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The Power Chapter Presents a WEBINAR:

Interaction Between Interconnected Grounding Systems in Solar & Wind Renewable Generation Projects

by

Gerry Callison, Electrical Engineer, Substation Studies & Design
Rich Keil, Electrical Engineer, Substation & Transmission Engineering Commonwealth Associates, Inc.

WEBINAR Date: **Wednesday, June 11, 2025 at 12:00 pm EDT**

For this webinar copy the link below into your browser to register:

https://events.vtools.ieee.org/m/486723

The interaction between interconnected grounding systems in solar and wind generation projects can create challenges, leading to inefficiencies and safety hazards.
In this webinar, you will learn:

- The fundamentals of ground grids and their role in renewable energy systems
- How to identify and mitigate touch and step potentials to enhance safety
- The impact of ground potential rise and split factors on system performance
- Design considerations for grounding systems in solar projects.

Don't miss this opportunity to gain valuable insights and practical knowledge that will help you navigate the challenges of grounding in renewable energy projects. Register now to secure your spot and take the first step towards optimizing your renewable energy systems.

WEBINAR PRESENTERS:

Gerry Callison is a seasoned Electrical Engineer specializing in Substation Studies & Design at Commonwealth Associates, Inc. With a BSEE from the University of Wisconsin-Milwaukee and an MSEE from the University of Tennessee, Gerry is a registered Professional Engineer in Michigan. He brings over 15 years of expertise in substation design and system studies. A member of the IEEE Power & Energy Society and the IEEE Substations Committee, Gerry contributes to working groups focused on auxiliary systems and substation grounding.

Rich Keil is a veteran Electrical Engineer specializing in Substation and Transmission Engineering at Commonwealth Associates, Inc. He has over 34 years of Utility industry experience in substation design, project and construction management, outage scheduling, equipment failure analysis, and emergency response. Rich has been an IEEE PES Substations Committee member since 1976, contributing to standards and guides for substation safety, lightning protection, bus design, grounding connectors, and ground testing. He chaired the IEEE working group responsible for IEEE Std 80-2000 and IEEE Std 80-2013, the IEEE Guide for Safety in AC Substation Grounding, since 1986. Rich also chaired the IEEE Substations Committee Transmission and Distribution Substations Design Subcommittee from 2009 to 2015.

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