



Storage As A Transmission Asset

Problem / Opportunity Statement

PJM is responsible to plan the transmission system in accordance with the Amended and Restated Operating Agreement of PJM Interconnection, L.L.C. (“Operating Agreement”). Through the requirements listed in the Operating Agreement, PJM must prepare the Regional Transmission Expansion Plan (RTEP) to incorporate necessary enhancements and expansions to the transmission system to alleviate issues that may be identified to maintain system reliability, improve operational performance, improve market efficiency, or accommodate public policy requirements as defined by state or federal agencies. The incorporation of storage assets into the process to reinforce the transmission system requires the exploration of different processes and requirements to ensure the requirements of the Operating Agreement are maintained in preparation of the RTEP. This effort will explore existing Transmission Planning criteria, including performance measurement methodology, and develop processes to be used in evaluating storage as a transmission asset to address elements in the RTEP and to allow PJM to plan the RTEP effectively. PJM is proposing to initiate a stakeholder process to ensure the planning process provides sufficient clarity regarding how storage as a transmission asset (“SATA”) will be evaluated and incorporated into the PJM RTEP. Enhanced clarity in the evaluation process will also provide more transparency for stakeholders to understand how PJM evaluates these assets.