ERCOT VOLTAGE PROFILE WORKING GROUP (VPWG)

## December 2021 Report to ROS

### Recent Webex November 9

* Lilia Sanchez from ERCOT gave an update on the Winter/Spring Voltage Profile study. Final profiles will be posted Dec 1.
* At the September VPWG, it was noted there’s a gap between when RARFs are discontinued in December, and when TSPs get access to reactive capability data in RIOO-RS in mid-2022. ERCOT said due to the January 4th moratorium they are stopped on the path to finish RIOO updates and Resources are still submitting the RARFs.
* Discussion of NPRR1098 Reactive Power Considerations for DC Ties. ERCOT will likely be submitting comments about the DC Tie owner and operator roles.
* A report was presented on times when VPWG cases weren’t able to reach a solution. The causes were determined to be generator shunt settings with such wide control bands they never switched in, uncoordinated or conflicting control settings of generator reactive devices and occasional case modelling errors. Since smaller plants depending on static capacitor reactive support continue to become a larger part of the ERCOT generation mix, it’s expected that tighter coordination of reactive device settings will be needed to support system reliability.
* Discussion of changing VPWG meeting frequency from monthly to quarterly. Although there was good discussion this year at our six meetings, it was agreed to schedule them quarterly and add meetings if needed on specific topics.

### Future Planned Webex

* Next VPWG Webex is first quarter 2022.

Scot Williams Maribel Khayat

VPWG Chair VPWG Vice-Chair

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