**MWG Meeting Summary Notes**

**April 9, 2025, 8:30 - 10:45 (12:00 scheduled)**

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1. Anti-Trust Admonition was reviewed by MWG chair Kyle S. of ONCOR.
2. Reviewed previous MWG notes from 12/19/24. If any comments or changes, please get with Kyle S. or Tony D.
3. Review of Previous MWG Meeting Notes on CCVTs.
   * Tony D. (WETT).

* presented Key Document “CCVT Oct Update to MWG 04 9 101” no questions
* presented Key Document “October 16 2012 MWG Meeting Presentation” no questions.
* presented Key Document “January 29 2014 MWG Meeting Presentation Topics Draft (Slide 13)” no questions.
* Presented Key Document “ERCOT 2013 Data Analysis”
* Calvin O.(ERCOT) stated the analysis of this report provided for CCVTs is assuming linear regression which may not be the real-world case. Donald M.(ERCOT) confirmed this is correct.
* Tony D. (WETT) also pointed out that inaccuracies can be introduced into the CCVT as part of the shipping process as it is known that CCVT have been damaged during shipment.

1. NPRR 1263 Discussion:
   * Tony D. (WETT).

* informed the MWG of known misinterpretations of language stated in NPRR1263.’CCVTs have not been proved to be stable.’ And ‘No other ISO has accuracy requirements for CCVTs.’
* NYISO does not allow CCVTs for revenue grade metering. No response from MISO.
* stated CCVTs are commonly damaged in shipment for retesting at the manufacturer.
* stated potential solutions could include field testing (I.E. Capacitive testing, Doble Testing, ECT.)
* Manufacturers state that the potential for drift in CCVTs will occur at ZZ burden rating and the most common connected burden found is between 30VA to 50VA.
* Recommends removing testing requirements of CCVTs
* presented Key Document “ISO CCVT REQUIREMENTS”
* presented Nodal protocol section 10.6.1.2 to discuss the revision request changes.
* Stated potential language changes to NPRR 1263 may be required.
* Recommended to discuss NPRR 1263 further internally and reconvene to discuss on a future date.
  + Deniss C. (GE).
* agrees with shipment issues that will affect the integrity of the CCVTs. Stated there is no need to expose CCVTs.
* Stated GE does not have enough testing data to confirm CCVT accuracy.
* Recommended GE endurance testing as a possible solution.
* Stated further review of endurance testing is required.
  + Fernando L (GE).
* recommended excitation field testing.

* + Jorge R (TRENCH).
* stated that current field testing is not a representation of real-world accuracy testing.
* Stated it is unlikely that field testing would prove accuracy of CCVT’s.
* Stated that new technology has increased stability of CCVTs.
  + Brian C. (CENTERPOINT).
* Asked if there was any way to use field testing to prove accuracy
* Asked how far the extrapolation of endurance testing goes.
  + Jim M.(ERCOT)
* Stated he would feel more comfortable with increasing the testing requirements to 10 years with applicable field testing.
  + Kyle S. (ONCOR).
* Stated further internal discussion is required.

1. New or other business items:

* Ryan E.(ERCOT) on behalf of Brittney A.(ERCOT)
* Notification of upcoming SMOGRRs
* https://www.ercot.com/mktrules/issues/SMOGRR032
* <https://www.ercot.com/mktrules/issues/SMOGRR033>

1. Meeting Summary and Closing Remarks: Kyle S.
   * No conclusion on NPRR 1263
   * New MWG meeting will need to be scheduled to continue discussion of NPRR 1263.

1. End of Meeting