

Electric Power and Power Electronics Institute

WEEKLY SEMINAR SERIES – FALL 2015

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NYISO: Current Trends and Opportunities

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Abstract

This presentation provides a brief overview of key trends and opportunities related to the areas of three main NYISO activities: administration of the NYISO power markets, coordination of system operations across the NY Control Area and coordination of regional planning efforts.

The following topics will be discussed:

- Reforming the Energy Vision (REV) Initiative
- Broad Regional Markets
- EI Secure Data Network
- Situational Awareness
- EI Planning Collaborative
- NY Phasor Measurement System

Biography

Dr. Dejan J Sobajic, is the president and founder of Grid Consulting LLC from San Jose, CA. He has more than 40 years of utility industry experience in the areas of power system operations and planning, wholesale markets operations, control-center technology, operator training and IT design. His areas of expertise include SCADA/EMS design and real time system applications development; power system modeling, stability and control and intelligent systems applications.

Sobajic has 14 years of academic experience including the appointments at Case Western Reserve University and Stanford University. In 1988 he pioneered the use of neural net technology in the field of power system engineering. Sobajic has edited the first textbook on the subject of use of neuro-computing in power system engineering entitled “Neural Network Computing for the Electric Power Industry”(1993).

He is the chairman of the International Steering Committee for the International Workshop on Electric Power Control Centers – EPCC (www.epcc-workshop.net). Sobajic is an IEEE Fellow and member of CIGRE. He is the author/co-author of 150 technical papers in power system analysis, stability, system operation and markets, control and computational intelligence. He can communicate in English, Russian, German and Serbian.