INTELLIGENT DISTRIBUTION SYSTEMS OF THE FUTURE

Conference Overview

Today’s fast-paced evolution of many new technologies presents utilities with potential opportunities for continuous improvement of their distribution system operation, with the end-goal of establishing almost fully automated distribution networks. The CEATI Conference on “Intelligent Distribution Systems of the Future” is designed to provide updates on new technologies, allow information exchange and promote sharing of relevant experiences. Conference presentations will facilitate utilities’ effort in advanced distribution system development by focusing on some of the key areas of interest identified by utilities.

Themes

- Grid Modernization - Vision of the Future
- Smart Grid Vision – Regulatory Considerations
- Intelligent Grid Apparatus and Sensors
- Distributed Energy Resources
- Interoperability of Devices and Systems
- Intelligent Grid Applications
- Communications Infrastructure and Cybersecurity

Who Will Attend?

- Utility Representatives
- Engineering Professionals
- Consultants
- Equipment Vendors & Manufacturers
- Research Facilities & Laboratories
- Universities

For more information please visit: www.ceati.com/DIST2016

April 26 -27, 2016 • Atlanta GA, USA
April 26th  Day 1 - EVENT PROGRAM

7:00 - 8:00 Breakfast - Exhibition Hall

8:00 - 8:15 Welcome & Introduction
8:15 - 9:00 Keynote Speaker - Future Distribution System Vision

SESSION 1: Grid Modernization - Vision of the Future

9:00 - 9:30 SDG&E’s Smart Grid Vision and Insight on Implementation
9:30 - 10:00 Oakville Hydro’s Vision for the Distribution System of the Future
10:00 - 10:30 Morning Networking Break - Exhibition Hall
10:30 - 11:00 PSE&G’s Grid Modernization Vision with a Focus on Grid Hardening
11:00 - 11:45 Disruptive Technologies That May Influence the Grid of 2040
11:45 - 12:30 Panel Session
12:30 - 1:30 Networking Lunch - Exhibition Hall

SESSION 2: Grid Modernization - Regulatory Considerations

1:30 - 2:00 Con Edison’s Response Plan to New York State’s Reforming Energy Vision (REV) Initiative
2:00 - 2:30 California’s Distribution Resource Planning (DRP) Initiative & How SCE Plans to Meet Requirements
2:30 - 3:00 Regulatory Experience With Smart Grid Investments
3:00 - 3:30 Afternoon Networking Break - Exhibition Hall
3:30 - 4:00 Panel Session

SESSION 3: Distributed Energy Resources

4:00 - 4:30 Maximum DG Penetration for Micro-Generation Passive Anti-Islanding
4:30 - 5:00 Integration Operational Impacts of DER and how a DMS/SCADA System can be Designed to Successfully Operate DER and Microgrid Resources
5:00 - 5:15 Question Period
6:00 - 7:30 Networking Reception - Exhibition Hall

Agenda is subject to change without notice

Backup Presentations

Fault Location, Isolation and Service Restoration - Optimizing Field Operations for Utilities

Tel: 1.514.866.5377  Fax: 1.514.904.5038  events@ceati.com  www.ceati.com
April 27th Day 2 - EVENT PROGRAM

7:00 - 8:00 Breakfast - Exhibition Hall

SESSION 4: Intelligent Grid Apparatus and Sensors

8:00 - 8:30 Investigation of Smart Inverters
Dr. Rajiv Varma, SMG Power

8:30 - 9:00 Grid Energy Routers (GERs) for DER Integration
Chad Eckhardt, Grid Bridge Inc.
Lewis Shaw, Brunswick Electric Membership Corporation

9:00 - 9:30 Using Smart Grid Sensors and Advanced Software Applications as an Asset Management Tool
Gary MacLeod, Current Power Services Ltd.
Mark Wojdan, Hydro Ottawa

9:30 - 10:00 Morning Networking Break - Exhibition Hall

SESSION 5: Interoperability of Devices and Systems

10:00 - 10:30 The Power of Interoperability – Coalition of the Willing
Jason Handley, Duke Energy

10:30 - 11:00 Distributed Applications using a Field Message Bus
Robby Simpson, General Electric

11:00 - 11:30 The Benefits of Collaborative Initiative Participation
Wade Malcolm, Omnetric Group

11:30 - 12:00 Panel Session

12:00 - 1:00 Networking Lunch - Exhibition Hall

SESSION 6: Intelligent Grid Applications

1:00 - 1:30 Advancements in Distribution System Faults Locating
Cristiana Dimitriu, Con Edison

1:30 - 2:00 Downtown Vancouver Automated Open Loop with DCB for Improved Operations, Sustainment
Aaron Ellis, BC Hydro

2:00 - 2:30 Distribution Analytics: How AMI Data Can Increase Benefit
Glenn Pritchard, PECO Energy (Exelon)

2:30 - 3:00 Southern Company’s Strategy and Implementation of Distribution Automation and DMS
Larry Clark, Alabama Power Company

3:00 - 3:30 Afternoon Networking Break - Exhibition Hall

SESSION 7: Communications Infrastructure and Cybersecurity

3:30 - 4:00 Smart Utility Networks: Wi-SUN
Eugene Crozier, Powertech Labs

4:00 - 4:30 Hydro Ottawa’s Telecommunications System Transformation
Matthew McGrath, Hydro Ottawa Limited

4:30 - 5:00 DSO and the Evolution of the Agile/Fractal Grid
Craig Miller, NRECA

5:00 - 5:15 Concluding Remarks

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# 2016 DISTRIBUTION CONFERENCE
## INTELLIGENT SYSTEMS OF THE FUTURE
### April 26 - 27, 2016 • Atlanta GA, USA

**Register Online** [www.ceati.com/register/DIST2016](http://www.ceati.com/register/DIST2016)

## Your Information

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## Registration Options

Register before December 31, 2015 and get $50 off!

- [ ] Standard Pass $945 USD
- [ ] Participants/Speakers $675 USD
- [ ] Students $475 USD

## Important Information

- Registration fees include proceedings package, breakfast, breaks, lunches and reception where indicated on the schedule.
- Please check if you wish to be contacted about allergies or other dietary requirements.
- Prices are in USD. Charges will appear as ‘CEATI International Inc’ and are subject to applicable taxes and fees.
- All cancellations received at least 30 days prior to event will be subject to a $200 processing fee. There will be no refunds granted after this date.
- Delegate substitution is permitted at no extra cost. By attending, you acknowledge that there may be photographs or videos taken of you during this event, and you consent to the use of these photographs or videos in future CEATI communications.
- Please note that all names completing this form will be added to CEATI’s mailing list. If you do not wish to be included in this electronic outreach, please click the “unsubscribe” button in the email to remove yourself.

## Please send your completed registration forms to events@ceati.com or by fax to (514) 904-5038

## Conference Location

**Hyatt Regency Atlanta**
265 Peachtree St NE, Atlanta, GA 30303
[ ] (+1-404-577-1234)

All conference guests are eligible for a discounted rate of $165 (USD) subject to availability. Simply mention “CEATI International” when reserving.