



Power Systems Engineering Research Center

Challenges for the Electric Power Sector in Supporting China's Economic Growth

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Research Tele-seminar

Feb. 6, 2007

2:00-3:00 p.m. Eastern Time (11:00-12:00 Pacific)

The tele-seminar will include participation by Dean Mark Lee (Li Chun jie) of the International Cooperation Department of North China Electric Power University and currently Visiting Fellow at the International Center for Economic Sciences at George Mason University, Arlington, Va., and Robert Blohm, resident Foreign Technical Expert, International Cooperation Department, North China Electric Power University, Beijing.

Seminar Description

China is experiencing a high rate of economic growth. That growth is accompanied by an increasing demand for energy that is resulting in considerable investment in new generation and electric delivery infrastructure. Along with this rapid development of the power industry, air pollutant emissions (e.g., SO₂, NO_x, and greenhouse gases) are on the rise. China is working hard to solve the challenge of developing the electric supply and delivery infrastructure to support economic growth in environmentally acceptable ways. Its strategies include (1) expanding supply and delivery capabilities, (2) renewing efforts to establish a power market that started in 2002, but was temporarily suspended due to power shortages, (3) applying technology innovations, such as renewable energy (solar, wind, etc.), efficient energy use technologies, and clean coal technologies, and (4) energy policy reform. The presentation will provide an overview of China's electric power sector and how China is approaching the challenges it faces.

Biography

Hui Ren is a lecturer in the Electrical Engineering Department at North China Electric Power University and a visiting scholar at the University of Wisconsin-Madison. Her research and teaching interests focus on power system automation, power system reliability, and dynamic performance analysis, and has had projects with industry on power system fault diagnosis and power system security control. She has a B.S. and M.S. in electrical engineering from North China Electric Power University.

Participation: Live audio will be provided via teleconference. The presentation slides can be downloaded from the PSERC website on Feb. 6. An audio-slide production will be available for viewing by web streaming a day after the tele-seminar.

Registration: To indicate that your organization would like to have an access line, send an email to pserc@asu.edu with the subject "Ren Seminar". To use our limited phone bridge capacity efficiently, we ask that people in an organization meet together to participate rather than calling in separately, if at all possible. Connection information will be sent before the seminar. There is no charge for participating!

Professional Development Hour Certification: PDH certification is available for PSERC members. Send an email requesting PDH certification to pserc@asu.edu with the subject "PDH" after the seminar. *Include the name and title of each participant.*

Seminar Logistics and Assistance

Connection information will be emailed to you after you submit your request. If you have any questions, please contact Brianna Reed, PSERC's administrative assistant, at 480-965-1643 or pserc@asu.edu. You can also contact Dennis Ray, PSERC Executive Director, at 608-265-3808 or djray@engr.wisc.edu.

PSERC's Seminar Coordinator

Shmuel Oren, University of California at Berkeley
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Shmuel welcomes feedback on the tele-seminars and suggestions for future ones.