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| NOGRR Number | [162](http://www.ercot.com/mktrules/issues/NOGRR162) | NOGRR Title | Process for Resolving Real-Time Data Discrepancies |

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| Date | September 2, 2016 |

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| Comments |

Garland Power and Light offers the following revisions to the 8/11/16 ERCOT comments to Nodal Operating Guide Revision Request (NOGRR) 162, Process for Resolving Real-Time Data Discrepancies. These revisions were discussed at the 9/1/16 Workshop on NOGRR162.

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| Revised Cover Page Language |

None

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| Revised Proposed Guide Language |

### 7.3.3 Data from QSEs and TSPs to ERCOT

(1) Each TSP and QSE shall provide telemetered measurements on modeled Transmission Elements as required by the Protocols and the ERCOT Nodal ICCP Communications Handbook.

(2) QSEs and TSPs shall provide Real-Time monitoring of power system quantities to ERCOT as defined in the Protocols and the ERCOT Nodal ICCP Communications Handbook. ERCOT shall work with TSPs and QSEs to determine the required data using the methodology presented in the Protocols. Transmission Element status and analog measurements that the TSPs and QSEs define in the Network Operations Model shall, at a minimum, be provided to ERCOT. Ultimately, it is the responsibility of the TSPs and QSEs to provide all data requested by ERCOT.

(3) Real-Time telemetry data from QSEs used to supply power or Ancillary Services shall be integrated by ERCOT and checked against settlement meter values on a monthly basis.

(4) Each QSE and TO shall notify ERCOT as soon as practicable when there are known telemetry data issues (telemetry data will not be available or is unreliable for operational purposes). Each QSE or TO shall address the telemetry data issue as soon as practicable. The report, as outlined in Section 9.2.2, Real-Time Data Monitor, will contain unavailability data associated with Planned Outages of RTUs.

(5) If the QSE or TO cannot resolve the telemetry data issue within two Business Days, it shall provide an estimated time of resolution. Each QSE and TO shall notify ERCOT as soon as practicable when telemetry data issue is resolved.

***7.3.4 Resolving Real-Time Data Issues that affect ERCOT Network Security Analysis***

 (1) Real-Time telemetry data issues that affect ERCOT’s Network Security Analysis (NSA) are issues that cause invalid State Estimator solutions.

(2) Manually replaced telemetry data is data entered by a QSE or TO on their systems that is transmitted to ERCOT via ICCP in place of the normal points experiencing an issue.

(3) ERCOT will notify the QSE or TO responsible for the telemetry data when a Real-Time telemetry data issue affects ERCOT Network Security Analysis (NSA). ERCOT will request each QSE or TO to address the Real-Time telemetry data issue with either manually replaced telemetry data if secondary sources are available or correction of the telemetry data issue as soon as practicable. If the QSE or TO cannot address the issue within 10 minutes of notification, the QSE or TO shall coordinate with ERCOT to verbally agree to the best assumed data value(s). The QSE or TO shall use verbally agreed data to manually replace the data point to reflect the best assumed data value(s). The QSE or TO and ERCOT shall review the manually replaced telemetry data; the QSE or TO shall update the manually replaced telemetry data to reflect the best assumed data value(s) until the Real-Time data issue is resolved.

 (3) If the QSE or TO cannot resolve the Real-Time telemetry data issue that is affecting ERCOT NSA within two Business Days, it shall provide an estimated time of resolution. Each QSE or TO shall notify ERCOT when the Real-Time telemetry data issue that was affecting ERCOT NSA is resolved.

### 7.3.5 TSP and QSE Telemetry Restoration

Real-Time telemetry data shall be restored using criteria and procedures as established by the Telemetry Standards.

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7.3.6 General Telemetry Performance Criterion

All Real-Time telemetry as required by the Protocols shall meet the State Estimator Standards and the Telemetry Standards.