|  |  |  |  |
| --- | --- | --- | --- |
| NPRR Number | [1263](https://www.ercot.com/mktrules/issues/NPRR1263) | NPRR Title | Remove Accuracy Testing Requirements for CCVTs |
| Date Posted | | December 12, 2024 | |
|  | |  | |
| Requested Resolution | | Normal | |
| Nodal Protocol Sections Requiring Revision | | 10.6.1.2, TSP and DSP Testing Requirements for EPS Metering Facilities | |
| Related Documents Requiring Revision/Related Revision Requests | | None | |
| Revision Description | | This Nodal Protocol Revision Request (NPRR) removes the accuracy testing requirements for Coupling Capacitor Voltage Transformers (CCVTs). | |
| Reason for Revision | | [Strategic Plan](https://www.ercot.com/files/docs/2023/08/25/ERCOT-Strategic-Plan-2024-2028.pdf) Objective 1 – Be an industry leader for grid reliability and resilience  [Strategic Plan](https://www.ercot.com/files/docs/2023/08/25/ERCOT-Strategic-Plan-2024-2028.pdf) Objective 2 - Enhance the ERCOT region’s economic competitiveness with respect to trends in wholesale power rates and retail electricity prices to consumers  [Strategic Plan](https://www.ercot.com/files/docs/2023/08/25/ERCOT-Strategic-Plan-2024-2028.pdf) Objective 3 - Advance ERCOT, Inc. as an independent leading industry expert and an employer of choice by fostering innovation, investing in our people, and emphasizing the importance of our mission  General system and/or process improvement(s)  Regulatory requirements  ERCOT Board/PUCT Directive  *(please select ONLY ONE – if more than one apply, please select the ONE that is most relevant)* | |
| Justification of Reason for Revision and Market Impacts | | It is WETT's position that CCVTs have proven to be stable and reliable, as referenced in paragraph (3) of section 10.6.1.2. These devices have been in service for more than 20 years without any recorded inaccuracies. In 151 Magneto Optic Current Transformers (MOCTs) and CCVTs reported to the Meter Working Group (MWG) from 2006 to 2010, none were found to be out of tolerance.  In discussions with the CCVT manufacturer, it has been noted that any potential drift in accuracy is minimal and typically occurs at the ZZ (400Va) burden rating; typical connected burden measurements do not exceed 150Va.  Given the above, WETT believes that the current accuracy testing requirement is an unnecessary burden on the market, primarily due to the costs and logistical challenges involved in shipping CCVTs back to the manufacturer for testing. This process is further complicated by the fact that accuracy testing cannot be performed in the field, and there have been instances where CCVTs were damaged during shipment while attempting to meet these testing requirements.  Moreover, no other Independent System Operator (ISO) has instituted similar additional accuracy testing for CCVTs, as they have deemed them to be stable over time.  Therefore, WETT requests that the additional accuracy testing requirement be removed, or at a minimum, that the time period between required tests be extended to 10 years, rather than the current shorter duration. | |

|  |  |
| --- | --- |
| Sponsor | |
| Name | Tony Davis |
| E-mail Address | [tdavis@wettllc.com](mailto:tdavis@wettllc.com) |
| Company | Wind Energy Transmission Texas (WETT) |
| Phone Number |  |
| Cell Number | 512-632-8555 |
| Market Segment | Investor Owned Utility (IOU) |

|  |  |
| --- | --- |
| **Market Rules Staff Contact** | |
| **Name** | Brittney Albracht |
| **E-Mail Address** | [Brittney.Albracht@ercot.com](mailto:Brittney.Albracht@ercot.com) |
| **Phone Number** | 512-636-1852 |

|  |
| --- |
| Proposed Protocol Language Revision |

10.6.1.2 TSP and DSP Testing Requirements for EPS Metering Facilities

(1) At a minimum, the TSP and DSP EPS Meter Inspector shall conduct testing of EPS Meters on an annual basis, within the same month of each year as the previous year’s test. Metering Facilities used in the ERCOT system for settlement must be tested pursuant to the TSP or DSP tariffs, the Settlement Metering Operating Guide and these Protocols.

(2) Instrument transformers used in settlement metering circuits must be tested per the American National Standards Institute (ANSI) C12.1, Code for Electricity Metering.