PAST PROGRAMS 2005-2022
Eighteenth Annual
Symposium on Energy in the 21st Century
April 8, 2022
What will renewable energy look like in 2032

7:30am-8:00am
BREAKFAST – NETWORKING
Sponsored by RAV Properties

8:00am-10:15am
PRE-SYMPOSIUM VIDEOS

RHEA JEZER, Ph.D
President, Energy21, Symposium Director
OPENING REMARKS

JOANIE MAHONEY, President, SUNY ESF
TOM DINAPOLI , NYS Comptroller (video)
DOREEN HARRIS, President/CEO (video)
GREETINGS & UPDATES

BARRY CARR
Director Business Development
eMobility and Electrical Infrastructure ABM
TRANSPORTATION FOR THE FUTURE

WALT MUSIAL
Principal Engineer
Offshore Wind  NREL
OFFSHORE WIND FOR THE FUTURE

DEL VITALE
Director District 4 USW
JOB MARKET IN CLEAN ENERGY 2032

DAVID LOVE LADY
Director of Distributed Operations
National Grid
RENEWABLE ENERGY IN THE GRID 2032

10:30am – 12:00pm
MODERATED PANEL DISCUSSION
with all morning speakers

RORY CHRISTIAN
Chair/CEO
NY Public Service Commission
ROLE OF PUBLIC UTILITIES

12:00pm– 12:45pm
LUNCH
SPONSORED BY NATIONAL GRID
12:45pm – 2:00pm
GREETINGS

BEN WALSH
Mayor, City of Syracuse
SENATOR CHARLES SCHUMER (video)
PRESENTATION OF AWARD to NREL

RHEA JEZER , Director
ACCEPTANCE OF AWARD

DAVID MOONEY, Ph.D  NREL TEN YEAR STRATEGY AND VISION
Executive Director, Institutional Planning,
Integration and Development  NREL
ADDRESS

DAN REICHER, Ph.D TECHNOLOGY, POLICY AND FINANCE
Senior Research Scholar, Stanford Woods Institute for Environment
Distinguished Associate at Energy Futures Initiative

2:00pm
OPTIONAL TOURS
17th Annual Symposium on Energy in the 21st Century
April 16, 2021
Zero Emission Transportation
State, National & Global Initiatives
7:30am-8:00am
Pre-Symposium Presentation
8:00am – 10:30am

RHEA JEZER, Ph.D
President, Energy21, Symposium Director

BASIL SEGGS
Commissioner, DEC

WILLIAM MAGNARELLI
Chair, Assembly Transportation Committee

DANIEL SPERLING, Ph.D.
Professor, University of California (Davis)
Director, National Center for Sustainable Transportation

MATTEO MURATORI, Ph.D
Lead Alternative fuel vehicles and related infrastructure. NREL
Strategic advisor, USDOE

JOSHUA SPERLING, Ph.D
Urban Energy-X Nexus
NREL

TARA KAPILA
Vice President National Grid

ADAM RUDER
Assistant Director, Clean Transportation
NYSERDA

JARED SNYDER
Deputy Commissioner, Air Resources, Climate Change and Energy DEC

JULIE TIGHE
President, New York League of Conservation Voters

KIT KENNEDY, Moderator
Senior Director, Climate & Clean Energy Program NRDC

PAUL TONKO
Congressman, 20th Congressional District
Chair, Energy and Commerce Subcommittee on Environment and Climate Change

10:30am – 12:00pm
Moderated Panel Discussion

12:00pm
Federal Initiatives Update
Sixteenth Annual
Symposium on Energy in the 21st Century
Presented Virtually
October 26, 2020

Creating a Net Zero Carbon Economy
8:00am – 8:30am

Pre-Symposium Program
8:30am – 10:30am

Presentations by Speakers

RHEA JEZER, Ph.D Symposium Director
President, Energy21 LTD

Introduction: a Global Warming Perspective

DOREEN HARRIS, Acting President/CEO
NYSERDA

New York’s Nation-Leading Climate Leadership & Community Protection Act (CLCPA)

KELLY SPEAKES-BACKMAN, CEO
U.S. Energy Storage Association

Energy Storage: Enabling a Clean Energy Future

GIL QUINIONES, President/CEO
New York Power Authority

Grid Modernization to Increase Flexibility

CHRISS KELLEY, COO
National Grid

Integration of Renewable into the NY Grids

JORDAN MACKNICK, Leader
Energy-Water-Land Analyst
National Renewable Energy Laboratory

Co-Location of Agriculture & Solar; Solar on water

Special Guest

SENATOR CHARLES SCHUMER

Federal plans to support renewable energy initiatives and job creation.

