

Data Management Subcommittee (DMS) – Joint: Phasor Data Quality Meeting
WebEx/Teleconference
October 17, 2018

Administration

- Introductions and roll call conducted in room and for those attending via WebEx/Teleconference.
- Draft Agenda approved; Meeting Notes from 9/19/2018 meeting approved.

Manual 01, Section 3.3

- Ms. Suzie Fahr shared the current text in Manual 01, Section 3.3 - Synchrophasor Data Exchange. This is an area where change is proposed to more clearly outline/update data quality thresholds. Ms. Fahr proposed dividing up the requirements into the following areas: Accuracy, Availability, Latency, and Good Samples, and the group support this proposal. Mr. Erkan Tuna clarified bad vs. good data. Mr. Shaun Murphy noted that status codes address at device level, while accuracy is measured at individual signal level. Ms. Fahr will work to have a draft available for all to review at the next meeting in November.

Group Discussion Topics

- **What DQ issues have you seen, and how have you worked to address them?**
 - Adam Veno (AEP) noted PMUs are deployed with no consideration of bandwidth and priority of other protocols.
 - Harry Grewal (FE) FE has had firmware issues, and offered there is no dedicated tech support, per se.
 - Bob Barth (DEOK) addressed separation of control-based devices from others – some units report data as bad with loss of voltage instead of '0'.
- **Use of PMU data in Operations? Barriers?**
 - Harry Grewal (FE) advised FE is not using PMU data.
 - Bob Barth (DEOK) advised Duke is down-sampling and mostly using for event analysis.
- **PMU Installations – Updates at your company?**
 - Drew Trump (PPL) reported no PPL apps are using PMU data, and there is no commitment to install (no use identified to date).
 - David Schooley (ComEd) reported that new installs are underway (eight due in November 2018, more expected in 2019); ComEd is using same apps as PJM (RTDMS, etc.). Mr. Grytsulyak followed up on oscillation reported by Mr. Schooley, and Mr. Schooley provided details on when this event occurred (~1kV dip on 10/16/2018, occurring over a 1 hr. period (eta 15:49 (EDT))).

Miscellaneous

Mr. Shaun Murphy mentioned upcoming NASI Meeting in Philadelphia, PA next week. Meeting materials are posted online and all encouraged to check them out.

Attendance:

Last Name	First Name	Company Name
Barth	Bob	DEOK
Grewal	Harry	FE
Johnson	Brady	AEP
Kemper	Jacob	DUQ
Rosenberger	Eric	PPL
Schooley	David	ComEd
Trump	Drew	PPL
Veno	Adam	AEP
Wu	Ben	RECO
Baptiste	Maria	PJM
Fahr	Suzie	PJM
Grytsulyak	Yuriy	PJM
Murphy	Shaun	PJM
O'Brien	Bill	PJM
Schmitt	Jeff	PJM
Tuna	Erkan	PJM

Provide feedback on the progress of this group: [Facilitator Feedback Form](#)
 Visit learn.pjm.com, an easy-to-understand resource about the power industry and PJM's role.