



**Thirteenth Annual**

**Symposium on Energy in the 21st Century**

**HOW CAN WE REACH OUR ENERGY GOALS?**

**New York State 50% by 2030**

**United States 30% by 2025**

**April 21, 2017**

“The Links” E. Syracuse, New York

*7:15am – 7:50am*

Registration, Networking & Continental Breakfast

*8:00am – 10:15am*

*Opening Remarks; Greetings and updates*

**RHEA JEZER, Symposium Director**  
Symposium on Energy in the 21<sup>st</sup> Century

**JANET JOSEPH, Vice President**  
Technology & Strategic Planning  
NYSERDA

*How will New York State reach the goal of 50/30?*

**ALFRED GRIFFIN, President**  
NY Green Bank

*What criteria is used to choose energy projects to support and finance? What is the Green Bank and what is its role?*

**ANNE REYNOLDS, Executive Director**  
ACE New York

*50% and Beyond: What will it take New York to get there?  
How will offshore wind fit in?*

**JOHN SHINN, Director District 4**  
United Steel Workers

*The importance and plans for of a well trained, well paid labor force to achieve our goals.*

**THOMAS DINAPOLI, Comptroller**  
New York State

*How the office of the Comptroller can initiate energy efficiency while saving tax payers dollars.*

**DAVID MOONEY, NREL Center Director**  
Strategic Energy Analysis Center  
National Renewable Energy Laboratory  
Golden, Colorado. US Department of Energy

*Renewable energy market trends and Impacts on Jobs and the economy*

*10:30am - 12:00pm Panel Discussion with Morning Speakers Moderated by:*

**KIT KENNEDY, NRDC**

**Director Energy & Transportation Program**

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

*12:45pm - 1:00pm Cybersecurity Briefing:*

**Dr. ERFAN IBRAHIM, NREL**

Director Cyber Physical Systems Security and Resilience

*1:00pm-1:50 KEYNOTE*

**Dr. DAVID MOONEY**

*Planning for the Future: High Wind and Solar Penetrations in the Electricity Grid*

*2:00pm Board Buses for Optional Tours:*

**Fenner Wind Farm & Educational Center**  
**ESF Woodchips to Ethanol Process;**  
**Onondaga County Composting Facility**

**Onondaga Lake Cleanup & Wetland Restoration;**  
**Budweiser Plant Sustainability**  
**S.U. School of Engineering Grid Workshop**