

2026
JUNE 9-12

USERS GROUP CONFERENCE

Tuesday
06/9

Wednesday
06/10

Thursday
06/11

Friday
06/12

8:30

Breakfast 7:30 - 8:30

Opening of Conference & Introduction of Attendees - Meeting Instructions

Nur Umar - SR3 Engineering

Treasurer Report

Ryan Floyd - PacifiCorp and Bryce Presko - Burns & McDonnell

Approval of Minutes, etc.

Host Company Presentation
Dominion Energy

Analysis and Design of Grounding Systems in High-Resistivity Soils for Large Electrical Installations

Camilo Marconetto - Estudios Electricos UGC

Localized Touch Voltages at Fault Injection Points in a Large 230/115 kV Utility Substation

Jeff Nunn - MCW/AGE Power Consultants

Step Voltage Mitigation using Skirt Grounding

Jerson Alex - MCW/AGE Power Consultants UGC

AC Interference on Pipelines and Railroads from 765 kV Powerlines

Boshra Momen Nejad - Burns & McDonnell

EMI in Crossing Lines: CDEGS Against Conventional EMT Approaches

Stelios Papadakis - Hellenic Cables UGC

Recent Developments in SESConverter3D: An Interactive 3D CAD Conversion Tool for CDEGS

Alexandre Juneau Fecteau

Electromagnetic Field Compliance Study for New Overhead Line Design

Kieran Millar - Arcadis UGC

Electromagnetic Interference Effects on Drones Using High-Directivity Antennas

Maxime Daigle - SES

Full-Wave Electromagnetic Modeling and Analysis of a 3D Realistic Power Transformer using MultiFields Ultimate Edition

Parisa Dehkhoda - SES UGC

Break 10:00 - 10:30

Grounding Project Lifecycle: Measure. Design. Verify. Mitigate.

Yash Patel - MCW/AGE Power Consultants UGC

Modeling vs. Measuring: Current Splits Distribution with Transmission and Distribution Substations

Brandon Dobrowski - safeearth

Implications of Grounding & Bonding Practices between Utility Owned Substations and Large Load Customers

Tony Arnold - Burns & McDonnell

Impressed Voltage Earthing Arrangement for Steel Pipe Contained Underground Cable

Will Penrice - Arcadis UGC

An Alternative Approach to Substation Grounding Design without Traditional Return Paths

Thomas E. Propts and Genesis Corporan - Dominion Energy

Modeling Three-Phase Networks Under Normal and Fault Conditions Using Power Transformers to Represent Thevenin Equivalent Three-Phase Sources

Adrian Ngoly - SES UGC

Improvements to Right-of-Way

Luis Valcárcel - SES

Introducing Non-Conductive Enclosures and Plastic "Conductors" in CDEGS and AC Interference Effects on Pipelines Installed in Non-Conductive Enclosures

Amir Akbari - SES UGC

A Case Study in AC Corrosion Risk Modeling and Field Validation on a Newly Constructed Pipeline Paralleling a 345 kV Transmission Line

Nafiz Imtiaz - Commonrow Consulting UGC

Thermal and Sag Databases in SESLibrary

Maxime Daigle - SES

Practical Considerations for Wideband Modeling of Two-Winding Power Transformers

Mohammad Shafieipour - SES

Development of Equivalent Wideband Models of Three-Winding Power Transformers

Mohammad Shafieipour - SES

Runtime Performance Enhancements for Plates and Finite Volumes in HIFREQ

Mohsen Nazari - SES UGC

Workshop/Wishlist

12:00

Lunch 12:00 - 13:30

13:30

Improvements in SES Software

Christian Voyer - SES

Automatic Removal of the Influence of Buried Metallic Structures from Resistivity Measurements

Fariba Jafari - SES UGC

Analyzing Large HIFREQ Networks with Devices

Alexandre Juneau Fecteau - SES

Enhancements to Thermal MALZ - Conductor Coating and Finite Volumes

Philippe Pouliot - SES UGC

Case Study: Calibration of Coating Area Resistance Assumptions in AC Interference Modeling

Bradley O'Hagan - Lake Superior Consulting

Constitution Modifications Officer Elections Next Conference Host & Venue

Nur Umar - SR3 Engineering

Advances in SESShield-2D - IEC 62305 Update and NFPA 780 Risk Assessment

Christian Voyer - SES

SESTransient Improvements

Stéphane Franiatte - SES

Break 15:00 - 15:30

Nested Volumes in CDEGS

Mojtaba Dehmollaian - SES UGC

Initial Results on the Two-Layers Inclined Soil Model in HIFREQ

Hadi Behnamian - SES UGC

Improvements to SESGallery and SESPlotViewer

Luis Valcárcel - SES

Introducing SESReportBuilder

Frédéric Grégoire - SES

DC Decouplers – Applications, Performance Characteristics and AC Mitigation Design Ideas

Phil Eggen - Dairyland Electrical Industries, Inc.

Workshop/Wishlist, various topics, e.g. Right-of-Way Pro

Morning Sessions

EDT: 8:30 - 12:00
PDT: 5:30 - 9:00

Afternoon Sessions

EDT: 13:30 - 16:30
PDT: 10:30 - 13:30

Virtual Presenter UGC

MORNING SESSIONS

AFTERNOON SESSIONS

16:30

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End of Sessions 16:30

Welcome Cocktail
16:30 - 18:00

Welcome Dinner
18:30