

Evolution of Demand Response to Distributed Energy Resources: Fundamentals and Path Forward

October 28-29, Online

(adjacent to 42nd PLMA Conference)

This two-day live online course explains how today's demand response initiatives are evolving to interact with an emerging future with distributed energy resources for peak load management and much more. The course content expands on a white paper at www.peakload.org/DefiningEvolutionDR.

Learning objectives include:

- Articulate a common, descriptive language for describing the evolution of demand response as seen through the eyes of industry leaders
- Explain the current state of the fundamental market principles and technology enabling demand response initiatives today
- Compare and contrast how demand response programs perform relative to energy efficiency, thermal/battery storage, and renewable energy initiatives
- Introduce examples of portfolio design strategies and implementation tactics to address the challenges of a fading boundary between bulk power exchange and retail electricity usage
- Detail free and low-cost resources to learn more about topics and initiatives discussed

Course Agenda

October 28	Day 1 - 12:30-4:30 Eastern - Fundamentals and Technology
12:30 - 12:40 PM	Welcoming Remarks and Introductions <i>Christine Riker, Energy Solutions</i>
12:40 - 1:20PM	Demand Response Fundamentals <i>Christine Riker, Energy Solutions</i>
1:20 - 1:30 PM	<i>Short Break</i>
1:30 - 2:20 PM	DR Technology Overview <i>Joseph Childs, Eaton</i>
2:20 - 2:30 PM	<i>Short Break</i>
2:30 - 3:20 PM	Wholesale Power Markets Design <i>John Powers, Extensible Energy</i>
3:20-3:30 PM	<i>Short Break</i>
3:30 - 4:20 PM	How Demand Response Fits in Wholesale Markets <i>Rich Philip, PLMA</i>
4:20-4:30 PM	Wrap-up and Discussion
4:30 PM	<i>Adjourn Day 1</i>

October 29	Day 2 - 12:30-4:30 Eastern - Strategies and Tactics
12:30 - 1:30 PM	Portfolio Development <i>Debyani Ghosh, Navigant</i>
1:30 - 1:40 PM	<i>Short Break</i>
1:40 - 2:40 PM	Program Design and Implementation <i>Jenny Roehm, Schneider Electric</i>
2:40 - 2:50 PM	<i>Short Break</i>
2:50 - 3:50 PM	Evaluation, Measurement & Verification <i>Olivia Patterson, Opinion Dynamics</i>
3:50 - 4:00 PM	<i>Short Break</i>
4:00 - 4:30 PM	Closing Remarks and Where to Learn More <i>Christine Riker, Energy Solutions</i>
4:30 PM	<i>Adjourn Day 2</i>

Connection: Join the training at: <https://attendee.gotowebinar.com/register/1204961800063315468>.

- You will need to enter your name and email address. Please use the email address you registered with for tracking purposes.
- Alternate connection: If the link above doesn't work for some reason, you may go to www.gotomeeting.com/webinar/join-webinar and use code 224-697-075 to join the training.

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- VOIP: For best audio quality use a headset and mic or headphones and computer mic to avoid feedback.
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- Dial: +1 (562) 247-8422, Audio code: 508-488-488#
- One-touch: +1 (562) 247-8422,,508-488-488#.

Download: Presentation and supplemental materials are behind your PLMA login at www.peakload.org/evolution-alumni.

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