Reactive Issue Charge

MIC May 13, 2021 **IMM**



Education Topics

- The fundamentals and origins of the relevant parts of OATT Schedule 2;
- the requirements for ensuring adequate reactive capability;
- the basics of the AEP method and its rationale;
- the current treatment of reactive in the capacity market;
- the requirements for reactive capability from resources on the transmission, subtransmission and distribution systems; and

©2021

Education Topics

the fundamentals of planning for reactive capability and the coordination of such planning with the competitive PJM market design.

Provide Clarification On

- The role of PJM and resource owners in procuring reactive capability;
- The definition of reactive demand and supply;
- The precise meaning of reactive capability;
- The quality and quantity of reactive capability PJM requires;
- The quality and quantity of reactive capability required to obtain interconnection service;
- Resource eligibility based on type;
- Resource eligibility based on location.

Additional Key Work Activities

- Identify and clarify how to treat reactive capital costs and revenues in the capacity market.
- Identify and clarify the opportunity costs of providing reactive power in real time for each resource type.
- Evaluate the procedures for measurement and verification of reactive capability.
- Identify performance requirements for reactive power.
- Evaluate the economic basis for the distribution of reactive charges among zones.

Additional Key Work Activities

 Propose reforms to the market rules related to reactive power consistent with "the creation and operation of a robust, competitive and nondiscriminatory electric power market in the PJM Region." (OA § 7.7(vii)). Monitoring Analytics, LLC
2621 Van Buren Avenue
Suite 160
Eagleville, PA
19403
(610) 271-8050

MA@monitoringanalytics.com www.MonitoringAnalytics.com