6:30 AM – 5:30 PM
Conference Registration

7:00 AM – 8:00 AM
Continental Breakfast in the Exhibit Hall

8:00 AM – 10:00 AM
Opening Plenary Session – Electrification: A Big Idea

Moderator:
Mike Howard, President and CEO, Electric Power Research Institute

Speakers:
Steve Mitnick, Editor-in-Chief, Public Utilities Fortnightly

Paula Gold-Williams, President and CEO, CPS Energy

Terry Bassham, President and CEO, Evergy, Inc.

Gil C. Quiniones, President and CEO, New York Power Authority (NYPA)

Kit Kennedy, Senior Director, Climate and Clean Energy Program, Natural Resources Defense Council

10:00 AM – 10:30 AM
Morning Break in the Exhibit Hall

10:30 AM – 12:00 PM
Breakout Sessions

Track A: Electric Transportation

Session A1: Setting the Stage – Understanding the Potential for Electrification of Transportation

Moderator:
Mark Duvall, EPRI

Speakers:
Bud Clark, American Electric Power

Justin Kase, Ambrell Corporation

Kiran Thirumaran, Oak Ridge National Laboratory

Kevin Joessel, Heroeus Noblelight America LLC

Session A2: Pushing the Limits on Electric Transportation

Moderator:
Dan Bowermaster, EPRI

Speakers:
Jeff Haase, Great River Energy

Paul Steffes, Steffes Corporation

John Miles, Sonden International (USA)

Karen Meyers, Rheem

James Braun, Purdue University

12:00 PM – 1:30 PM
Lunch in the Exhibit Hall

1:30 PM – 3:00 PM
Breakout Sessions

Track B: Industrial Electrification – Technologies and Implementation

Session B1: Industrial Process Heating

Moderator:
Bud Clark, American Electric Power

Speakers:
Justin Kase, Ambrell Corporation

Kiran Thirumaran, Oak Ridge National Laboratory

Kevin Joessel, Heroeus Noblelight America LLC

Session B2: Advancing Foodservice with Electricity

Moderator:
David Packard, ChargePoint

Speakers:
David Burdick, Southern California Edison

Dennis Pereira, Budweiser

Ralph Ruggiero, The Bally Group

1:30 PM – 3:00 PM
Breakout Sessions

Track C: Residential and Commercial Electric Technologies

Session C1: Advanced Heat Pump Technology for Homes and Businesses

Moderator:
Chris Gray, Georgia Power

Speakers:
Jason LeRoy, Ingersoll Rand

Hiroshi Yoh, Daikin

James Braun, Purdue University

Session C2: The Future of Water Heating

Moderator:
Jeff Haase, Great River Energy

Speakers:
Paul Steffes, Steffes Corporation

John Miles, Sonden International (USA)

Karen Meyers, Rheem

Session C3: Advanced Water Heating

Moderator:
Trieu Mai, National Renewable Energy Laboratory

Speakers:
David Packard, ChargePoint

Ralph Ruggiero, The Bally Group

Julie Blunden, EVgo

3:00 PM – 3:30 PM
Afternoon Break in the Exhibit Hall

3:30 PM – 5:00 PM
Afternoon Plenary Session – Technology and Electrification

Moderator:
Ira Ehrenpreis, Founder & Managing Partner, DBL Partners

Speakers:
Arshad Mansoor, Senior Vice President of Research and Development, Electric Power Research Institute

Vincent Halina, President and Chief Executive Officer, KION North America

Mike Ableson, Vice President of Global Strategy, General Motors Company

Mike Whittatch, Vice President of Global Energy and Procurement, UPS

5:00 PM – 6:45 PM
Afternoon Plenary Session – Technology and Electrification

Moderator:
Jim Williams, Pathways, University of San Francisco

Speakers:
Trieu Mai, National Renewable Energy Laboratory

David Packard, ChargePoint

Ralph Ruggiero, The Bally Group

6:30 PM – 7:30 PM
Start-up Pitch Panel and Reception

*Sessions run concurrently

Last Updated: 8/17/18
Track A: Electric Transportation
Session A3: Vehicle Autonomy and Mobility Services
Moderator: Watson Collins, EPRI
Speakers: Robert Merlotti, Frost & Sullivan
Alan Dowdell, ChargePoint
Arc Ohana, Envoy There

Track B: Industrial Electrification – Technologies and Implementation
Session B3: The Promise and Potential of Indoor Agriculture
Moderator: Bruce Bugbee, Utah State University
Speakers: Hans Roeber, FirstEnergy Corp.
Guy Blanchard, AeroFarms
Matt Vail, Local Roots Farms
Don Wingate, Schneider Electric

Track C: Residential and Commercial Electrification Technologies
Session C3: Advanced Energy Communities – Understanding Integrated, Connected and Electrified Developments
Moderator: David Hochschild, California Energy Commission
Speakers: Brandon De Young, De Young Properties
Pradeep Vitta, Southern Company
Steve Griffith, NEMA
Rachel Kuykendall, Sonoma Clean Power
Peter Turnbull, Pacific Gas & Electric Co.

