

TAC Report

NPRR Number	636	NPRR Title	Cleanup to Remove Software Documentation Posting Requirement and Align Three-Part Supply Offer Language
Timeline	Normal	Action	Recommended Approval
Date of Decision	August 28, 2014		
Proposed Effective Date	November 1, 2014		
Priority and Rank Assigned	Not applicable.		
Nodal Protocol Sections Requiring Revision	4.2.4, ERCOT Notice of Validation Rules for the Day-Ahead 4.4.9.2.1, Startup Offer and Minimum-Energy Offer Criteria 5.3, ERCOT Security Sequence Responsibilities 6.3.4, ERCOT Notification of Validation Rules for Real-Time		
Other Binding Documents Requiring Revision or Related Revision Requests	None.		
Revision Description	<p>This Nodal Protocol Revision Request (NPRR):</p> <ol style="list-style-type: none"> 1. Removes a requirement to post software documentation and code related to validation rules to the extent that this is not Protected Information. This posting requirement was applicable prior to Nodal go-live, when ERCOT was posting requirements documents for Market Participants to prepare their systems for Nodal go-live, but there is no relevant documentation currently being produced by ERCOT's vendors that is not Protected Information. However, ERCOT does provide relevant documentation for business rule validation in the "Market Submission Validation Rules" document on the Market Information System (MIS) Secure Area and for the technical validation rules, the Extensible Markup Language (XML) specifications are posted on the ERCOT website; and 2. Aligns Section 4.4.9.2.1 with the limitations on modifying a Startup Offer or Minimum-Energy Offer for a Day-Ahead Market (DAM)-Committed Interval, which were implemented with NPRR321, Allow Change to Energy Offer Curve MW Amounts in the Adjustment Period (formerly "Allow Change to Energy Offer Curve MW Amounts in the Adjustment Period for Qualifying Facilities,") in Section 4.4.9.3, Energy Offer Curve. 		
Reason for Revision	<input type="checkbox"/> Addresses current operational issues. <input type="checkbox"/> Meets Strategic goals (tied to the ERCOT Strategic Plan or directed by the ERCOT Board).		

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	<input type="checkbox"/> Market efficiencies or enhancements <input checked="" type="checkbox"/> Administrative <input type="checkbox"/> Regulatory requirements <input checked="" type="checkbox"/> Other: Removes an outdated posting requirement. <i>(please select all that apply)</i>
Credit Work Group Review	ERCOT Credit Staff and the Credit Work Group (Credit WG) have reviewed NPRR636 and do not believe that it requires changes to credit monitoring activity or the calculation of liability.
Procedural History	<ul style="list-style-type: none"> ➤ On 6/27/14, NPRR636 and an Impact Analysis were posted. ➤ On 7/17/14, PRS considered NPRR636. ➤ On 8/14/14, PRS considered the 7/17/14 PRS Report and Impact Analysis for NPRR636. ➤ On 8/28/14, TAC considered NPRR636.
PRS Decision	<p>On 7/17/14, PRS unanimously voted to recommend approval of NPRR636 as revised by PRS. All Market Segments were present for the vote.</p> <p>On 8/14/14, PRS unanimously voted to endorse and forward the 7/17/14 PRS Report and Impact Analysis for NPRR636 to TAC. All Market Segments were present for the vote.</p>
Summary of PRS Discussion	<p>On 7/17/14, Market Participants discussed how the term “Protected Information” applies to ERCOT vs. vendor-produced code and whether this code should be posted for Market Participant use in shadowing ERCOT activities.</p> <p>On 8/14/14, there was no discussion.</p>
TAC Decision	On 8/28/14, TAC unanimously voted to recommend approval of NPRR636 as recommended by PRS in the 8/14/14 PRS Report. All Market Segments were present for the vote.
Summary of TAC Discussion	On 8/28/14, there was no discussion.
ERCOT Opinion	ERCOT supports approval of NPRR636.

Business Case	
Qualitative Benefits	<ul style="list-style-type: none"> • This NPRR eliminates unnecessary requirement/procedure and aligns Protocol language with current ERCOT systems and practices.
Quantitative Benefits	
Impact to Market Segments	None.
Credit Implications	No.

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Other	
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Sponsor	
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Market Segment	Not applicable.

Market Rules Staff Contact	
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Comments Received	
Comment Author	Comment Summary
None.	

Comments

Please note that NPRR617, Energy Offer Flexibility, also proposes revisions to Section 4.4.9.2.1.

