ERCOT VOLTAGE PROFILE WORKING GROUP (VPWG)

## July 2019 Report to ROS

Highlights of VPWG Meeting on 5/21/19 are as follows:

* TOP Data Gathering Effort to study CREZ areas that have experienced high voltages at low wind output when reactive support from renewable resources not fully available. SOTEEMS cases are being analyzed for any consistent high voltage problems.
* ERCOT gave an update on the Reactive Power Coordination Tool. The proof of concept was successfully completed. Expected kickoff for the project is sometime in Q3. ERCOT will be working on some changes to the protocol relating to modeling for temporal constraints and clarification of outages for reactive devices in the Outage Scheduler.
* ERCOT gave a presentation on a voltage set-point threshold analysis by pulling in historical POI voltage data to determine how accurately generators are able control to their telemetered voltage set point instruction. The slides showed what percent of generators were able to stay within a certain kV tolerance band.
* Summer/Fall Voltage Profiles were posted on June 1, 2019.

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