10:30 - 12:00pm

Panel discussion with speakers

KIT KENNEDY, Moderator
Senior Director, Climate & Clean Energy Program NRDC

12:00pm – 12:30pm

Link options for virtual tours, links to sponsors and networking online.

SAVE THE DATE

Seventeenth Annual
Symposium on Energy in the 21st Century

April 16, 2021
Introductions: Now is the time and we are the energy

Framework for electrification

Plug in vehicles for the greener grid; grid integration

Plans by PSC to meet Green New Deal goals

Our grid will be prepared to integrate renewable energy

Legislation that is needed to attain the goal. What can we do to push the envelope

Energy storage: Potential impacts on grid flexibility and electrification

Panel discussion with speakers

Buffet Lunch and Networking

Luncheon Speakers

What "Energy" to expect from DC in the next year

Around the World in 20 minutes: Snapshots of Energy Innovation from Other Countries
Fourteenth Annual
Symposium on Energy in the 21st Century
April 20, 2018
The Links East Syracuse, New York

Resiliency with Cleaner, More Affordable Renewable Energy

7:15am - 7:55am
Registration, Breakfast and Networking

8:00am - 10:15pm
Introductions:
RHEA JEZER, President & Director
Energy 21, Symposium

JOSE ZAYAS, Vice President
Strategic Partnerships & Initiatives
Cube Hydro Partners

JOE MARTENS, Director
New York Offshore Wind Alliance
ACE NY

DAVID FELDMAN, Senior Financial Analyst
NREL

ROSS GOULD, Energy Sector Manager
Workforce Development Institute

ARUN VEDHATHIRI, Director
New Energy Solutions
National Grid

8:00am - 10:15pm

Hydropower's Potential in the 21st Century
JOSE ZAYAS, Vice President
Strategic Partnerships & Initiatives
Cube Hydro Partners

Offshore Wind in New York State - Progress and Potential
JOE MARTENS, Director
New York Offshore Wind Alliance

Expectations for the future of solar: financial policy
and market developments in the solar industry
DAVID FELDMAN, Senior Financial Analyst
NREL

Electrification of the Energy Sector: Are the jobs Resilient as Well
ROSS GOULD, Energy Sector Manager
Workforce Development Institute

Future of Safety and reliability of the Grid with integration of Renewable Energy Sources
ARUN VEDHATHIRI, Director
New Energy Solutions
National Grid

10:15am - 10:30pm
Short Break

10:30am - 12:00pm
Panel discussion with morning speakers
Moderator
KIT KENNEDY, NRDC
Director Energy & Transportation Program

12:00pm - 12:50pm
Lunch and Networking

1:00pm - 1:50pm
Keynote
ALICIA BARTON
President & CEO NYSERDA
Advancing New York's Clean Energy Agenda

2:00pm
Board buses for optional tours
Onondaga Lake Cleanup & Wetland Restoration; Fenner Wind Farm & Education Center; Budweiser Plant Sustainability; S.U. School of Engineering Grid Workshop; NEW Tour of Onondaga County Resource Recovery Facility; NEW Museum of Science Renewable Energy Exhibit
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 21st Century

JANET JOSEPH, Vice President
Technology & Strategic Planning
NYSERDA

ALFRED GRIFFIN, President
NY Green Bank

ANNE REYNOLDS, Executive Director
ACE New York

JOHN SHINN, Director District 4
United Steel Workers

THOMAS DINAPOLI, Comptroller
New York State

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

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
Twelfth Annual
Symposium on Energy in the 21st Century
THE ELECTRIC GRID
*CYBERSECURITY *INTEGRATION OF RENEWABLE ENERGY
*MICRO GRIDS *WORKFORCE DEVELOPMENT
April 8, 2016
“The Links” E. Syracuse, New York
7:15am – 7:50am
Registration, Networking & Continental Breakfast
8:00am – 10:15am

