

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

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

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

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

Electromagnetic Field Compliance Study for New Overhead Line Design
Kieran Millar - Arcadis

Damaging and Jamming Aerial Drones Using High-Directivity Antenna
Maxime Daigle - SES

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

MORNING SESSIONS

Break 10:00 - 10:30

Grounding Project Lifecycle: Measure. Design. Verify. Mitigate.
Yash Patel - MCW/AGE Power Consultants

Modeling vs. Measuring: Current Splits Distribution with Transmission and Distribution Substations
Brandon Dobrowski - safearth

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

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

Improvements to Right-of-Way Pro
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

Progress in Developing SESConverter3D: An Interactive 3D CAD Conversion Tool for CDEGS
Alexandre Juneau Fecteau

Thermal and Sag Databases in SESLibrary
Maxime Daigle - SES

Practical Considerations for Wideband Modeling of Two-Winding Power Transformers
Mohammad Shafieipour - SES

Wideband Modeling of Three-Winding Power Transformers
Mohammad Shafieipour - SES

Runtime Performance Enhancements for Plates and Finite Volumes in HIFREQ
Mohsen Nazari - SES

Workshop/Wishlist

12:00

Lunch 12:00 - 13:30

Improvements in SES Software
Christian Voyer - SES

Automatic Removal of the Influence of Buried Metallic Structures from Resistivity Measurements
Fariba Jafari - SES

Analyzing a Large Network in HIFREQ using Devices
Alexandre Juneau Fecteau - SES

Enhancements to Thermal MALZ
Philippe Pouliot - SES

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 the Risk Assessment Module of SESShield-2D: IEC 62305-2:2024 update, and the New NFPA 780 Detailed and Simplified Risk Assessment
Christian Voyer - SES

Improvements in SESTransient
Stéphane Franiatte - SES

AFTERNOON SESSIONS

Break 15:00 - 15:30

Nested Volumes in CDEGS
Mojtaba Dehmollaian - SES

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

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 

16:30

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End of Sessions 16:30

Welcome Cocktail
16:30 - 18:00

Welcome Dinner
18:30