From:	ERCOT Client Services
Sent:	Friday, May 5, 2023 4:24 PM
To:	Notice_PRR_SCR@lists.ercot.com; Notice_Operations@lists.ercot.com; Notice_Settlements@lists.ercot.com
Cc:	Ercot Account Managers; Market Support Services
Subject:	M-B050523-01 Implementation Details of NPRR863 and NPRR1085
Attachments:	Implementation of NPRR 863 and NPRR1085 (003).docx

NOTICE DATE: May 5, 2023

NOTICE TYPE: M-B050523-01 NPRR

SHORT DESCRIPTION: Implementation Details of NPRR863 and NPRR1085

INTENDED AUDIENCE: All Market Participants

DAYS AFFECTED: June 6-8, 2023

LONG DESCRIPTION: On June 6 - 8, 2023, Protocol language associated with Nodal Protocol Revision Request (NPRR) 863 Creation of ERCOT Contingency Reserve Service (ECRS) and Revisions to Responsive Reserve, and NPRR1085, Ensuring Continuous Validity of Physical Responsive Capability (PRC) and Dispatch through Timely Changes to Resource Telemetry and Current Operating Plans (COPs).

NPRR863 introduces the following changes to the following Protocol Sections:

- 4.6.2.3.1, Day-Ahead Make-Whole Payment – Revision to Day-Ahead Make-Whole Revenue calculation for each DAM-Committed Generation Resource (DAASREV) to include ECRS
- 4.6.4.1.5, ERCOT Contingency Reserve Service Payment – Creation of new Charge Type for Payments for Ancillary Services Procured in the Day-Ahead Market (DAM) for ECRS
- 4.6.4.2.5, ERCOT Contingency Reserve Charge Creation of new Charge Type for Charges for ECRS procured in the DAM
- 6.6.5.1.1, General Generation Resource and Controllable Load Resource Base Point Deviation Charge Creation of a new system wide exemption for ECRS
- 6.7.1, Payments for Ancillary Service Capacity Sold in a Supplemental Ancillary Services Market (SASM) or Reconfiguration Supplemental Ancillary Services Market (RSASM) – Creation of new Charge Type for ECRS
- 6.7.2, Payments for Ancillary Service Capacity Assigned in Real-Time Operations – Creation of new payment for ECRS
- 6.7.2.1, Charges for Infeasible Ancillary Service Capacity Due to Transmission Constraints – Creation of new Charge Type for ECRS
- 6.7.3, Charges for Ancillary Service Capacity Replaced Due to Failure to Provide – Creation of new Charge Type for ECRS
- 6.7.4, Adjustments to Cost Allocations for Ancillary Services Procurement – Creation of new Charge Type for ECRS
- 6.7.5, Real-Time Ancillary Service Imbalance Payment or Charge – Revision to the calculations of Real-Time Capacity for Non-Controllable Load Resources carrying ERCOT Contingency Reserve or Responsive Reserve for the Qualified Scheduling Entity (QSE)

(RTNCLRCAP) and Real-Time Ancillary Service Supply Responsibility for Reliability Must-Run (RMR) Units represented by the QSE (RTRMRRESP) to include ECRS
- 6.7.7, Adjustments to Net Cost Allocations for Real-Time Ancillary Services – Creation of new charge for ECRS

NPRR1085 introduces the following changes to the following Protocol Sections:

- 6.7.5, Real-Time Ancillary Service Imbalance Payment or Charge – Revision to Real-Time On-Line Reserve Capacity for the QSE (RTOLCAP) to exclude the capacity from Generation Resources with a telemetered status of ONHOLD

New Settlement Billing Determinants:

Billing Determinant	Short Description	Extract	Extract Table
MCPCECR	Market Clearing Price for Capacity for ERCOT Contingency Reserve Service by market	DAM MODE	MKTINPUTHEADER MKTINPUTINTERVAL
PCECRR	Procured Capacity for ERCOT Contingency Reserve Service from Resource per Resource per QSE by market	DAM CODE	MKTINPUTHEADER MKTINPUTINTERVAL
PCECR	Procured Capacity for ERCOT Contingency Reserve Service per QSE in DAM	DAM CODE	DAMOUTPUTHEADER DAMOUTPUTINTERVAL
PCECRAMT	Procured Capacity for ERCOT Contingency Reserve Service Amount per QSE in DAM	DAM CODE	DAMOUTPUTHEADER DAMOUTPUTINTERVAL
PCECRAMTTOT	Procured Capacity for ERCOT Contingency Reserve Amount Total in DAM	DAM MODE	DAMOUTPUTHEADER DAMOUTPUTINTERVAL
DAECRO	Day-Ahead ERCOT Contingency Reserve Obligation per QSE	DAM CODE	MKTINPUTHEADER MKTINPUTINTERVAL
DASAECRQ	Day-Ahead Self-Arranged ERCOT Contingency Reserve Quantity per QSE	DAM CODE	MKTINPUTHEADER MKTINPUTINTERVAL