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:00am</td>
<td>RHEA JEZER, Symposium Director</td>
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<td>Symposium on Energy in the 21st Century</td>
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<td>8:00am</td>
<td>Opening Remarks</td>
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<td>8:00am</td>
<td>RICHARD KAUFFMAN, Chairman of Energy &amp; Finance for NYS Office</td>
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<td>of Governor Cuomo</td>
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<td>8:00am</td>
<td>Renewable Energy in New York State: Overview</td>
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<td>8:00am</td>
<td>MATT DRISCOLL, Commissioner NYS Department of Transportation</td>
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<td>8:00am</td>
<td>Fitting Transportation into the Mix</td>
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<td>DENNIS ELSENBECK, Western Regional Director Energy</td>
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<td>National Grid Western Division</td>
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<td>8:00am</td>
<td>Integrated Resource Planning with Market Engagement</td>
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<td>8:00am</td>
<td>ERFAN IBRAHIM, NREL Center Director, Cyber-Physical Systems Security</td>
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<td>8:00am</td>
<td>Cybersecurity, Reliability, &amp; Resilience in Integration of Renewable</td>
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<td>Energy Resources (DER) to the Grid</td>
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<td>8:00am</td>
<td>HERMAN WIEGMAN, Principal Engineer</td>
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<td>Viability and Value of Micro Grids; Gaps in Technology, Policy and</td>
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<td>Standards to Support Micro Grid Functions</td>
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<td>8:00am</td>
<td>MIKE LANGFORD, President, Utilities Workers of America</td>
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<td>8:00am</td>
<td>New Jobs Created by Renewable Energy Grid Integration</td>
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<td>8:00am</td>
<td>AARON MAIR, Sierra Club National President</td>
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<td>8:00am</td>
<td>Environmental Prospective on the Paris COP 21 and a Just Transition</td>
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<td>10:30am</td>
<td>KIT KENNEDY, NRDC Director Energy &amp; Transportation Program</td>
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<td>10:30am - 12:00pm</td>
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<td>12:00pm</td>
<td>Hot Buffet Lunch and Networking</td>
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<td>12:00pm</td>
<td>Symposium Lifetime Award: E. CHRIS BECK Keynote</td>
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<td>2:00pm</td>
<td>RICHARD KAUFFMAN, Chairman of Energy &amp; Finance for NYS Office</td>
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** Tours: **Fenner Wind Farm & Educational Center; ESF Woodchips to Ethanol Process; NYS Weatherization Training; National Grid Training Facility; Budweiser Plant Sustainability**NEW S.U. School of Engineering Grid Workshop** Networking
Eleventh Annual
Symposium on Renewable Energy in the 21st Century
da division of Synapse Sustainability Trust

Renewable Energy: Perception vs. Reality
April 17, 2015
“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

BOB PERCIASEPE, President
The Center for Climate & Energy Solutions

Behavioral perception and action to address the
twin challenges of energy and climate change.

ELEANOR STEIN
NYS Public Service Commission

REV (Reforming the Energy Vision)

MARSHA WALTON, Senior Project Manager
NYSERDA

Using behavior science to influence clean energy
adoption in NYS

MIKE WILLIAMS, Vice President
Blue/Green Alliance

Jobs and clean energy economy

MELANIE LITTLEJOHN, Regional Director
National Grid

The Future of Energy Storage and Production in
New York State

10:30am - 12:00pm

Panel Discussion with Speakers

12:00pm - 12:45pm

Hot Buffet Lunch and Networking
12:45 - 2:00

Special Guest Speaker

N.Y. ATTORNEY GENERAL ERIC SCHNEIDERMAN
Symposium Award

KIT KENNEDY
Also: Honoring NRDC on its 45th Anniversary

2:00pm

Board Buses for Optional Tours: Fenner Wind Farm; ESF Woodchips to Ethanol Process; Networking; NYS
Weatherization Training; **Budweiser Plant Sustainability; **SUNY ESF Gateway Building;
National Grid Training Center; Fitzpatrick Nuclear Facility Tour
Tenth Annual
Symposium on Energy in the 21st Century
a division of Synapse Sustainability Trust

Renewable Energy: What Can We Expect in the Next Ten Years
April 4, 2014
"The Links" E. Syracuse, New York

Registration, Networking & Continental Breakfast

Opening Remarks

RHEA JEZER, Symposium Director
and Chair

8:15am - 10:15am

ASHOK GUPTA, Dir. of Programs &
Senior Energy Economist, NRDC
Renewable Energy: How Far Have We Come
in the Past Ten Years & What Is Ahead

DAN REICHER, Executive Director,
Steyer-Taylor Policy Center for Energy Policy
and Finance, Stanford University

DAN REICHER, Executive Director,
Steyer-Taylor Policy Center for Energy Policy
and Finance, Stanford University
The Future of Renewable Energy in New York

Gary Brown, Chair, NYS Public Service Commission

The Role of New Technology in Energy Future

BOB CATELL, Chair, Advanced Research &
Technology Center, Stony Brook University

JOHN RHODES, President & CEO,
NYSERDA

How Will NYSERDA Continue To Encourage
Renewable Energy Initiatives

DAN KOLUNDZIC, Vice President,
Nanos Research

The Canadian Connection: Keeping the
Renewable Portfolio Alive: Canada & U.S.

KEN DALY, President,
NYS National Grid

Will the Grid be Ready for Renewable Energy
in the Next Ten Years

10:30am - 12:00pm

Panel Discussion with Speakers

KIT KENNEDY, (Moderator)
Clean Energy Counsel, NRDC

12:00pm - 12:45pm Hot Buffet Lunch and Networking
1:00 - 1:50

Federal Prospects for Renewable Energy in the Next Ten Years

JOSE ZAYAS
Program Manager for Wind & Water Power Program

2:00pm

Buses for Optional Tours: Fenner Wind Farm; ESF Woodchips to Ethanol Process; SyracuseCOE; Synapse Gateway Demo Project; Networking; National Grid Training Center; NYS Weatherization Training
Ninth Annual
Symposium on Energy in the 21st Century
A Division of Synapse Sustainability Trust Inc.
Planning for a Net Zero Energy Footprint
Friday, April 12, 2013
At “The Links” in East Syracuse, New York

PROGRAM
7:15am-8:00am Registration, Networking & Continental Breakfast
8:00am-10:15am Opening Remarks

Rhea Jezer, Ph.D, Symposium Director & Chair
Vita DeMarchi, Partner, Synapse Sustainability Trust

Greetings and Update
Frank Murray, President & CEO NYSERDA
Garry Brown, Chairman, NYS Public Service Commission
Richard Kauffman, NYS Chairman for Energy Policy and Finance

Net Zero Definitions and Possibilities; Successful Net Zero on a Large Scale: Army Installations
Jonathan Powers, Federal Environmental Executive, White House Council of Environmental Quality

Net Zero and Secure Energy
Jerry Davis, Senior Engineer, National Renewable Energy Laboratory, Denver, Col.

PlaNYC 2030; Comprehensive Initiative Toward Sustainability for a Large City
Sergej Mahnovski, Ph.D, Director of Energy Policy, NYC Office of the Mayor

Vision CNY; Net Zero for Communities
Chris Carrick, Program Manager, CNY Regional Planning & Development Board

Greening Cars & Trucks: Electric Cars/Alternative Fuels
Luke Tonachel, Senior Analyst, Energy & Transportation Program, NRDC

How to Organize, Finance, and Launch Local Energy Projects
Greg Pahl, Author, “Power from the People”

10:30am-12:00pm Panel Discussion

Kit Kennedy, (Moderator) Counsel to Air & Energy Program, NRDC

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

Posthumous Award to John Mahoney
Greetings

Joanie Mahoney, Onondaga County Executive

Keynote Address:
Future of Energy Policy, Federal and New York State

Richard L. Kauffman
Chairman for Energy Policy and Finance
New York State

Optional Tours Following Symposium: Fenner Windfarm Tour; ESF Woodchips to Ethanol Process; Syracuse Center of Excellence; Synapse Downtown Gateway (Demo Project); Networking & Discussion
Eighth Annual
Symposium on Energy in the 21st Century
A Division of Synapse Sustainability Trust Inc.
Looking Ahead to a Future in Renewable Energy
A Local & Global Perspective
Friday, April 27, 2012
At "The Links" in East Syracuse, New York

PROGRAM

7:15am  Registration & Continental Breakfast
8:00am-8:30am Greetings & Introductory Remarks

Rhea Jezer, Ph.D., Symposium Chair
Bill Magnarelli, NYS Assemblyman 120th

8:30am - 10:30am  Plenary Speakers
Overview: The Importance of Renewable Energy for Climate Change; Legislative Initiatives

Michael Gerrard, Director Climate Center, Columbia Law School

Germany's Use of Solar Voltaic Energy: A Successful Model for Central New York

Ruggiero Schleicher-Tappeser, Sustainable Strategies and Renewable Energy
Journalist and Consultant, Berlin, Germany

New Initiatives for New York State

John G. Williams, Director of Energy Analysis, NYSERDA

Danish Wind Power Experience as a Model For Opportunities in the US Northeast

Willett Kempton, Ph.D., Professor, University of Delaware & Otto Mønsted Guest Professor, Danmarks Tekniske Universitet

Including Biomass as a Renewable Resource: National Initiatives for Wind, Solar & Biomass

