



8:00AM – 4:00PM

BOURNS TECHNOLOGY CENTER
1200 COLUMBIA AVENUE
RIVERSIDE, CA 92507

HOSTED BY:

UCR | College of Engineering-Center for
Environmental Research & Technology

UCR | Center for Sustainable
Suburban Development

SCRISE
Southern California Research Initiative for Solar Energy

This fourth annual conference is designed for city leaders, planners, council members, businesses, utility companies, and the general public. Panelists will present on the state of solar energy by discussing the latest technology, public policy/regulations, economics, and the associated environmental/sustainability benefits of renewable energy. Attendees will learn about the challenges and opportunities for incorporating solar energy plus batteries and deploying microgrid systems in their communities, including revenue opportunities, local policies, and initiatives already in place.





AGENDA

March 1, 2018, 8:00 AM – 4:00 PM

8:00 – 8:30 **Breakfast and Registration**

8:30 – 8:35 **Introductory Remarks**

Master of Ceremony: Ron Durbin, Executive Director, University of California Advanced Solar Technologies Institute, UC Merced

Welcoming Remarks by: Prof. Ronald Loveridge, Director, Center for Sustainable Suburban Development, UC Riverside

8:35 – 9:15 **Changes in California's Energy System**

Morning Keynote Presentation by: Karen Douglas, Commissioner, California Energy Commission

9:15 – 10:15 **1st Panel Discussion - The State of Solar Energy**

The panelists will discuss the state of the solar energy industry from a variety of perspectives, focusing on the opportunities for solar energy, and how to effectively address the challenges facing this industry as it continues to rapidly grow and achieve higher levels of penetration in the energy generation market. The role that policy, economics, and technology have played in the success of solar energy will also be discussed.

Moderated by: V. John White, Executive Director, Center for Energy Efficiency and Renewable Technologies

Panelists:

- ◆ James Cook, Director, Business Development, First Solar
- ◆ Noemi Gallardo, Senior Manager, Public Policy, Sunrun
- ◆ Russell Garwacki, Director, Pricing, Design, & Research, Southern California Edison
- ◆ Bambi Tran, Regional Director, GRID Alternatives



10:15 – 10:30 Morning Break (Sponsor's booths)

10:30 – 11:30 2nd Panel Discussion – Energy Research at the University of California

The panelists will discuss existing energy research at the University of California. Each campus will present their current work and efforts toward supporting the increase in penetration of distributed energy resources, as well as meeting the goal by the University of California to become carbon neutral by 2025. This discussion will be approached from the perspective of applied research that has the potential to translate into practical applications.

Moderated by: Mark Byron, Executive Director, Renewable Energy Programs, University of California Office of the President

Panelists:

- ◆ Prof. Jack Brouwer, Associate Director, Advanced Power and Energy Program, UC Irvine
- ◆ Dr. Hamidreza Nazaripouya, Research Assistant Professor, Winston Chung Global Energy Center, UC Riverside
- ◆ Prof. Hamed Mohsenian-Rad, Associate Director, Winston Chung Global Energy Center, UC Riverside

11:30 – 12:00 The Evolution and Future of Clean Energy in the Inland Empire

Presentation by: Jeff Van Dam, Owner and Operator, Triple Line Solar and That Solar Guy

12:00 – 1:15 Poster Session


12:10 – 1:00 Lunch

1:00 – 1:40 Solar Photovoltaic (PV) Projects and Demand Management at UC Riverside

Afternoon Presentation by: Dr. Sadrul Ula, Research Faculty and Interim Director, Infrastructure and Energy Management, UC Riverside

1:40 – 2:40 3rd Panel – Solar + Energy Storage Advanced Technologies

The panelists will discuss a variety of breakthrough technologies that support and improve the economics of solar energy projects by adding value in the form of



improved performance and lowered costs. These include technologies that combine solar with energy storage solutions to enable cost and performance analysis, properly size energy storage based on load profiles, participate in demand response, and achieve 24/7 system optimization.

Moderated by: Timothy Sasseen, Principal Advisor, Distributed Generation, Center for Sustainable Energy

Panelists:

- ◆ Tosh Dutt, Senior Manager, Sales, EnerNOC
- ◆ Michael Hamilton, Sales Engineer, Flexibility Services, EnerNOC
- ◆ Brendan Harney, Director, Business Development, Stem
- ◆ Ram Ravikumar, Engineer & Scientist, Electric Power Research Institute

2:40 – 2:50 **Afternoon Break**

2:50 – 3:50 **4th Panel – The Power of Microgrid Systems**

The panelists will discuss the value proposition of micro-grid systems in providing services and benefits not only to the system owners, but also to power utilities enabling reliability, robustness, and stability of the grid. Case studies that showcase the ability to dispatch and control in real-time renewable generation, energy storage, and load demand will be highlighted on this panel.

Moderated by: Lisa Cohn, Editor, Microgrid Knowledge

Panelists:

- ◆ Erik Bakke, Project Development Executive, EnSync Energy Systems
- ◆ Chris Linn, Project Manager, Smarter Grid Solutions
- ◆ Matt Gregori, Technology Development Manager, Southern California Gas Company

3:50 – 4:00 **Closing Remarks**

4:00 – 4:30 **CE-CERT Tour (Optional)**

NOTES:

The conference hosts would like to thank the following organizations for their generous contributions of resources and time:

