



Identifying and Predicting Weather Impacts on Utility Systems

December 3 – 4, 2013
Berkner Hall – Building 488

Agenda

Tuesday, December 3

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| 8:30 – 9:00 a.m. | Arrival at BNL |
| 9:00 – 9:30 a.m. | Workshop Welcome
Gerry Stokes , Associate Laboratory Director
Global and Regional Solutions Directorate, BNL |
| 9:30 – 10:30 a.m. | Charlie Scirbona , Department Manager - Smart Grid
Orange and Rockland Utilities
“What ORU is currently doing?” |
| 10:30 – 10:45 a.m. | BREAK |
| 10:45 – 11:10 a.m. | Michael Jensen , Deputy Division Head
Atmospheric Sciences Division, BNL
“Untapped Weather Resources That Can Help” |
| 11:10 – 11:35 a.m. | Brian Colle , Professor of Atmospheric Science, School of Marine and
Atmospheric Sciences
Stony Brook University
“Climatology and Long-term Trends of Convective Storms over the
Northeast U.S.” |
| 11:35 – 12 noon | Kelly Lombardo , Assistant Professor, Marine Sciences
University of Connecticut
“Identifying and Predicting Organized Severe Storms over the
Northeast U.S. Coastal Region” |
| 12:00 – 12:30 p.m. | Scott Giangrande , Associate Meteorologist
Atmospheric Sciences Division, BNL
“Possibilities for Using Real-time Radar Observations to Identify
Weather Impacts” |
| 12:30 – 1:00 p.m. | LUNCH (included in registration fee) |

- 1:00 – 2:00 p.m. [Robert Broadwater](#), Chief Technology Officer
Electrical Distribution Design, Inc.
“Expected Future Enhancements for ORU’s Future”
- 2:00 – 3:00 p.m. **Panel Discussion**
(Charlie Scirbona, Robert Broadwater, Mike Jensen
and Scott Giangrande)
- 3:00 – 4:00 p.m. Optional Tour - National Weather Service, Upton, New York
- 4:00 – 4:30 p.m. [Alan Berscheid](#), National Infrastructure Simulation
and Analysis Center (NISAC)
Los Alamos National Laboratory
“Extreme Weather Events on the Grid (wind, water, fire, heat, ice and
ground acceleration)”
- 5:00 – 6:00 p.m. RECEPTION – Berkner Lobby

Wednesday, December 4

- 8:30 – 9:00 a.m. [Reinhold Mann](#), Associate Laboratory Director
Environmental, Biological, and Computational Sciences
- 9:00 – 9:30 a.m. [Joseph Paladino](#), Senior Advisor
Office of Electricity and Energy Reliability
U.S. Department of Energy
(presentation will be given remotely using ReadyTalk)
- 9:30 - 10:00 a.m. [Eugene Feinberg](#), Applied Mathematics and Statistics
[Janos Hajagos](#), Visiting Scholar
Stony Brook University
“Predicting Heatwave Impact on Utility Systems”
- 10:00 – 10:25 a.m. [Robert Lofaro](#), Group Leader
Energy Sciences and Technology Department and Sustainable Energy
Technologies Department, BNL
“Using NSERC to Test for Weatherization”
- 10:25 – 10:40 a.m. BREAK
- 10:40 – 11:05 a.m. [Meng Yue](#), Scientist
Energy Sciences and Technology Department and Sustainable Energy
Technologies Department, BNL
“PRA, Weather and Restoration”

11:05 – 11:30 a.m.

[Michael Villaran](#), Principal Engineer
Renewable Energy Group, BNL
“Dynamic Microgrids to Complement Utility Restoration”

11:30 a.m.

Wrap Up
Michael Jensen, Deputy Division Head
Atmospheric Sciences Division, BNL