Nathanael Greene, Director Of Renewable Energy Policy, NRDC

Incorporating Renewable Resources and Energy Storage Technologies

Garry Brown, Chairman, New York State Public Service Commission

10:30am-12:00pm  Panel Discussion with Plenary Speakers

Kit Kennedy, (Moderator) Counsel to Air & Energy Program, NRDC

12:00pm - 12:45pm  Hot Buffet Lunch

Presentation of 2012 Environmental Award to:

Joanie Mahoney, Onondaga County Executive

12:45pm - 1:45pm  Keynote Address

Our Sustainable Energy Future

Attorney General Eric Schneiderman

2:00pm Optional Tours:

*Fenner Windfarm
*ESF Woodchips to Ethanol Process
*Syracuse Center of Excellence
*National Grid Training Center
*Discussion & Networking Session
Seventh Annual
Symposium on Energy in the 21st Century
A Division of Synapse Sustainability Trust

Reducing Our Carbon Footprint - Taking the Right Path
Friday, April 8, 2011
At "The Links" in East Syracuse, New York

PROGRAM

7:30am Registration & Continental Breakfast

8:00am- 8:30am  Introductory Remarks

Rhea Jezer, Ph.D., Symposium Chair
Greetings  Sam Roberts, Assemblyman 119th District
          David Valesky, New York State Senator 49th District

8:30am - 10:30am  Plenary Speakers
  The Climate Crisis & the North East: Direct Impacts
          Steven Leibo Ph.D., Professor, Russell Sage College

  Individual Actions Add Up
          Peter Lehner, Executive Director, NRDC
          How Onondaga County Is Working To Limit Carbon Footprint

          Joanie Mahoney, Onondaga County Executive
          How Will New York State Approach Reducing Carbon Footprint

          Joe Martens, Commissioner, DEC
          Green Buildings: New Standards to Reduce Carbon Footprint

          Rick Fedrizzi, President, CEO & Founding Chair USGBC
          Sustainable Agriculture & Rural Development

          Jill Harvey, NYS Director, Rural Development, USDA
          How do we make this work in our state

          Frank Murray, President & CEO NYSERDA

10:30am-12:00pm  Panel Discussion with Plenary Speakers Moderated by
          Kit Kennedy, Counsel to Air & Energy Program, NRDC

12:00pm - 1:30pm Hot Buffet Lunch and Luncheon Speaker
  The State of the DEC

DEC Commissioner Joe Martens

1:30pm Optional Tours:
  *Fenner Windfarm
  *ESF Woodchips to Ethanol Process
  *Syracuse Center of Excellence
  *Fitzpatrick Nuclear Facility
  *National Grid Training Center

$40 per person /$20 students or limited income including breakfast and lunch
$15 optional tour - transportation provided. To Register: www.energy21symposium.org
or contact Dr. Rhea Jezer: rjezer@gmail.com
Sixth Annual

Symposium on Energy in the 21st Century

"The Energy Highway"
Transmission, Collection and Distribution of Energy

Rhea Jezër, Chair

APRIL 16, 2010

The Links at Erie Village, East Syracuse, N.Y.

Program
7:30am Registration & Continental Breakfast
8 am Welcoming Remarks
Dr. Rhea Jezër, Symposium Chair
Greetings
Assemblyman William Magnarelli, District 120
Senator David Valesky, Vice President Pro-Tempore NYS Senate
Congressman Dan Maffei* *Congressional schedule permitting
8:30a.m. -10:15a.m Overview: Transmission and Distribution
Dr. Samir Sucar, Senior Energy Analyst, NRDC
Distribution, Technologies, Flexible Demand
Thomas King, President, National Grid USA
Executive Director Electricity Distribution & Generation
Transmission: Power for Jobs - Hydro Power
Richard Kessel, President & CEO, New York Power Authority (NYPa)
Energy Efficiency
Frank Murray, President & CEO, NYserda
"Smart Grid," Security Implications and Cost Allocation
Garry Brown, Chairman, PublicServiceCommission (PSC)
Integrating Renewables into the Grid; Moving New York Into the Right Direction
Carol Murphy, Executive Director, Alliance for Clean Energy New York
10:30 a.m.-12 p.m. Panel Discussion with Morning Panelists
Kit Kennedy, Council To Air & Energy Program, NRDC, Moderator
All speakers will be on panel.
12:00- 2:00 BUFFET LUNCH - Greetings - Presentation - Keynote
Congressman Mike Arcuri* *Congressional schedule permitting
Presentation of Award to:
Russ Cary, Supervisor Town of Fenner

