

DRAFT AGENDA

Utility Probabilistic Risk Assessment in Real Time Technical and Financial Aspects

March 7 - 8, 2013
Berkner Hall – Building 488

Pat Looney, Chair
Sustainable Energy Technologies Department, BNL

Thursday, March 7

- 8:30 – 8:50 a.m. Workshop Welcome
Gerry Stokes, Associate Laboratory Director, Global and Regional Solutions Directorate, BNL
- 8:50 – 9:20 a.m. **Gilbert Bindewald**, Project Manager, Office of Electricity Delivery and Energy Reliability, DOE
“Modeling and Analysis at DOE”; Results of the “Advanced Grid Modeling Workshop, February 5-6, 2013
(Presentation may be given via the web)
- 9:20 – 9:50 a.m. **Michael Hervey**, Former Chief Operating Officer, LIPA
- 9:50 – 10:20 a.m. **Curt Dahl**, Director, Network Strategy Planning, LIPA
“Risk Assessment for Resource Adequacy”
- 10:20 – 10:35 a.m. BREAK
- 10:35 – 11:05 a.m. **Denis Bergeron**, Director of the Energy Programs Division, Maine Public Utilities Commission
- 11:05 a.m. – 12:20 p.m. Utilities Needs in Planning Activities and Use of PRA
✓ 11:05 – 11:25 a.m.: **Predrag Vujovic**, Director of Transmission & Distribution Planning, LIPA
✓ 11:25 – 11:45 a.m.: **Charlie Scirbona**, Department Manager for Distribution Engineering Standards, ORU

and **Danling Cheng**, PhD., Software Development,
Electrical Distribution Design, Inc

- ✓ 11:45 – 12:20 p.m.: **Wijarn Wangdee**, Senior
Transmission Planning Engineer, BC Hydro
(Presentation to be given via the web)

12:20 – 1:20 p.m.

WORKING LUNCH

1:20 – 2:00 p.m.

Use of Probabilistic Approaches in Other Industries

- ✓ 1:20 – 1:40 p.m.: **Robert Bari**, Nuclear Science and
Technology Department, BNL
- ✓ 1:40 – 2:00 p.m.: **Soumyadip Ghosh**, Research Staff
Member, Business Analytics and Math Sciences, IBM

2:00 – 3:20 p.m.

Probabilistic Tools, Methods and High-Speed Computing

- ✓ 2:00 – 2:20 p.m.: **Roman Samulyak**, Computational
Science Center, BNL
- ✓ 2:20 – 2:40 p.m.: **Peter Feldmann**, Manager, IBM TJ
Watson Research.
- ✓ 2:40 – 3:00 p.m.: **John Grosh**, Deputy Associate
Director, Computation Directorate, Lawrence
Livermore National Laboratory
- ✓ 3:00 – 3:20 p.m.: **Peter Luh**, Assistant Professor,
Electrical & Computer Engineering, Center for Clean
Energy Engineering, **Peng Zhang**, and **Sung Yeul
Park Zahn**, UCONN

3:20 – 3:35 p.m.

BREAK

3:35 – 4:35

Data: General Issues

System, Subsystems and Components Integration Aspects

- ✓ 3:35 – 3:55 p.m.: **Meng Yue**, Scientist, Sustainable
Energy Technologies Department, BNL
- ✓ 3:55 – 4:15 p.m.: **Mani Vadari**, President, Modern
Grid Solutions
- ✓ 4:15 – 4:35 p.m.: **Michael Jensen**, Interim Chair,
Environmental Sciences Department, BNL

4:35 – 5:00 p.m.

Pat Looney, Chair, Sustainable Energy Technologies
Department, BNL

5:00 – 6:00 p.m.

RECEPTION

Friday, March 8

- 8:30 –9:00 a.m. An Overview of the Day
Gerry Stokes and **Gilbert Bindewald**
- 9:00 – 10:00 a.m. Break-Out Groups for Future Steps: **Gerry Stokes**
✓ Operations & Planning –**Predrag Vujovic**, Director of
Transmission & Distribution Planning, LIPA
✓ PRA tools & methodologies – **Meng Yue**, Scientist,
Sustainable Energy Technologies Department, BNL
- 10:00 – 10:15 a.m. BREAK
- 10:15 – 11:00 a.m. Break-Out Group Reports
- 11:00 a.m. – 12:15 p.m. Round Up: Future Activities
Predrag Vujovic, Director of Transmission & Distribution
Planning, LIPA & **Meng Yue**, Scientist, Sustainable Energy
Technologies Department, BNL
- 12:15 - 12:30 p.m. Summary from **Gerry Stokes** (issues from the attendees)
- 12:30 – 1:30 p.m. WORKING LUNCH & Workshop Closing
✓ **Gerry Stokes**, Associate Laboratory Director, Global
and Regional Solutions Directorate, BNL

BNL Contact: Maria Ohlsen, mohlsen@bnl.gov, 631-344-8142

As of February 26, 2013; 11:49 AM