective Methods for Repairing Electric Substation Power Transformer and Circuit Breaker Oil Leaks

Steve Wickman, P.E, independent consultant

This presentation will showcase a non-invasive repair technique that can be performed on oil filled transformers and circuit breakers whereby oil leaks can be repaired with apparatus still alive and in service carrying load. Repairs can be made without draining oil and disassembly of the transformer or CB, reducing the repair time to hours vs. the days required for major re-gasketing. This method can also apply to SF6 gas leaks too.

STEVE WICKMAN, P.E., received his BSEE from Iowa State University and MBA from Keller Graduate School of Management [DeVry University]. Steve is a Registered Professional Engineer in the State of Illinois and is a Life Senior Member of IEEE. His 40+ year engineering career has spanned work experiences in substation equipment testing and commissioning, design engineering, substation construction and operations management, as well as project management, work scheduling and work controls areas. Steve spent 37-years as a Power Engineer with Commonwealth Edison in the greater Chicago, IL area. Now, Steve is working as an independent consultant in the electric utility industry, and focusing on providing his technical expertise to the Transmission & Distribution Services company.

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