DAECRQ	Day-Ahead ERCOT Contingency Reserve Quantity per QSE	DAM CODE	DAMOUTPUTHEADER DAMOUTPUTINTERVAL
DAECRQTOT	Day-Ahead ERCOT Contingency Reserve Quantity Total	DAM MODE	DAMOUTPUTHEADER DAMOUTPUTINTERVAL
DAECRPR	Day-Ahead ERCOT Contingency Reserve Price	DAM MODE	DAMOUTPUTHEADER DAMOUTPUTINTERVAL
DAECRAMT	Day-Ahead ERCOT Contingency Reserve Amount per QSE	DAM CODE	DAMOUTPUTHEADER DAMOUTPUTINTERVAL
RTPCECR	Procured Capacity for ERCOT Contingency Reserve Service by QSE by market	RTM CODE	RTMOUTPUTHEADER RTMOUTPUTINTERVAL
RTPCECRAMT	Procured Capacity for ERCOT Contingency Reserve Service Amount by QSE by market	RTM CODE	RTMOUTPUTHEADER RTMOUTPUTINTERVAL
ECRINFQ	ERCOT Contingency Reserve Service Infeasibility Quantity per QSE	RTM CODE	MKTINPUTHEADER MKTINPUTINTERVAL
ECRINFQAMT	ERCOT Contingency Reserve Service Infeasible Quantity Amount per QSE	RTM CODE	RTMOUTPUTHEADER RTMOUTPUTINTERVAL
RECRFQ	Reconfiguration ERCOT Contingency Reserve Service Failure Quantity per QSE	RTM CODE	MKTINPUTHEADER MKTINPUTINTERVAL
ECRFQ	ERCOT Contingency Reserve Service Failure Quantity per QSE	RTM CODE	MKTINPUTHEADER MKTINPUTINTERVAL
RECRFQAMT	Reconfiguration ERCOT Contingency Reserve Service Failure Quantity Amount per QSE	RTM CODE	RTMOUTPUTHEADER RTMOUTPUTINTERVAL
ECRFQAMT	ERCOT Contingency Reserve Service Failure Quantity Amount per QSE	RTM CODE	RTMOUTPUTHEADER RTMOUTPUTINTERVAL

ECRFQAMTQSETOT	ERCOT Contingency Reserve Service Failure Quantity Amount per QSE	RTM CODE	RTMOUTPUTHEADER RTMOUTPUTINTERVAL
ECRINFQAMTTOT	ERCOT Contingency Reserve Service Infeasible Quantity Amount Total	RTM MODE	RTMOUTPUTHEADER RTMOUTPUTINTERVAL
RTPCECRAMTQSETOT	Procured Capacity for ERCOT Contingency Reserve Service Amount Total per QSE	RTM CODE	RTMOUTPUTHEADER RTMOUTPUTINTERVAL
ECRFQAMTTOT	ERCOT Contingency Reserve Service Failure Quantity Amount Total	RTM MODE	RTMOUTPUTHEADER RTMOUTPUTINTERVAL
RTPCECRAMTTOT	Procured Capacity for ERCOT Contingency Reserve Service Amount Total by market	RTM MODE	RTMOUTPUTHEADER RTMOUTPUTINTERVAL
ECRCOSTTOT	ERCOT Contingency Reserve Service Cost Total	RTM MODE	RTMOUTPUTHEADER RTMOUTPUTINTERVAL
SAECRQ	Total Self-Arranged ERCOT Contingency Reserve Service Quantity per QSE for all markets	RTM CODE	RTMOUTPUTHEADER RTMOUTPUTINTERVAL
RTSAECRQ	Self-Arranged ERCOT Contingency Reserve Service Quantity per QSE for all SASMs	RTM CODE	MKTINPUTHEADER MKTINPUTINTERVAL
ECRO	ERCOT Contingency Reserve Service Obligation per QSE	RTM CODE	RTMOUTPUTHEADER RTMOUTPUTINTERVAL
ECRQ	ERCOT Contingency Reserve Service Quantity per QSE	RTM CODE	RTMOUTPUTHEADER RTMOUTPUTINTERVAL
ECRQTOT	ERCOT Contingency Reserve Service Cost Total	RTM MODE	RTMOUTPUTHEADER RTMOUTPUTINTERVAL
ECRPR	ERCOT Contingency Reserve Service Price	RTM MODE	RTMOUTPUTHEADER RTMOUTPUTINTERVAL

ECRCOST	ERCOT Contingency Reserve Service Cost per QSE	RTM CODE	RTMOUTPUTHEADER RTMOUTPUTINTERVAL
RTECRAMT	Real-Time ERCOT Contingency Reserve Service Amount Per QSE	RTM CODE	RTMOUTPUTHEADER RTMOUTPUTINTERVAL
HECRADJ	Ancillary Service Resource Responsibility Capacity for ERCOT Contingency Reserve Service at Adjustment Period	RTM CODE	MKTINPUTHEADER MKTINPUTINTERVAL
RTNCLRECRSR	Real-Time Non-Controllable Load Resource ERCOT Contingency Reserve	RTM CODE	MKTINPUTHEADER MKTINPUTINTERVAL
RTNCLRECRS	Real-Time Non-Controllable Load Resource ERCOT Contingency Reserve for the QSE	RTM CODE	RTMOUTPUTHEADER RTMOUTPUTINTERVAL
STATUSONHOLD	Telemetered Status On-Hold Flag	RTM CODE	MKTINPUTHEADER MKTINPUTINTERVAL
ECRSFLAG	ERCOT Contingency Reserve Service Flag	RTM MODE	MKTINPUTHEADER MKTINPUTINTERVAL

ACTION REQUIRED: Impacted Market Participants should implement changes to their shadow Settlement systems to incorporate the Protocol revisions made by NPRR863 and NPRR1085.

ADDITIONAL INFORMATION: Pursuant to Nodal Protocol Section 21.6, Nodal Protocol Revision Implementation, ERCOT is required to provide notice as soon as practicable, but no later than ten days prior to implementation.

NPRR863 and NPRR1085 and their associated documents can be found on the ERCOT website.

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 ClientServices@ercot.com.

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