



eDART Voltage Schedules

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PJM Plan – Reviewed with SOS-T & DMS in 2017

- Complete communication of Voltage Schedules via ICCP/DNP for remaining units
 - Allows generators to monitor their performance relative to specified Voltage Schedule
 - TO support needed (applies only to applicable generators in Voltage Control mode)
- Develop and implement eDART Voltage Schedules Tool
 - Goal is replacement for TO / GO Voltage Schedule letters/emails (new centralized system for tracking and auditing)
 - Functionality:
 - Create a Voltage Schedules Table for all applicable generators in eDART
 - Pre-populate the Voltage Schedules Table in eDART
 - Create Review / Acknowledgement functionality
- Develop and implement Business Rule changes:
 - PJM Manual M03 / M14D revisions
 - TO/TOP Matrix revisions
 - Address TO use of PERCS

- 2016 RFC Audit Recommendations:
 - PJM should implement additional controls to include receiving acknowledgment that the GOPs received Voltage Schedules from TO's
 - PJM should establish a consistent reporting protocol for TOs to notify the respective GOPs of their Voltage Schedules
- Improved PJM/TO/GO awareness of current and proposed voltage schedules for all applicable generators
- Improved auditability of Voltage Schedule communications
- Voltage Schedules over ICCP/DNP also implemented but only a partial solution

TO

Specify

TO-Specified or PJM Default Voltage Schedule

Specify Voltage Schedule Type: Voltage, Power Factor, or Reactive Power

Provide Target Voltage Schedule & Tolerance Band

Attach Voltage Schedule Letters (Optional)

Submit Exemption Requests

PJM

Review

Maintain List of Applicable Units (M-03 Sect. 3.11)

Review and Acknowledge Voltage Schedules

Coordinate adjacent TO/External Voltage Schedules

Approve Exemption Requests

Initiate Periodic Voltage Schedule Reviews

GO

Acknowledge

Acknowledge Voltage Schedules

Provide feedback on Voltage Schedule (Optional)

- eDART Voltage Schedules released by end of Q2 2018
- Data Migration and TO/GO implementation by end of Q4 2018
 - PJM to pre-populate documented Voltage Schedules into the tool for initial data migration.
 - TO's to review and submit corrections where necessary to pre-populated Voltage Schedules.
 - GO's to review and acknowledge initial Voltage Schedules once PJM pre-population and TO reviews are complete.

For more information about eDART Voltage Schedules, contact:

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