Keynote address

Thomas King, President, National Grid USA

Morning program including breakfast & lunch $40 adult $20 student or limited income
2 p.m. Optional Tours (Choose One) * SUNY ESF: Wood Chips to Ethanol Process (Syracuse, NY); * Fenner Wind Farm (Fenner, NY);
* Morrisville State Biogas (Morrisville, NY); * Fingarick Nuclear Plant (Scriba, NY); *NEW National Grid Distribution & Training Center
(Liverpool, NY) $15 charge for tours
2009 Energy Symposium at Cazenovia College: April 17, 2009

Cazenovia College in conjunction with The Gifford Foundation, Syracuse Center of Excellence, and the Environmental Finance Center at Syracuse University, proudly present the

FIFTH ANNUAL SYMPOSIUM ON ENERGY in the 21st CENTURY
SMART GROWTH & TRANSPORTATION
SOLUTIONS & OPTIONS FOR ENERGY CONSERVATION
April 17, 2009 ~

Program
7:30 - 8 a.m. - Registration & Continental Breakfast
8 - 8:30 a.m. - Welcome and Introductions:
Mark Tierno, President, Cazenovia College
Rhea Jezer, Senior Lecturer, Environmental Policy & Symposium Chair
U.S. Senator Kirsten Gillibrand (via video)
Joseph Boardman, President and CEO, Amtrak

8:30 - 8:45 a.m. - What are the Options for Smaller Communities?
Matthew Dalbey, Senior Policy Analyst, U.S. Environmental Protection Agency, Development, Community and Environment Division, Washington D.C.

8:45 - 9 a.m. - The National Movement for Smart Growth Planning
Geoff Anderson, President and CEO, Smart Growth America, Washington, D.C.

9 - 9:15 a.m. - Smart Growth Planning in New York State
Paul Beyer, Director of Smart Growth Planning, NYS Department of State

9:30 - 9:45 a.m. - The Federal Transportation Bill
Michael Arcuri, United States Congressman 24th District

9:45 - 10 a.m. - Towards a Sustainable Transportation Future
Rich Kassel, NRDC, Senior Attorney & Director of Clean Fuels and Vehicles Project

10 - 10:15 a.m. - Putting Alternative Fuels and Technologies on the Road
Ruth Horton, Program Manager, NYSERDA

10:15 - 10:30 a.m. - Can We Afford What We Need?
Thomas DiNapoli, New York State Comptroller

10:45 a.m. - 12:15 p.m. - Panel Discussion with Morning Panelists
Moderator: Kit Kennedy, Special Deputy Attorney General for Environmental Protection, Environment Protection Bureau

12:15 - 1:45 p.m. - LUNCH (included in registration)
Buffer lunch catered by Cazenovia College Dining Services

Keynote Speaker: Joseph Boardman, President and CEO, AMTRAK
WHAT IS FAST RAIL? HOW IMPROVED RAIL CAN HELP PROMOTE SMART GROWTH & IMPROVE THE ECONOMY
Introduction: Dan Maffei, U.S. Congressman, 25th District

2 p.m. - OPTIONAL TRIPS / TOURS
(1-4 hours depending on trip selected): ESF - Wood Chips to Ethanol Process; Fenner Wind Farm; Morrisville Biodigester; Fitzpatrick Nuclear Power Plant (Scriba, N.Y.)
CAZENOVIA COLLEGE PRESENTS:
FOURTH ANNUAL SYMPOSIUM ON ENERGY in the 21st CENTURY
Seeking Solutions through Environmental Partnerships:
Government, Business, Environmentalists, Academics
April 11, 2008
FREE EVENT * SPACE LIMITED*
REGISTER at www.cazenovia.edu/energy

