

Problem/Opportunity Statement

Generator Deliverability Test Modifications

The rapidly evolving resource mix raises the opportunity to determine more appropriate deliverability levels for intermittent resources, such as wind and solar resources, and to better ensure that all existing and planned Generation Capacity Resources are able to serve load when needed by improving the robustness of the generator deliverability testing procedures.

The intermittent nature of these types of resources is not adequately represented in the current generation deliverability testing criteria and increased penetration of these types of resources will increase the reliance of load on resources with variable output. To ensure PJM is able to continue to meet is compliance requirements to adequately plan the system to reduce interruption of generation supply to load, changes must be incorporated in the testing requirements to better reflect the need to meet the load requirements on a continual basis with variable generation output.