



# PJM Manual 14A Updates

Dave Egan

Interconnection Projects

MIC Special Session – Distributed Energy Resources

August 18, 2017



## Reasons for Updates:

### Biennial Review:

- Clarify PJM Tariff as it relates to Interconnection Queue Process
- Explain PJM practices related to specific Tariff terms (e.g. Behind the Meter Generation, site control)

- Section 1.1 - Requirements for Generating Units
  - Provides clarification of the term 'generating unit' and participation in the PJM Capacity Market
- Section 1.2 - Interconnection Procedures for FERC Jurisdictional and Non- FERC Jurisdictional Facilities
  - Provides clarification of generator requirements for participation in the wholesale market

- Section 1.3 - Interconnections with municipalities, co-operatives, or non-PJM member electric distribution companies (EDC)
  - Provides clarification on how generators interconnecting with non-PJM Member utilities can participate in the Wholesale market
- Section 1.12 - Consent to Assignments
  - This is a new section that clarifies transfer of ownership processes before and after commercial operation of a Generator

- Section 1.20 - Non-Queue Interconnection Service Agreements
  - This is a new section which provides guidance on how existing Generators without a three-party ISA can acquire an ISA
- Section 1.21 - Serving Load as a Generator
  - Unless legally identified in a state as a Load Serving Entity, an entity is not permitted to serve another entity's load. Station service loads can be served between generators in a single portfolio.

- **Section 2.1.2.1 - Site Control**
  - Provides additional clarification on the requirements for site control
- **Section 2.1.2.2 - Generation Interconnection Requests**
  - Multiple requests behind the same Point of Interconnection
  - Fuel Change
  - Attachment Y applications
  - Attachment BB applications

- Section 2.1.4 - New Service Request deficiency reviews
  - Requires a reasonable in-service date based on Study(ies) timeline and construction schedule
  
- Table 2-2-1: System Impact Study costs
  - Corrected tables

- Section 2.3.1 - Queue Priority and final agreement issuance
  - Added a discussion regarding the sequence of agreement issuance depending on the order of queue entry for New Service Customers with allocations to shared network upgrades



- Section 2.4 - Types of Network and Local Upgrades
  - Provides clarification for the various types of Network Upgrades referred to in both the study reports and agreements
- Section 2.5 - Transfer of Capacity Interconnection Rights
  - Describes the process for transferring existing CIRs

- Section 2.6 - Work Papers
  - This section defines Work Papers and how they are used for modelling New Services Requests
- Section 3.1.4 - Expedited and/or Combined Study Analysis
  - This section provides clarification for the combined Feasibility and System Impact study process and how it applies to small Generators

- Section 4.1.2 - Interim ISA vs. ISA with Interim Rights
  - This section describes the difference between advancing construction with an Interim ISA, and advancing the in-service date of a Generator coming into service ahead of the base case study year.

- Section 4.1.3 - Security Requirements
  - Provides clarification on the Security requirements for an ISA, WMPA, or UCSA, the reasons why PJM needs to collect Security, and how it is calculated
  
- Section 4.1.4 – Agreement Milestones
  - Provide clarification on the required Agreement Milestones and their intended purpose

- Section 4.2.1 - Option to Build
  - Provides clarification on an Interconnection Customer's right to "Option to Build" including conditions and requirements
  
- Section 4.3 - Wholesale Market Participation Agreement (WMPA)
  - Provides a definition for and describes applicability of a WMPA

- Section 5.1- Behind the Meter Generation Projects
  - This section provides additional clarification of Behind the Meter Generation (BtMG) interconnections