Track D: Understanding the Costs and Benefits of Electrification
Session D3: Air Quality Impacts of Electrification
Moderator: Naresh Kumar, EPRI
Speakers: Sang-Mi Lee, South Coast Air Quality Management District
Eladio Knipping, EPRI
Nicholas Muller, Carnegie Mellon University
Michael Mac Kinnon, UC, Irvine

Track E: Grid Modernization for an Electrified Economy
Session E1: Transmission and Distribution Planning for Economy-wide Electrification
Moderator: Daniel Brooks, EPRI
Speakers: Jett Smith, EPRI
Colton Ching, Hawaiian Electric
Larry Nickell, Southwest Power Pool
Kevin Kushman, Integral Analytics

Track F: The Policy and Regulatory Landscape for Electrification
Session F3: Promoting Flexibility in an Increasingly Electrified System
Moderator: Deana Dennis, EPRI
Speakers: Scott Baker, PJM
Susan Mara-Schneider, Ewel
Nick Wagner, Iowa Utilities Board
Kelly Speakes-Backman, Energy Storage Association
Chris King, Siemens

Track G: Breakthrough Technologies
Session G3: Advanced Data Analytics and Electrification
Moderator: Jamie Dunckley, EPRI
Speakers: John Hallwell, EPRI
Invited
ELECTRIFICATION 2018 • AGENDA • THURSDAY, AUGUST 23

7:00 AM – 8:00 AM  Continental Breakfast
8:00 AM – 10:00 AM  Breakout Sessions*

Track A: Electric Transportation
Session A6: Understanding EV Drivers – Data Analytics
Moderator: David Owen, CenterPoint Energy
Speakers: Jamie Duncley, EPRI
Kathy Knoop, Salt River Project
Matt Stevens, FleetCarma
Norman Hajjar, Recarga, Inc.

Track B: Industrial Electrification – Technologies and Implementation
Session B6: Electrification of Multi-Modal Terminals
Moderator: Francisco Donez, U.S. Environmental Protection Agency
Speakers: Morgan Caswell, Port of Long Beach
Rob Lamb, Charlotte America
David Kiefer, Carrier Transicold
Don Wingate, Schneider Electric

Track C: Residential and Commercial Electric Technologies
Session C6: Understanding Residential and Commercial Customers
Moderator: Erin Erben, EPRI
Speakers: Matt Bingham, Veneta Consulting
Bridget Meckley, Smart Energy Consumer Collaborative
Jennifer Weeks, BEworks
Chien-fei Chen, University of Tennessee, Knoxville

Track D: Understanding the Costs and Benefits of Electrification
Session D6: The Water-Energy Nexus
Moderator: David Rivers, Southern California Edison
Speakers: Henry Day, Arizona Public Service
Jeffrey Preece, EPRI
Peter Fiske, National Alliance for Water Innovation
David Zoldoske, Center for Irrigation Technology, CSU, Fresno
Delon Kwan, Los Angeles Department of Water and Power

Track E: The Policy and Regulatory Landscape for Electrification
Session E4: Evaluating Electric End-Uses in the Context of an Evolving Energy System
Moderator: Travis Kavulla, Montana Public Service Commission
Speakers: Chris McGill, American Gas Association
Tom Wilson, EPRI
Rosin Quinn, National Grid
Keith Dennis, NRECA
Norman Saan, Michigan Public Service Commission

Track F: Breakthrough Technologies
Session F6: The Role of Hydrogen
Moderator: Thomas Bradley, Colorado State University
Speakers: Thierry Lepcerz, ENGIE
Jack Brouwer, National Fuel Cell Research Center
Fritz Kalhammer, Kalhammer Electrochemical & Energy Technology
Chris Gearhart, National Renewable Energy Laboratory
Justin Ward, Toyota

10:30 AM – 12:00 PM  Breakout Sessions*

Session B7: Water Treatment Technologies
Moderator: Ray Erhard, Washington University
Speakers: Oliver Lawal, AquiSense Technologies
Jason Snyder, Tennessee Valley Authority
Jordan Warren, Murfreesboro Electric Department
Date Friesen, Single Phase Power Solutions

Session C7: Community and Campus Electrification – Universities, Bases, and Planned Developments
Moderator: Nick Tumilowicz, EPRI
Speakers: Joe Stagner, Stanford University
Sean Armstrong, Redwood Energy
Jerine Ahmed, Southern California Edison

Session D7: Electrification Cost-Benefit Case Studies
Moderator: Omar Siddiqui, EPRI
Speakers: Sherri Billimoria, Rocky Mountain Institute
Ahmad Fauquie, Battelle Group
Steven Wills, Ameren

Session F5: Electrification: The Key to Unlocking Smart Communities?
Moderator: Becky Knox, Edison Electric Institute
Speakers: Kristin Munsch, Illinois Citizens Utility Board
Julie Sloat, AEP Ohio
Jenna Taturn, Innovation Network for Communities
David Graham, City of San Diego

Session G7: Big Breakthroughs: New Materials, Chemicals, and Industrial Processes
Moderator: Shaun Mann, Tri-State G&TSpeakers:
Gerardine Botte, Ohio University
Nick Rancis, Fraunhofer CSE
Darryl Pollica, Ivy Energy Solutions
Parker Wells, Element 16 Technologies

*Sessions run concurrently