Proposed Protocol Language Revision

4.2.4 *ERCOT Notice of Validation Rules for the Day-Ahead*

ERCOT shall provide each QSE with the information necessary to pre-validate its data for DAM, including publishing validation rules for offers, bids, and trades. ~~and posting any software documentation and code that is not Protected Information to the MIS Secure Area within five Business Days after ERCOT receives it.~~

4.4.9.2.1 *Startup Offer and Minimum-Energy Offer Criteria*

- (1) Each Startup Offer and Minimum-Energy Offer must be reported by a QSE and must include the following information:

Comment [CP1]: Please note that NPRR617 also proposes revisions to this section.

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- (a) The selling QSE;
 - (b) The Resource represented by the QSE from which the offer would be supplied;
 - (c) The Resource's hot, intermediate, and cold Startup Offer in dollars;
 - (d) The Resource's Minimum-Energy Offer in dollars per MWh;
 - (e) The first and last hour of the Startup and Minimum-Energy Offers
 - (f) The expiration time and date of the offer;
 - (g) Percentage of the FIP to the extent that the startup and minimum energy will be supplied by gas to determine the offer cap; and
 - (h) Percentage of the FOP to the extent that the startup and minimum energy will be supplied by oil to determine the offer cap.
- (2) Valid Startup Offers and Minimum-Energy Offers (which must be part of a Three-Part Supply Offer) must be received before 1000 for the effective DAM and DRUC.
- (3) A QSE may update and submit a Startup Offer and/or and Minimum-Energy Offer ~~Three-Part Supply Offer~~ for a Resource during the Adjustment Period for any hours in which the Resource is not DAM- or RUC-committed before the offer is updated or submitted.
- (4) The Resource's Startup Offer must be equal to or less than the Resource Category Generic Startup Cost for that type of Resource listed in Section 4.4.9.2.3, Startup Offer and Minimum-Energy Offer Generic Caps, unless ERCOT has approved verifiable Resource-specific startup costs for that Resource, under Section 4.4.9.2.4, Verifiable Startup Offer and Minimum-Energy Offer Caps, in which case the Resource's Startup Offer must be equal to or less than those approved verifiable Resource-specific startup costs.
- (5) The Resource's Minimum-Energy Offer must be equal to or less than the Resource Category Generic Minimum-Energy Cost for that type of Resource listed in Section 4.4.9.2.3 unless ERCOT has approved verifiable Resource-specific minimum-energy costs for that Resource, under Section 4.4.9.2.4 in which case the Resource's Minimum-Energy Offer must be equal to or less than those approved verifiable Resource-specific minimum-energy costs.
- (6) Prior to 1000 for the effective DAM, a QSE may submit and update a Three-Part Supply Offer for a Resource for any hours which were Weekly Reliability Unit Commitment (WRUC)-instructed.

5.3 ERCOT Security Sequence Responsibilities

- (1) ERCOT shall start the Day-Ahead Reliability Unit Commitment (DRUC) process at 1430 in the Day-Ahead.

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- (2) For each DRUC, ERCOT shall use a snapshot of Resource commitments taken at 1430 in the Day-Ahead for Reliability Unit Commitment (RUC) Settlement. For each Hourly Reliability Unit Commitment (HRUC), ERCOT shall use a snapshot of Resource commitments from each Qualified Scheduling Entity's (QSE's) most recently submitted Current Operating Plan (COP) before HRUC execution for RUC Settlement.
- (3) For each RUC process, ERCOT shall:
 - (a) Execute the Security Sequence described in Section 5.5, Security Sequence, Including RUC, including:
 - (i) Validating Three-Part Supply Offers, defined in Section 4.4.9.1, Three-Part Supply Offers; and
 - (ii) Reviewing the Resource commitment recommendations made by the RUC algorithm; and
 - (b) Post to the Market Information System (MIS) Secure Area, all Resources that were committed or decommitted by the RUC process including verbal RUC commitments and decommitments and Weekly Reliability Unit Commitment (WRUC) instructions;
 - (c) Post to the MIS Public Area, all active and binding transmission constraints (contingency and overloaded element pair information where available) used as inputs to the RUC; and
 - (d) Issue Dispatch Instructions to notify each QSE of its Resource commitments or decommitments.
- (4) ERCOT shall provide each QSE with the information necessary to pre-validate their data for DRUC and HRUC, including publishing validation rules for offers, bids, and trades.
 - ~~(a) Publishing validation rules for offers, bids, and trades; and~~
 - ~~(b) Posting any software documentation and code that is not Protected Information to the MIS Secure Area within five Business Days of receipt by ERCOT.~~

6.3.4 ERCOT Notification of Validation Rules for Real-Time

ERCOT shall provide each QSE with the information necessary to pre-validate its data for Real-Time operations, including publishing validation rules for offers, bids, and trades, ~~and posting any software documentation and code that is not Protected Information to the MIS Secure Area within five Business Days after receipt by ERCOT.~~