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| SCR Number | [833](https://www.ercot.com/mktrules/issues/SCR833) | SCR Title | Increase CRR Transaction Capability |
| Date Posted | | July 18, 2025 | |
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| Requested Resolution | | Normal | |
| Supporting Protocol or Guide Sections/Related Documents | | 7.5.2, CRR Auction Offers and Bids | |
| System Change Description | | This System Change Request (SCR) increases the total Congestion Revenue Right (CRR) transaction limit to 600,000 market transactions for CRR Account Holders during CRR Auctions. This SCR requires improvements to the CRR software and enhancements to downstream systems to ensure that they can properly handle the increased transaction volume. | |
| Reason for Revision | | [Strategic Plan](https://www.ercot.com/files/docs/2023/08/25/ERCOT-Strategic-Plan-2024-2028.pdf) Objective 1 – Be an industry leader for grid reliability and resilience  [Strategic Plan](https://www.ercot.com/files/docs/2023/08/25/ERCOT-Strategic-Plan-2024-2028.pdf) Objective 2 - Enhance the ERCOT region’s economic competitiveness with respect to trends in wholesale power rates and retail electricity prices to consumers  [Strategic Plan](https://www.ercot.com/files/docs/2023/08/25/ERCOT-Strategic-Plan-2024-2028.pdf) Objective 3 - Advance ERCOT, Inc. as an independent leading industry expert and an employer of choice by fostering innovation, investing in our people, and emphasizing the importance of our mission  General system and/or process improvement(s)  Regulatory requirements  ERCOT Board/PUCT Directive  *(please select ONLY ONE – if more than one apply, please select the ONE that is most relevant)* | |
| Justification of Reason for Revision and Market Impacts | | CRR transaction limits have been present since the Nodal market inception and continue to have a material impact on the amount of submitted transactions. Today, the total transaction limit for each CRR Auction ranges between 325,000 and 475,000. This limit was exceeded on following auctions:   |  |  | | --- | --- | | Auction | Date | | (1) 2025.1st6.AnnualAuction.Seq1 | 10/17/2024 | | (2) 2025.1st6.AnnualAuction.Seq2 | 5/16/2024 | | (3) 2024.2nd6.AnnualAuction.Seq1 | 4/18/2024 | | (4) 2027.1st6.AnnualAuction.Seq1 | 7/17/2025 |   This SCR could help prevent this from occurring by increasing the total transaction limit to 600,0000.  Avoiding the transaction adjustment period fosters greater participation and improves the overall effectiveness of the CRR market. These benefits include the following:   * Improved pricing for products - CRR Account Holders can provide a more robust set of price sensitive bids and offers and therefore price paths more efficiently, which would improve price formation and convergence between sequential markets. * More cleared transactions - The adjustment period limits may reduce the number of transactions that are finally cleared within the CRR Auction. The SCR would help alleviate this sub-optimal outcome, which could increase CRR Auction revenues that are distributed to loads. * System enhancement - should result in overall improved ERCOT system performance. | |

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| Sponsor | |
| Name | Kathy Ling |
| E-mail Address | [k.ling@xgeneratorlabs.com](mailto:k.ling@xgeneratorlabs.com) |
| Company | XCOM Generator Labs, LLC |
| Phone Number |  |
| Cell Number | 312-724-7176 |
| Market Segment | Not applicable |

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| **Market Rules Staff Contact** | |
| **Name** | Cory Phillips |
| **E-Mail Address** | [cory.phillips@ercot.com](mailto:cory.phillips@ercot.com) |
| **Phone Number** | 512-248-6464 |

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| Proposed System Change |

**Issue:**

The current number of total transactions that can be managed by the Congestion Revenue Right (CRR) Auction systems and processes is limited to range of 325,000 to 475,000. This limitation can lead to the CRR transaction adjustment period, which can significantly restrict the ability of CRR Account Holders to participate in CRR Auctions. Increasing the transaction limit to 600,000 will help avoid this from occurring. The change will not only require changes to the CRR Auction software, but will also require testing of and enhancements to the downstream systems.

**Resolution:**

The resolution is to increase the aggregate transaction limit to 600,000. This change will require changes to the CRR software to increase the size of tables used for the auction and to improve performance of the data feeder during auction execution. Also, downstream systems will have to be tested to ensure that the likely increase in data volume does not have negative impacts.