



# Twelfth Annual Symposium on Energy in the 21st Century

# The Electric Grid

CYBERSECURITY • INTEGRATION OF RENEWABLE ENERGY  
• MICRO GRIDS • WORKFORCE DEVELOPMENT

**Friday, April 8, 2016**

7:15am - 7:50am

Registration, Networking & Continental Breakfast

**PROGRAM 8:00am - 10:15am**



**RHEA JEZER, Ph.D**  
Symposium Director

*Opening Remarks*



**MATT DRISCOLL**  
New York State Commissioner,  
Department of Transportation

*Greetings*



**ERFAN IBRAHIM, Ph.D**  
Center Director Cybersecurity  
Systems NREL, Department of Energy

*Cybersecurity, Reliability, & Resilience  
in Integration of Renewable Distributed  
Energy Resources (DER) to the Grid*



**HERMAN WIEGMAN, Ph.D**  
Principal Engineer, GE Microgrid  
Project

*Viability and Value of Micro Grids; Gaps  
in Technology, Policy and Standards to  
Support Micro Grid Functions*



**DENNIS ELSENBECK**  
Western Regional Director  
Energy Solutions, National Grid

*Utility of the Future:  
Integrated Resource Planning  
with Market Engagement*



**MIKE LANGFORD**  
National President, Utilities Workers  
of America

*New Jobs Created by Renewable  
Energy Grid Integration*



**AARON MAIR**  
National President, Sierra Club

*Has the Paris Agreement on Climate  
Signaled the Turning Point Toward  
Renewables?*

**10:30am - 12:00pm**



**KIT KENNEDY**  
(Moderator) Director Energy &  
Transportation Program, NRDC

*Panel Discussion with Speakers*

**LUNCH 12:00pm - 12:45pm**  
Hot Buffet Lunch and Networking

**12:45pm - 2:00pm**  
**KEYNOTE**  
**TBD**

**2:00pm**

**Board Buses for Optional Tours:** Fenner Wind Farm & Educational Center; ESF Woodchips to Ethanol Process; Networking; Weatherization Training; National Grid Training Facility; Budweiser Plant Sustainability\*\*NEW S.U. School of Engineering Grid Workshop

**www.energy21symposium.org**

**Date:** Friday, April 8, 2016

**Location:** The Links at Erie Village  
East Syracuse, New York

**Fees:** \$75  
(\$60 Early  
Registration Fee)  
*includes breakfast  
and lunch buffet*

\$50  
(\$40 Student Early  
Registration Fee)  
*includes breakfast  
and lunch buffet*

\$25 tour following  
Symposium

**Register:** [energy21symposium.org](http://energy21symposium.org)

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