

WORKSHOP on

Utility Probabilistic Risk Assessment in Real Time Technical and Financial Aspects – The Business Case Upton, Long Island, NY – March 7 – 8, 2013



Welcome to the Event

We invite utility operational strategy staff to the workshop on Utility Probabilistic Risk Assessment in Real Time at BNL. Electric utilities and grid operators face major issues from an accelerated evolution of grids towards an extensive integration of variable renewable energy sources and smart grid configurations, while also aiming at minimum costs of operation. Probabilistic risk assessment (PRA) will be challenged to be the proper method for real business cases in utility operational and planning activities.

Overview and Topics

The event will be organized to allow networking between presentations, providing ample opportunities to debate new approaches to overcome some of the challenges we face today. The main topics will be:

- ✓ Needs of system operators/planners of real-time probabilistic risk optimization.
- ✓ State-of-the-art in probabilistic studies for electric networks with application cases.
- ✓ Optimization tools and methods, including both technical and financial aspects.
- ✓ Sample applications of probabilistic methodologies in other asset-intensive sectors.
- ✓ Infrastructures, data, technology status and development needs.
- ✓ Planning for leveraging new IT and Smart Grid infrastructures, and high power computing.

Registration

A fee of \$40 will be charged for participation at the workshop. To guarantee a smooth organization of the event, we kindly ask you to contact us and register by February 28, 2013.

Arriving at BNL

Please consult the BNL website at: <http://www.bnl.gov/maps/>

Contact information:

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