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| NPRR Number | [1072](http://www.ercot.com/mktrules/issues/NPRR1072) | NPRR Title | Post Pre-Assigned Congestion Revenue Right (PCRR) Allocation Results to the ERCOT Website |
| Date Posted | March 31, 2021 |
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| Requested Resolution  | Normal |
| Nodal Protocol Sections Requiring Revision  | 7.5.1, Nature and Timing7.5.3, ERCOT Responsibilities |
| Related Documents Requiring Revision/Related Revision Requests | None |
| Revision Description | This Nodal Protocol Revision Request (NPRR) requires ERCOT to post Pre-Assigned Congestion Revenue Right (PCRR) allocation results to the ERCOT website. |
| Reason for Revision |  Addresses current operational issues. Meets Strategic goals (tied to the [ERCOT Strategic Plan](http://www.ercot.com/content/wcm/lists/144926/ERCOT_Strategic_Plan_2019-2023.pdf) or directed by the ERCOT Board). Market efficiencies or enhancements Administrative Regulatory requirements Other: (explain)*(please select all that apply)* |
| Business Case | Currently PCRR common allocation results are only posted on the Market User Interface for Market Participants. This NPRR requires ERCOT to post the data on the ERCOT website, making the CRR energy market more transparent to all CRR participants.  The data is already available to all Market Participants but putting it under the Market User Interface makes it difficult to access and less obvious that the data is available.  Yes Energy is a data provider that helps make the markets more transparent.  We currently have more than 200 companies that participate in ERCOT and more than 150 users that participate in ERCOT CRRs. Many of our customers would like access to this data.  |

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| Market Rules Notes |

None

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| Proposed Protocol Language Revision |

7.5.1 Nature and Timing

(1) The Congestion Revenue Right (CRR) Auction auctions the available network capacity of the ERCOT transmission system not allocated as described in Section 7.4, Preassigned Congestion Revenue Rights Overview, or sold in a previous auction. The CRR Auction also allows CRR Owners an opportunity to offer for sale CRRs that they hold. Each CRR Auction allows for the purchase of CRR products as described in paragraph (5) of Section 7.3, Types of Congestion Revenue Rights to Be Auctioned, in strips of one or more consecutive months and allows for the reconfiguration of all CRR blocks that were previously awarded for the months covered by that CRR Auction.

(2) The CRR Network Model must be based on, but is not the same as, the Network Operations Model. For the purposes of CRR Network Model construction for a CRR Long-Term Auction Sequence, ERCOT may, at its sole discretion, utilize the same or similar CRR Network Model inputs for multiple consecutive months. The CRR Network Model must, to the extent practicable, include the same topology, contingencies, and operating procedures as used in the Network Operations Model as reasonably expected to be in place for each month. The expected network topology used in the CRR Network Model for any month or set of months must include all Outages from the Outage Scheduler and identified by ERCOT as expected to have a significant impact upon transfer capability during that time. These Outages included in the CRR Network Model shall be posted on the Market Information System (MIS) Secure Area consistent with model posting requirements by ERCOT with accompanying cause and duration information, as indicated in the Outage Scheduler. Transmission system upgrades and changes must be accounted for in the CRR Network Model for CRR Auctions held after the month in which the element is placed into service.

(a) ERCOT shall use Dynamic Ratings in the CRR Network Model as required under Section 3.10.8, Dynamic Ratings.

(b) The CRR Network Model must use the peak Load conditions of the month or set of months being modeled.

(c) ERCOT’s criteria for determining if an Outage should be in the CRR Network Model shall be in accordance with these Protocols and described in the Operating Guides.

(3) ERCOT shall model bids and offers into the CRR Auction as flows based on the MW offer and defined source and sink. When the Simultaneous Feasibility Test (SFT) is run, the model must weight the power flow buses and Hub Buses included in a Hub or Load Zone appropriately to determine the system impacts of the CRRs.

(a) To distribute injections and withdrawals to buses within a Hub, ERCOT shall use distribution factors specified in Section 3.5.2, Hub Definitions.

(b) To distribute injections and withdrawals to power flow buses in Load Zones, ERCOT shall use the Load-weighted distribution factors for On-Peak Hours in each Load Zone. For a CRR Monthly Auction, ERCOT shall derive CRR Auction Load distribution factors with the set of Load distribution factors constructed in accordance with the ERCOT Load distribution factor methodology specified in paragraph (5) of Section 4.5.1, DAM Clearing Process, for use in the Day-Ahead Market (DAM). For a CRR Long-Term Auction Sequence, ERCOT shall derive CRR Auction Load distribution factors from the corresponding planning model or with the set of Load distribution factors constructed in accordance with the ERCOT Load distribution factor methodology specified in paragraph (5) of Section 4.5.1, for use in the DAM. ERCOT shall notify the market as to which method was used for each CRR Network Model in a CRR Long-Term Auction Sequence in the corresponding auction notice. ERCOT shall post the CRR Auction Load distribution factors as part of the CRR Network Model pre-auction posting. Private Use Network net Load will be redacted from this posting.

