

Incorporating PMU Requirements into Manual – M01 & M14D

Nancy Huang

**MRC Meeting
June 26, 2014**

9/13/2012

- Problem/Opportunity Statement presented and approved
- Seeking to make a policy change to the ISA and manuals to add explicit requirement of installing SynchroPhasor Measurement Units (“PMU”) at new Generation Interconnections.

1/22/2013

- Final report reviewed
- Seven meetings
- Education on PMU-related issues covering eleven topics
- Two packages proposed

6/27/2013-
2/27/2014

- PJM MC endorsed the proposed Tariff language on 6/27/2013
- PJM submitted the filing to FERC on 10/28/2013
- FERC accepted PJM’s compliance filing on 2/27/2014

PJM Tariff (ISA) Changes:

An Interconnection Customer entering the New Services Queue on or after October 1, 2012 with a proposed new Customer Facility that has a Maximum Facility Output equal to or greater than 100 MW shall install and maintain, at its expense, phasor measurement units (PMUs).

- **Manuals are impacted: M01 & M14D**
 - **M01: Control center and data exchange requirement**
 - **Section 1.3**
 - **Definition of PJM synchrophasor system**
 - **Section 2.2**
 - **Add phasor data as one of the categories of PJM member data exchange service**
 - **Section 3.3**
 - **PJM synchrophasor system data exchange requirement**

- **M14D : Generator operational requirement**
 - **Section 4.3**
 - **Phasor Measurement Device Requirements**
 - **Phasor Data Concentrator (PDC) Requirements**
 - **Network Requirements**
 - **Data Exchange and Management Requirements**

