

# INTELLIGENT DISTRIBUTION SYSTEMS OF THE FUTURE

April 26 -27, 2016 • Atlanta GA, USA

## 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](http://www.ceati.com/DIST2016)



# April 26<sup>th</sup> Day 1 - EVENT PROGRAM

## 7:00 - 8:00 Breakfast - Exhibition Hall

8:00 - 8:15	<b>Welcome &amp; Introduction</b>	<i>Robyn Pascal, CEATI International Inc.</i>
8:15 - 9:00	<b>Keynote Speaker - Future Distribution System Vision</b>	<i>Van Holsomback, Southern Company</i>

## SESSION 1: Grid Modernization - Vision of the Future

9:00 - 9:30	<b>SDG&amp;E's Smart Grid Vision and Insight on Implementation</b>	<i>Marvin Zavala-Iraheta, San Diego Gas &amp; Electric</i>
9:30 - 10:00	<b>Oakville Hydro's Vision for the Distribution System of the Future</b>	<i>Jeff Mocha, Oakville Hydro</i>
<b>10:00 - 10:30 Morning Networking Break - Exhibition Hall</b>		
10:30 - 11:00	<b>PSE&amp;G's Grid Modernization Vision with a Focus on Grid Hardening</b>	<i>Richard Wernsing, Public Service Electric &amp; Gas Company</i>
11:00 - 11:45	<b>Disruptive Technologies That May Influence the Grid of 2040</b>	<i>Doug Houseman, EnerNex</i>
11:45 - 12:30	<b>Panel Session</b>	

## 12:30 - 1:30 Networking Lunch - Exhibition Hall

## SESSION 2: Grid Modernization - Regulatory Considerations

1:30 - 2:00	<b>Con Edison's Response Plan to New York State's Reforming Energy Vision (REV) Initiative</b>	<i>Margarett Jolly, Con Edison</i>
2:00 - 2:30	<b>California's Distribution Resource Planning (DRP) Initiative &amp; How SCE Plans to Meet Requirements</b>	<i>Erik Takayesu, Southern California Edison</i>
2:30 - 3:00	<b>Regulatory Experience With Smart Grid Investments</b>	<i>Bojan Grabovac, Toronto Hydro</i>
<b>3:00 - 3:30 Afternoon Networking Break - Exhibition Hall</b>		
3:30 - 4:00	<b>Panel Session</b>	

## SESSION 3: Distributed Energy Resources

4:00 - 4:30	<b>Maximum DG Penetration for Micro-Generation Passive Anti-Islanding</b>	<i>Mehdi Vafaei, Kinectrics</i>
4:30 - 5:00	<b>Integration Operational Impacts of DER and how a DMS/ SCADA System can be Designed to Successfully Operate DER and Microgrid Resources</b>	<i>Terry Nielsen, Gridbright</i>
5:00 - 5:15	<b>Question Period</b>	

## 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**

*Vidya Vankayala &  
Richard Guo,  
Powertech Labs*



# April 27<sup>th</sup> Day 2- EVENT PROGRAM

**7:00 - 8:00 Breakfast - Exhibition Hall**

## SESSION 4: Intelligent Grid Apparatus and Sensors

8:00 - 8:30	<b>Investigation of Smart Inverters</b>	<i>Dr. Rajiv Varma, SMG Power</i>
8:30 - 9:00	<b>Grid Energy Routers (GERs) for DER Integration</b>	<i>Chad Eckhardt, Grid Bridge Inc. Lewis Shaw, Brunswick Electric Membership Corporation</i>
9:00 - 9:30	<b>Using Smart Grid Sensors and Advanced Software Applications as an Asset Management Tool</b>	<i>Gary MacLeod, Current Power Services Ltd. Mark Wojdan, Hydro Ottawa</i>

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

## SESSION 5: Interoperability of Devices and Systems

10:00 - 10:30	<b>The Power of Interoperability – Coalition of the Willing</b>	<i>Jason Handley, Duke Energy</i>
10:30 - 11:00	<b>Distributed Applications using a Field Message Bus</b>	<i>Robby Simpson, General Electric</i>
11:00 - 11:30	<b>The Benefits of Collaborative Initiative Participation</b>	<i>Wade Malcolm, Omnetric Group</i>
11:30 - 12:00	<b>Panel Session</b>	

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

## SESSION 6: Intelligent Grid Applications

1:00 - 1:30	<b>Advancements in Distribution System Faults Locating</b>	<i>Cristiana Dimitriu, Con Edison</i>
1:30 - 2:00	<b>Downtown Vancouver Automated Open Loop with DCB for Improved Operations, Sustainment</b>	<i>Aaron Ellis, BC Hydro</i>
2:00 - 2:30	<b>Distribution Analytics: How AMI Data Can Increase Benefit</b>	<i>Glenn Pritchard, PECO Energy (Exelon)</i>
2:30 - 3:00	<b>Southern Company's Strategy and Implementation of Distribution Automation and DMS</b>	<i>Larry Clark, Alabama Power Company</i>

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

## SESSION 7: Communications Infrastructure and Cybersecurity

3:30 - 4:00	<b>Smart Utility Networks: Wi-SUN</b>	<i>Eugene Crozier, Powertech Labs</i>
4:00 - 4:30	<b>Hydro Ottawa's Telecommunications System Transformation</b>	<i>Matthew McGrath, Hydro Ottawa Limited</i>
4:30 - 5:00	<b>DSO and the Evolution of the Agile/Fractal Grid</b>	<i>Craig Miller, NRECA</i>
5:00 - 5:15	<b>Concluding Remarks</b>	<i>Agenda is subject to change without notice</i>



Join us!

# 2016 DISTRIBUTION CONFERENCE INTELLIGENT SYSTEMS OF THE FUTURE

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



## Your Information

Name

Title

Organization

Street Address

City, Province/State

Country

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E-mail

Phone

Fax

## Registration Options

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

- |                          |                              |                  |
|--------------------------|------------------------------|------------------|
| <input type="checkbox"/> | <b>Standard Pass</b>         | <b>\$945 USD</b> |
| <input type="checkbox"/> | <b>Participants/Speakers</b> | <b>\$675 USD</b> |
| <input type="checkbox"/> | <b>Students</b>              | <b>\$475 USD</b> |

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See our opportunities for exhibitors at:

[www.ceati.com/DIST2016/exhibit](http://www.ceati.com/DIST2016/exhibit)

## Payment Options

- Visa   Mastercard 

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## 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](mailto: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.