



**Thirteenth Annual
Symposium on Energy in the 21st Century
HOW WE CAN REACH OUR RENEWABLE 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

RHEA JEZER, Symposium Director
Symposium on Energy in the 21st Century

Opening Remarks; Greetings and updates

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 taxpayers 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-1:50pm

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; Onondaga Lake Cleanup & Wetland Restoration; ESF Woodchips to Ethanol Process; Budweiser Plant Sustainability; Onondaga County Composting Facility; S.U. School of Engineering Grid Workshop