



Phasor Data Quality

Special DMS Session
August 22, 2018

- Background
 - PDQTF (Phasor Data Quality Task Force) ran from December 2013 to April 2016.
 - Education on PMUs
 - Set Data Quality accuracy requirements
 - Worked with TOs 1:1 to meet requirements
 - Creation of Manual Language
 - Fine-tuned Reporting
 - Defined Outage Procedures

- The Data Quality metrics reporting part of PDQTF was transferred to the SIS (System Information Subcommittee)
 - The SIS covered other types of reporting such as ICCP and DNP
- The SIS was also retired late in 2016

- Phasor Data Quality reporting was moved to its current home under the DMS (Data Management Subcommittee) in January of 2017
- DMS covers modeling, telemetry, ratings
- Issues:
 - Too many moves caused confusion and a loss of participation
 - DMS registration process complicated
 - Limited agenda topics of interest to phasor contacts

- Continuous increase in Data Quality issues
- Problem statement taken to the OC (Operating Committee)
- OC assigned the issue to the DMS for investigation and a proposed solution
 - Special DMS Phasor Data Quality initiative created
 - Stand alone meetings that don't require cumbersome registration process through the stakeholder process

The purpose of the DMS PDQ Team is to first and foremost to provide an avenue to help improve communication between PJM and our Transmission Owners about Phasor related topics.

- Identify common Data Quality issues and help facilitate solutions
- Review and update Data Quality requirements in M01
- Define process for issue resolution
- Create guidelines for PMU device outages

- Monthly meetings until the items on the previous slide are either resolved or a process to resolution has been agreed upon.
 - Expectation is 6 months
- September meeting scheduled for in-person or WebEx for 3 hours. We encourage you to come in person if possible.
- Subsequent meetings will likely be a one hour WebEx, or adjusted as needed.
- Future – Consideration for a stand alone phasor meeting 1-2 times per year, or as topics of interest arise

