

PJM Regional Transmission Expansion Planning Process

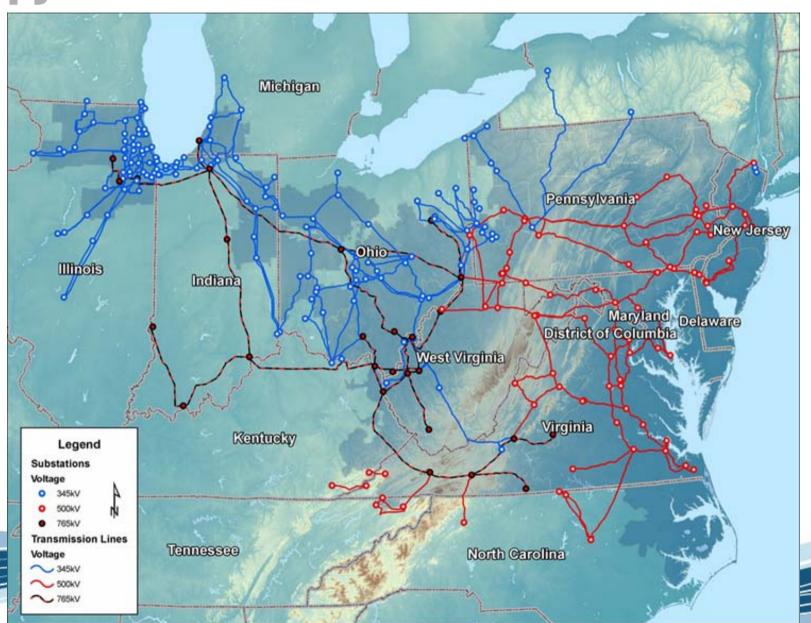
May 15, 2008 Glenn Weiss Client Manager



PJM Authority Provided by Agreement

Reliability **Assurance Agreement Transmission** PJM Regional Transmission Provider **Operating Owners** Regional Control Area Operator **Agreement Agreement** Market Developer and Coordinator Regional Transmission Planner Planning Process Interconnection Process NERC Security Coordinator **PJM OAT ECAR, MAIN & Tariff MAAC Agreements**







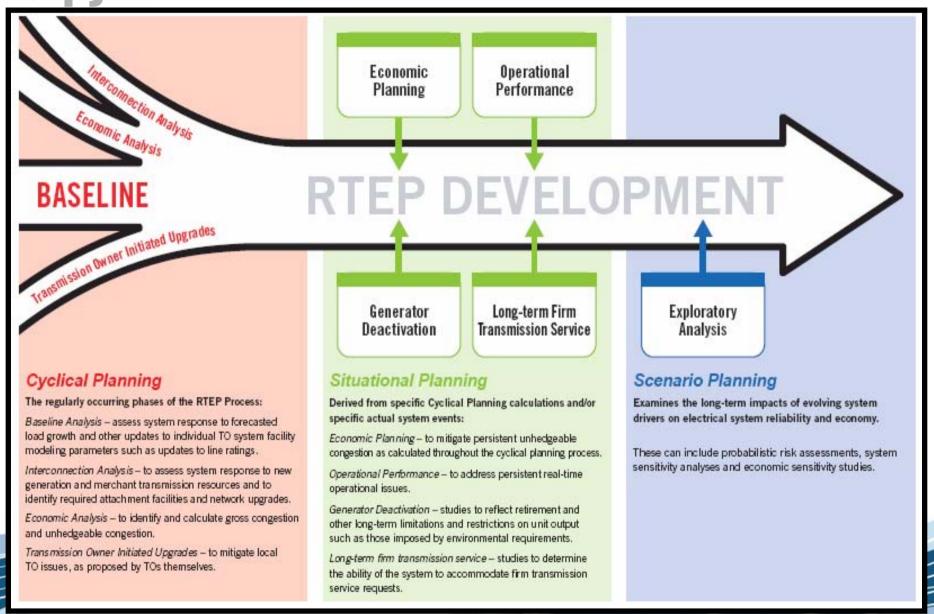
> Transmission Planning

- Ensuring sufficient long term capability to deliver generation to forecasted load
- Ensuring short term operational security
- Facilitating economic transactions across an interconnected grid
- > Generation Planning
 - Ensuring sufficient generation resources to serve forecasted load
 - Ensuring short-term operational security
 - Ensuring a diverse and reliable portfolio of supplies



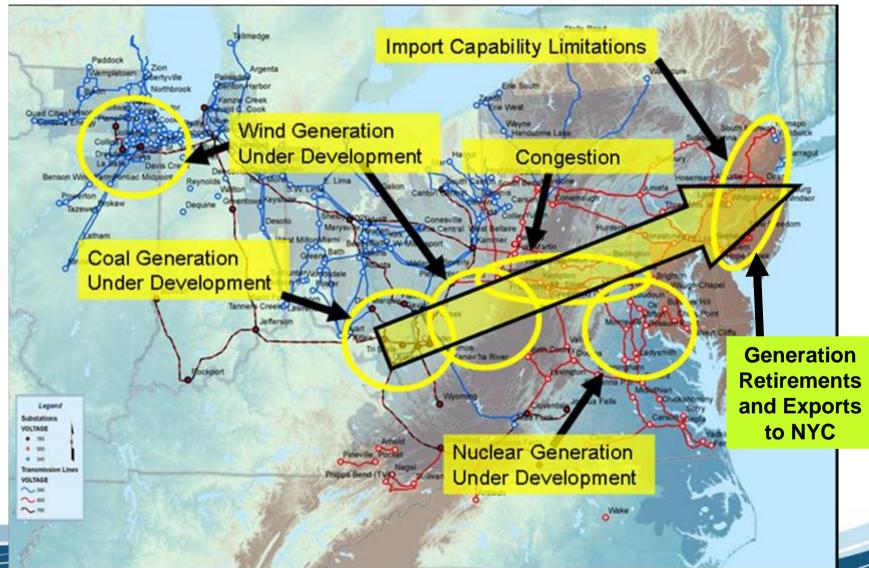
- Inclusive Regional Planning Process
 - Integrate all needs and all solutions
 - Stakeholder involvement
 - State focus
- Integrated Planning, Markets, and Operations
- Comprehensive Infrastructure Management
 - Single entity decision-making
 - Risk assessments aging infrastructure







Current Transmission Expansion Drivers



pjm

Alternative Backbone Solutions Under Consideration