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| ***[NPRR1004: Replace paragraph (b) above with the following upon system implementation:]***(b) To distribute injections and withdrawals to power flow buses in Load Zones, ERCOT shall use the Load-weighted distribution factors for On-Peak Hours in each Load Zone. For CRR Auctions and allocations, ERCOT shall derive Load distribution factors with the set of Load distribution factors constructed in accordance with the ERCOT Load distribution factor methodology specified in paragraph (c) of Section 3.12, Load Forecasting. ERCOT shall post the CRR Auction Load distribution factors as part of the CRR Network Model pre-auction posting. Private Use Network net Load will be redacted from this posting.  |

(4) ERCOT shall conduct CRR Auctions as follows:

(a) The CRR Monthly Auction, held once per calendar month, shall include the sale of one-month terms of Point-to-Point (PTP) Options and PTP Obligations for the month immediately following the month during which the CRR bid submission window closes.

(b) Twice per year, a CRR Long-Term Auction Sequence shall be held, selling PTP Options and PTP Obligations, subject to the following constraints:

(i) Each CRR Long-Term Auction Sequence shall consist of six successive CRR Auctions, each of which offers for sale CRRs spanning a term of six consecutive calendar months (either January through June, or July through December). In each such CRR Auction, CRRs shall be offered in one-month strips or in strips of up to six consecutive months within the term covered by the auction.

(ii) The CRR Long-Term Auction Sequence shall operate in chronological order, first providing a CRR Auction covering the next six-month (January through June, or July through December) period that has not yet commenced, and then five successive CRR Auctions for the five six-month periods thereafter.

(c) No later than April 1 of each calendar year, ERCOT shall publish an update to the CRR activity calendar on the ERCOT website, with the following requirements:

(i) The calendar shall include activity dates for all CRR Monthly Auctions, all CRR Auctions that are part of a CRR Long-Term Auction Sequence, and all Pre-Assigned Congestion Revenue Right (PCRR) allocations for the remainder of the current calendar year and for the two subsequent calendar years.

(ii) Any posted date on the CRR activity calendar shall only be modified if ERCOT determines that the successful execution of the auction would be jeopardized without such modification. If a delay in completion of a CRR Auction that is part of a CRR Long-Term Auction Sequence results in a condition whereby an overlap of credit posting requirements for consecutive CRR Auctions within that sequence would occur, subsequent CRR Auctions within the sequence shall be delayed by the minimum amount of time required to relieve such overlap. For any changes to the posted auction activity dates, ERCOT will send a Market Notice to provide the new date(s) and to explain the need for the change.

(iii) The CRR activity calendar must be approved by the Wholesale Market Subcommittee (WMS) prior to the annual posting.

(5) For each CRR Auction, the CRR Auction Capacity shall be defined as follows:

(a) For the CRR Monthly Auction, 90%.

(b) For any CRR Auction that is part of a CRR Long-Term Auction Sequence, 70%, 55%, 40%, 30%, 20%, or 10% for the first, second, third, fourth, fifth, and sixth six-month windows sold in the sequence, respectively.

(6) For any month covered by a CRR Auction that is part of a CRR Long-Term Auction Sequence, ERCOT shall offer network capacity equal to:

(a) The expected network topology for that month, scaled down to the CRR Auction Capacity percentage; minus

(b) All outstanding CRRs that were previously allocated for the month, scaled down to the CRR Auction Capacity percentage; minus

(c) All outstanding CRRs that were previously awarded for the month in any previous CRR Auction.

(7) For the CRR Monthly Auction, ERCOT shall offer network capacity equal to the difference between:

(a) The expected transmission network topology in the CRR Network Model of the month for which the CRRs are effective scaled down to the CRR Auction Capacity percentage; and

(b) All outstanding CRRs that were previously awarded or allocated for the month.

7.5.3 ERCOT Responsibilities

(1) ERCOT shall:

(a) Manage the qualification and registration of eligible CRR Account Holders;

(b) Post calendar of CRR Auctions;

(c) Initiate, direct, and oversee the CRR Auction;

(d) Post CRR Auction results;

(e) Post PCRR allocation results;

(f) Maintain a record of the CRRs;

(g) Provide a mechanism to record CRR bilateral transactions;

(h) Determine CRR Auction Settlement and distribute auction revenues;

(i) Keep, under the ERCOT data retention policy, all information and tools necessary to reproduce CRR calculations; and

(j) Post CRR Network Model of the effective month of the auction on the MIS Secure Area, before each CRR Auction:

(i) For the CRR Monthly Auction, the model shall be posted no later than ten Business Days before the auction.

(ii) For any CRR Long-Term Auction Sequence, the models shall be posted no later than 20 Business Days before the sequence commences.

(2) ERCOT shall use the CRR Network Model as defined in Section 3.10.3, CRR Network Model.

(3) ERCOT shall develop and maintain a CRR guide to help Market Participants with the CRR program.

(4) Before each auction, ERCOT shall establish a credit limit under Section 16, Registration and Qualification of Market Participants, that is imposed in the CRR Auction.

(5) Five Business Days prior to the credit lock for each CRR Auction, ERCOT shall post on the ERCOT website the credit related path-specific DAM-based adders and the historical CRR Auction clearing prices as applicable in support of the credit adders defined in Section 7.5.5.3, Auction Process, for the existing CRR Inventory.