

PJM's Evolving Resource Mix and System Reliability

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Biography

Mr. Brown leads the efforts to develop plans to ensure the ongoing development and integration of industry innovations and emerging initiatives into the PJM Market Services Division. His team recently focused on gas/electric coordination, economic analysis of the Environmental Protection Agency's Clean Power Plan and MIT's Utility of the Future Study. Prior to joining PJM, Mr. Brown was director of operations support services at EDPR/Horizon Wind Energy. His responsibilities included the remote operations control center, operational compliance and central maintenance. He also worked for a large investor owned utility in a number of roles within the distribution, transmission and generation departments. Mr. Brown currently serves on the executive committee of the North American Energy Standards Board (NAESB) in the wholesale electric quadrant. In the past, he also served on a number of RTO/ISO committees and working groups.

Abstract - PJM's Evolving Resource Mix and System Reliability

This presentation will focus on the changing resource mix in PJM given environmental regulations, the preponderance of low-cost natural gas, the increasing penetration of renewable resources and demand response, and the potential for retirements of nuclear power resources. It will discuss whether the resource attributes necessary to maintain system reliability will continue to be available in sufficient quantities given various potential future resource portfolios