

NOTICE DATE: May 4, 2010

NOTICE TYPE: M-A042710-02 PRR

SHORT DESCRIPTION: Follow-up to WGR Turbine SCADA Implementation of PRR830

INTENDED AUDIENCE: QSEs Representing WGRs and Resource Entities

DAY AFFECTED: June 1, 2010

LONG DESCRIPTION: This Notice will provide additional information regarding implementation of Wind-powered Generation Resource (WGR) telemetry for turbine availability.

Protocol Section 6.5.7.1(10) requires WGRs to provide the following Real-Time SCADA points to ERCOT via the WGR's Qualified Scheduling Entity (QSE) ICCP data link:

- The number of wind turbines that are available for real power and/or Reactive Power injection into the ERCOT Transmission Grid
- The number of wind turbines that are not able to communicate and whose status is unknown; and
- The number of wind turbines out of service and not available for operation.

WGRs are to comply with the requirements of paragraph (10) by no later than June 1, 2010.

Similar to the implementation of MET data telemetry, ERCOT prefers that these new data points be added to the Nodal ICCP telemetry set. This will forego having this data sent across both zonal and Nodal data links. For affected QSEs who will not be able to provide this data over Nodal ICCP by June 1, ERCOT requests the QSE provide an implementation plan. This plan may be sent to your ERCOT Account Manager.

Example ICCP format is as follows:

Wind Turbine Info	WT	No. of Turbines Online	NTON	INDX	DiscreteQ	ACMEWT_WNDSUB_UNIT1_NTON
		No. of Turbines Offline	NTOF	INDX	DiscreteQ	ACMEWT_WNDSUB_UNIT1_NTOF
		No. of Turbines Unknown	NTUN	INDX	DiscreteQ	ACMEWT_WNDSUB_UNIT1_NTUN

ERCOT will add these new telemetry requirements to the Nodal ICCP Handbook and other related documentation as applicable.

ACTION REQUIRED: All WGRs must begin sending the required Real-Time SCADA points via ICCP, at a frequency of 10 seconds, no later than June 1, 2010. SCADA points are to be sent via the WGR's QSE ICCP data link to ERCOT.

If the WGR's QSE is not currently able to provide this data through ICCP, the QSE should contact its ERCOT Account Manager to develop a solution.

CONTACT: If you have any questions, please contact your ERCOT Account Manager. You may also call the general ERCOT Client Services phone number at (512) 248-3900 or contact ERCOT Client Services via email at ClientRelations@ercot.com.

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