Program
7:30 - 8:00 a.m. Registration & Continental Breakfast
8:00 - 8:30 a.m.
Welcome Remarks
Mark Tierno, President, Cazenovia College
Introductions and Overview
Rhea Jezier, Senior Lecturer, Environmental Policy & Symposium Chair
Making the Case
David J. Manning, Executive Vice President, National Grid
8:30-8:45
Merger of Environment, New Business and University
Ed Bogusz, Executive Director, Syracuse Center of Excellence in Environmental and Energy Systems
8:45-9:00
Cost of Wedges - McKinsey Report - Costs, Solutions, Markets and Policy
Theo Spencer, NRDC Senior Project Manager, Climate Center
9:15-9:30
NYS Green Building Collaborative - “Greening” Colleges, Schools & Businesses
Jodi Smits Anderson, Dormitory Authority, Director Environmental Programs
9:30-9:45
New York State Environmental Perspective
Lois New, Chief of Climate Programs and Partnerships, New York State Office of Climate Change
9:45-10:00
Making the Case for Solar Energy
Richard R. Perez, Atmospheric Sciences Research Center, SUNY-Albany
10:00-10:15
Cellulosic Ethanol
Thomas Amidon, Professor and Director, Empire State Paper Research Institute at SUNY ESF
10:30-12:00
Panel Discussion
Moderator with Morning Panelists
Kit Kennedy, Special Deputy Attorney General for Environmental Protection, Environment Protection Bureau
12:15-1:45 p.m. LUNCH:
Introductions: United States Congressman Michael Arcuri, New York State Senator David Valesky
Luncheon Speaker
David J. Manning, Executive Vice President, National Grid
“Engaging the Customer: A Key Priority in any Successful Partnership”
2:00 pm OPTIONAL TRIPS: 1-4 hours, depending on trip (Must be arranged)
*ESF - Wood Chips to Ethanol Process*Phane Wind Farm*Morrisville Biodigester*Fitzpatrick Nuclear Plant
To register or for more information go to: www.cazenovia.edu/energy or Rhea Jezer rjezer@wcnry.rr.com
THIRD ANNUAL SYMPOSIUM ON ENERGY in the 21st CENTURY
"ENERGY SUSTAINABLE COMMUNITIES"
April 20, 2007

Program
7:30 - 8:00 a.m. Registration & Continental Breakfast
8:00 - 8:15 a.m. Welcome & Introductions
   Mark Tierno, President, Cazenovia College
   Rhea Jeep, Senior Lecturer, Environmental Policy & Symposium Chair
   Ira Rubinstein, Chair, CEEP
8:15 - 9:00am How to make the Bottom Line Both Green and Black
Overview
   Ashok Gupta, Director Air & Energy, NRDC
Economics of the Maple Ridge Wind Farm
   Bill Moore, PPM Energy
Sustainable Energy effects on the workforce
   Ed Murphy, Executive Director, Workforce Development Institute
9:00 - 10:45 What Colleges and Communities Are Doing to Pursue Sustainability
New York City Sustainability Initiatives
   Rohit Aggarwala, Director, NYC Office of Long Term Planning and sustainability
Syracuse & Sustainability
   Matt Driscoll, Mayor of Syracuse
Auburn & Sustainable Innovations
   Timothy Lattimore, Mayor, City of Auburn
   Mike Long, City Manager/Director of Programs and Grants, City of Auburn
SUNY Environmental Science and Forestry (SUNY ESF)
   Neil Murphy, President, SUNY ESF Campus Sustainable Practices and Initiatives
Morrisonville College
   Ray Cross, President Morrisonville College, Bio-Digester Project
11 - 12:00pm Panel Discussion
   How Viable will Sustainable Communities be in this Century
   Ashok Gupta, Moderator Morning Panelists
12:00 - 1:15 p.m.
LUNCH: Introductions: U.S. Congressman Mike Arcuri, N.Y.State Senator David Valesky
   Kit Kennedy, Special Deputy Attorney General for Environmental Protection,
   Environment Protection Bureau

TOURS: Leaving 1:30 p.m ($10 fee for bus). Morrisonville College Bio-Digester (1 hr. RT) or Fennner Wind Farm
   (1 hr. RT) or FitzPatrick Nuclear Facility, Oswego (3 1/2 hrs. RT) Seating is limited for this FREE Symposium.
REGISTER ONLINE at www.cazenovia.edu/energy by April 6, 2007! This Symposium is the third in a series that will explore ways to meet an increasing demand for energy while ensuring a sustainable environment for future generations. The Symposium is purely educational in nature. The mission of this Symposium is to present a comprehensive understanding of the possibilities and to gain insights into possible solutions without endorsing any products, technology or positions. Join the academic community, statewide environmental and business community and elected officials on April 20, 2007 at Cazenovia College. For further information, contact Dr. Rhea Jeep, Cazenovia College, at rjeep@fwcnry.ni. Major sponsors include: Center for Economic and Environmental Partnership,
Energy, Sierra Club, New York Power Authority, NYSERDA
ENERGY IN THE 21ST CENTURY

GLOBAL WARMING: FROM CRISIS TO SOLUTIONS
IDENTIFYING THE TECHNOLOGY & POLICY ANSWERS
FRIDAY, APRIL 21, 2006
CAZENOVIA COLLEGE, CAZENOVIA, N.Y.

