

**STEVENS INSTITUTE OF TECHNOLOGY
DEPARTMENT OF MECHANICAL ENGINEERING**

Special topics in Energy seminar series

**Wednesday December 5, 2007
Carnegie Room 315, 1:30 pm**

**PJM INTERCONNECTION: SUSTAINABLE SOLUTIONS
TO DELIVERING ELECTRICAL POWER TO OUR REGION**

**MICHAEL E. BRYSON
GENERAL MANAGER OF DISPATCH OPERATIONS**

Mr. Bryson's presentation will focus on the efficient and reliable supply of electrical power by PJM Interconnection, a regulated public interest company. PJM manages our power grid which is the oldest grid in our nation and started in New Jersey, Pennsylvania and Maryland in 1927. PJM Interconnection is a regional transmission organization (RTO) and coordinates the movement of wholesale electricity throughout 13 states. PJM is responsible for maintaining the integrity of the regional power grid and for managing changes and additions to the grid to accommodate new generating plants, substations and transmission lines. PJM analyzes and forecasts the future electricity needs of the region. The company ensures that the growth of the electric system takes place efficiently, in an orderly, planned fashion, and that reliability is maintained.

The presentation will cover PJM's Energy Resources & Solutions - Generation, Demand Response, Renewable and Applied Solutions Efforts. These resources are managed by developing innovative programs, such as demand-response initiatives and efforts to support renewable energy, to help expand supply options and keep prices competitive. The renewable sources of solar, wind, bio-fuels are a few of the integral parts of the planning processes at PJM. PJM works closely with the suppliers and state energy offices. Another aspect of the presentation is the new transmission process being developed at PJM called the "smart grid" which introduces new technologies into the power grid. For more information go to www.pjm.com.

Mr. Michael Bryson earned a Bachelor of Science in General Engineering from the United States Military Academy at West Point, New York focusing on computer science and electrical engineering. Mr. Bryson and has an MBA from Saint Joseph's University in Philadelphia.

*For more information, please contact
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