



Date: May 10, 2011
To: ERCOT Board of Directors
From: Brad Jones, Technical Advisory Committee (TAC) Chair
Subject: Unanimous Nodal Protocol Revision Requests (NPRRs)

Issue for the ERCOT Board of Directors

ERCOT Board of Directors (ERCOT Board) Meeting Date: May 17, 2011

Agenda Item No.: 6a

Issue:

Consideration of the following NPRRs unanimously recommended for approval by TAC:

- NPRR306 – Revisions to Protected Information to Include Black Start Documents Considered Critical Energy Infrastructure Information (CEII)
- NPRR310 – Expand Output Schedule Acceptable Range to Include High Sustained Limit (HSL) and Low Sustained Limit (LSL)
- NPRR350 – Change to the Security Classification of the System Ancillary Service Capacity Monitor Dashboard – URGENT
- NPRR352 – Real-Time HSL Telemetry for Wind-powered Generation Resources (WGRs) – URGENT

Background/History:

Unless otherwise noted: (i) all Market Segments were present for each vote and (ii) ERCOT Credit Staff and the Credit Work Group (CWG) have reviewed the revision request and do not believe it requires changes to credit monitoring activity or the calculation of liability.

- **NPRR306 – Revisions to Protected Information to Include Black Start Documents Considered CEII [Operations Working Group (OWG)].**
Proposed Effective Date: June 1, 2011.
ERCOT Impact Analysis: No budgetary impact; no impacts to ERCOT staffing; no impact to ERCOT computer systems; modification of ERCOT business processes; no impacts to ERCOT grid operations and practices.
Revision Description: This NPRR revises Section 1.3.6, Exceptions, to include Black Start documents that meet the definition of CEII.
TAC Decision: On April 7, 2011, TAC unanimously voted to recommend approval of NPRR306 as recommended by the Protocol Revision Subcommittee (PRS) in the March 24, 2011 PRS Report.
- **NPRR310 – Expand Output Schedule Acceptable Range to Include HSL and LSL [Tenaska].**
Proposed Effective Date: Upon System Implementation - Priority High; Rank 12.76.
ERCOT Impact Analysis: \$10 to 15k; no impacts to ERCOT staffing; impacts to Market Management System (MMS) and Settlements & Billing (S&B); no impacts to ERCOT business functions; no impacts to ERCOT grid operations and practices.
Revision Description: This NPRR updates the criteria by which Output Schedules are deemed valid to include Output Schedules that are equal in value to the Resource HSL and

LSL.

TAC Decision: On April 7, 2011, TAC unanimously voted to recommend approval of NPRR310 as recommended by PRS in the March 24, 2011 PRS Report and the revised April 6, 2011 Cost Benefit Analysis as revised by TAC.

- **NPRR350 – Change to the Security Classification of the System Ancillary Service Capacity Monitor Dashboard [Market Information System (MIS) User Group (MISUG)] – URGENT.**

Proposed Effective Date: Upon System Implementation – Priority Critical; Rank 9.22

ERCOT Impact Analysis: \$5 to 10k; no impacts to ERCOT staffing; impacts to Current Day Reporting (CDR), MIS, and ERCOT.com; no impacts to ERCOT business functions; no impacts to ERCOT grid operations and practices.

Revision Description: This NPRR proposes changing the posting category of items that make up the System Ancillary Service Capacity Monitor Dashboard from MIS Secure Area to MIS Public Area.

TAC Decision: On May 5, 2011, TAC unanimously voted to recommend approval of NPRR350 as recommended by PRS in the April 21, 2011 PRS Report with a recommended priority of Critical and rank of 9.22. Credit review is pending.

- **NPRR352 – Real-Time HSL Telemetry for WGRs [ERCOT] – URGENT.**

Proposed Effective Date: June 1, 2011.

ERCOT Impact Analysis: No budgetary impact; no impacts to ERCOT staffing; no impact to ERCOT computer systems; no impacts to ERCOT business functions; no impacts to ERCOT grid operations and practices.

Revision Description: This NPRR changes the process by which Qualified Scheduling Entities (QSEs) determine the HSLs to telemeter for WGRs. The requirement that QSEs set the HSL equal to output immediately following a release from curtailment is removed. Instead QSEs will be expected to use their best judgment to determine the output capability of the WGR with the expectation that the value will consider the net real power of the WGR, turbine availability, weather conditions, and whether the WGR output is being affected by compliance with a Security-Constrained Economic Dispatch (SCED) instruction.

TAC Decision: On May 5, 2011, TAC unanimously voted to recommend approval of NPRR352 as recommended by PRS in the April 21, 2011 PRS Report. Credit review is pending.

The TAC Reports, Impact Analyses, and Cost Benefit Analyses (if applicable) for these NPRRs are included in the ERCOT Board meeting materials which can found on the following link: <http://www.ercot.com/calendar/2011/05/20110517-BOD>.

In addition, these NPRRs and supporting materials are posted on the ERCOT website at the following link: <http://www.ercot.com/mktrules/nprotocols/npr>.

**Key Factors Influencing Issue:**

PRS met, discussed the issues, and submitted reports to TAC regarding NPRRs 306, 310, 350, and 352 described herein. TAC considered the issues and voted to take action on NPRRs 306, 310, 350, and 352 as described above.

Alternatives:

1. Approve the TAC recommendation on NPRRs 306, 310, 350 and/or 352, as described above or as modified by the ERCOT Board;
2. Reject the TAC recommendation on NPRRs 306, 310, 350 and/or 352;
3. Defer decision on the TAC recommendation on NPRRs 306, 310, 350 and/or 352; or
4. Remand NPRRs 306, 310, 350 and/or 352 to TAC with instructions.

Conclusion/Recommendation:

As more specifically described above, TAC recommends that the ERCOT Board approve NPRRs 306, 310, 350, and 352 as described herein.



ELECTRIC RELIABILITY COUNCIL OF TEXAS, INC.
BOARD OF DIRECTORS RESOLUTION

WHEREAS, the Electric Reliability Council of Texas, Inc. (ERCOT) Board of Directors (Board) deems it desirable and in ERCOT's best interest to approve the following NPRRs:

- NPRR306 – Revisions to Protected Information to Include Black Start Documents Considered Critical Energy Infrastructure Information (CEII)
- NPRR310 – Expand Output Schedule Acceptable Range to Include High Sustained Limit (HSL) and Low Sustained Limit (LSL)
- NPRR350 – Change to the Security Classification of the System Ancillary Service Capacity Monitor Dashboard
- NPRR352 – Real-Time HSL Telemetry for Wind-powered Generation Resources (WGRs)

THEREFORE be it RESOLVED, that the ERCOT Board hereby approve NPRRs 306, 310, 350 and 352.

CORPORATE SECRETARY'S CERTIFICATE

I, Bill Magness, Corporate Secretary of ERCOT, do hereby certify that, at its May 17, 2011 meeting, the ERCOT Board passed a motion approving the above Resolution by _____.

IN WITNESS WHEREOF, I have hereunto set my hand this ____ day of May, 2011.

Bill Magness
Corporate Secretary