PROGRAM

Registration and Continental Breakfast: 7:30 – 8:00 a.m.
Welcome and Introduction: 8:00 - 8:15 a.m.
  Dr. Mark Tierno, Cazenovia College President
  Dr. Rhea Jezer, Symposium Chair
  Ira Rubinstein, Center for Economic Environmental Partnerships, Inc.

PROBLEMS & CHALLENGES 8:15 - 9:15 a.m.

Global Warming – An Overview
  Dale Bryk, NRDC

Problems Facing New York State
  Denise Sheehan, Commissioner, NYS Dept. of Environmental Conservation (DEC)

Climate Change Initiative – The Role of Banks & Insurance Companies
  John Cusack, President, Gifford Park Associates

POSSIBILITIES AND SOLUTIONS: 9:15 – 10:30 a.m.

Energy Planning Options
  Peter R. Smith, President, NYS Energy Research & Development Authority (NYSERDA)

Coal - Reducing Carbon Emissions
  David Berg, Chief Advisor/National Energy Policy, USDA

Nuclear Energy – Poised for a Renaissance
  Dr. Gilbert Brown, Professor and Coordinator, Nuclear Engineering Program, University of Massachusetts, Lowell

Biofuels
  Congressman Sherwood Boehlert, Chair, U.S. House Science Committee

PANEL DISCUSSION: 10:45 a.m. – 11:45 a.m.

Global Warming: Vision and Reality
  Discussion to Feature Morning Speakers
  Moderator: Dan Cummings, WSYR NewsChannel 9

LUNCH: 12:00 -1:15 p.m.
  Greetings from U.S. Senator Hillary Rodham Clinton (video)

Keynote: Direction for Energy in the 21st Century for the United States
  Congressman Sherwood Boehlert

TOURS: Leaving 1:30 p.m.  Buses will be provided FitzPatrick Nuclear Facility, Oswego (3 1/2 hrs.) or Fenner Wind Farm (1 hr. RT)
Cazenovia College  
in conjunction with Center for Economic and Environmental Partnerships, Inc.  

Presents  

SYMPOSIUM ON ENERGY in the 21st CENTURY  

Problems and Solutions  

April 15, 2005  
8:15 a.m. – 4 p.m.  

Registration and Continental Breakfast  
Welcome and Introduction  
  Dr. Mark Tiernan, Cazenovia College President  
  Dr. Rhea Jezer, Symposium Chair  

PROBLEMS AND CHALLENGES  
9:00 – 10:15 a.m.  

Overview  
  Eleanor Stein, Albany Law School, Former Public Service Commissioner  
Energy Generation and Global Warming  
  Kit Kennedy, National Resources Defense Council, (NRDC)  
Electric Reliability  
  Peter Savio, New York State Energy Research Development Authority (NYSERDA)  

POSSIBILITIES AND SOLUTIONS  
10:15 – 11:15 a.m.  

Wind Power  
  Douglas Ward, American Wind Energy Association (AWEA)  
Solar Power  
  Dr. Gay Canough, Northeast Sustainable Energy Association  
  Woody Bionas  
  Tim Volk, SUNY College of Environmental Science and Forestry  
Fuel Cells  
  John Olesick, Chairman, NYS Fuel Cell Partnership  

PANEL DISCUSSION  
11:30 a.m. – 12:30 p.m.  

Forum: What are the obstacles to renewable energy and how do we overcome them?  
Moderator – Dan Cummings, NewsChannel 9  
Discussion with morning speakers  

LUNCH (Sponsored by Community Energy)  
12:30 – 2:00 p.m.  

Greetings  
State Senator David Valesky, Ranking Member Senate Environmental Committee  
Keynote Speaker  
  Congressman Sherry Boehlert, Chair, U.S. House Science Committee  

TOUR 2:00 p.m.  
  Fenner Wind Farm Tour – with Russel Carey, Town of Fenner Supervisor  
  Willow Bio Demo Farm with Tim Volk  
Buses will be provided  

This Symposium will explore ways to meet an increasing demand for energy while ensuring a sustainable environment for future generations. Join the academic community, statewide environmental business community and elected officials in discussing energy in the 21st century. Seating is limited for this free Symposium. Register online at www.ceepinc.org by March 26, 2005. For more information contact Dr. Rhea Jezer, Cazenovia College of Environmental Studies, at 315-727-0123 or 315-655-7368.