

THE IMPACT OF DISTRIBUTED ENERGY RESOURCES ON THE POWER SYSTEM AND ELECTRICITY MARKETS

February 24 – 25, 2021
Online | Central Time



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Power Resource Manager,
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POST-COURSE WORKSHOP

**DERs in Wholesale
Electricity Markets**

February 25, 2021 | Online

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The growth of distributed generation (DG) and distributed energy resources (DERs) is challenging many of the assumptions upon which traditional utility system planning relies. In many regions already, DER penetration is reaching levels at which it has a measurable impact on system planning and operations.

DER adoption is driven by three major developments:

1. Advances in technologies that accommodate multi-directional, rather than uni-directional, power flows
2. Fundamental shifts in generation, distribution and transmission grid profiles
3. Changing, “more democratic” concepts about the relationship between utility service models and customer pricing

This program is a primer. It is intended to collect — in one forum — the content necessary for utilities, load-serving entities (LSEs), grid operators, project developers and others to develop their own approach for evaluating the impact of DG and DER development on their system(s).

 EUCI is authorized by IACET to offer 1.0 CEUs for the course



LEARNING OUTCOMES

- Evaluate the different types and classes of DERs and their special requirements
- Identify the operational differences between renewable and conventional energy DERs
- Review regulatory matters that determine how DERs are governed on a jurisdictional basis
- Examine long-term planning assessment and analysis that properly incorporates DERs
- Discuss challenges that DERs present to existing utility compacts/business models and what options are available to address these issues
- Assess system data access and transparency requirements to facilitate DERs
- Evaluate operational tools required for real-time DER modeling and forecasting

INSTRUCTOR

Daniel Haughton, *Manager – Distribution Engineering and DER Interconnections, Arizona Public Service (APS)*
Aram Shumavon, *CEO, Kevala, Inc.*

PLEASE SELECT

- THE IMPACT OF DISTRIBUTED ENERGY RESOURCES ON THE POWER SYSTEM AND ELECTRICITY MARKETS AND POST-COURSE WORKSHOP DERS IN WHOLESALE ELECTRICITY MARKETS:** FEBRUARY 24-25, 2021: US \$1,695 (Single Connection)
- FUNDAMENTALS OF SCADA SYSTEMS FOR THE OIL & GAS INDUSTRY ONLINE COURSE ONLY**
FEBRUARY 24-25, 2021: US \$1,295 (Single Connection)
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- PACK OF 20 CONNECTIONS:** US \$15,540 (40% Discount)
- POST-COURSE WORKSHOP ONLY: DERS IN WHOLESALE ELECTRICITY MARKETS**
FEBRUARY 25, 2021: US \$495 (Single Connection)

Recording: Each event is recorded, and will be available for three business days. For registrants only.

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Englewood NJ 07631
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EUCI will use Microsoft Teams to facilitate participation in the upcoming event. Attendees do not need to have an existing Teams account to participate in the broadcast. The course will play in attendee's browser. When attendees sign on, their microphones are typically muted. Attendees should keep their mic muted until such time as it's needed to ask a question. During the event, participants will have the option of using a microphone to speak with the room and ask questions, or type in any questions via the chat window and our online administrator will relay your question to the instructor.

How did you hear about this event? (direct e-mail, colleague, speaker(s), etc.)

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Your registration may be transferred to a member of your organization up to 24 hours in advance of the event. Cancellations must be received on or before January 22, 2021 in order to be refunded and will be subject to a US \$195.00 processing fee per registrant. No refunds will be made after this date. Cancellations received after this date will create a credit of the tuition (less processing fee) good toward any other EUCI event. This credit will be good for six months from the cancellation date. In the event of non-attendance, all registration fees will be forfeited. In case of course cancellation, EUCI's liability is limited to refund of the event registration fee only. For more information regarding administrative policies, such as complaints and refunds, please contact our offices. EUCI reserves the right to alter this program without prior notice.