



**Potential Price Correction for  
Operating Day March 29, 2025 –  
Generic Transmission Constraint  
Incorrectly Being Considered in  
SCED**

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# Background

- On March 27, 2025, during a routine software release update for the Energy Management System (EMS), a configuration parameter was inadvertently reset to its default value resulting in a more restrictive limitation. As a result, a post-contingency overload on the Generic Transmission Constraint (GTC) was activated such that it impacted the optimization of Security-Constrained Economic Dispatch (SCED). At times, the constraint reached its maximum shadow price of \$5,251 per megawatt hour (MWh).
- The issue impacted intervals on both March 28 and March 29, 2025, however ERCOT was able to correct prices within the 2-business day deadline for Operating Day March 28. ERCOT was not able to correct prices for March 29 within the 2-business day timeframe.
- Market Notice [M-B040225-01](#) was issued on April 2, 2025, notifying the market of the issue and ERCOT's intent, upon completion of impact analysis, to seek ERCOT Board of Directors (Board) approval for price correction as specified by ERCOT Protocol Section 6.3(7)(b) for the Real-Time Market (RTM).
- Market Notice [M-A051525-01](#) was issued on May 15, 2025, notifying the market of the price impact results and ERCOT's intent to seek Board review.

# RTM Impact Analysis

- ERCOT Protocols Section 6.3(7)(b) requires that the absolute value impact to any single Counter-Party (CP) meet one of the following two criteria before seeking approval from the Board.
  - i. 2% and also greater than \$20,000; or
  - ii. 20% and also greater than \$2,000.
- ERCOT determined that Operating Day (OD) March 29, 2025, met criteria for significance for the Real-Time Market (RTM).

Operating Day	Counter-Parties meeting criteria in Protocol Section 6.3(7)(b)(i)	Counter-Parties meeting criteria in Protocol Section 6.3(7)(b)(ii)
3/29/2025	12	12

# RTM Impact Analysis

- The maximum absolute value impact to Counter-Parties is shown here:

Operating Day	Maximum Amount	Maximum Percentage for Criteria (i)*	Maximum Percentage for Criteria (ii)**
3/29/2025	\$99,580.31	49.37%	98.30%

\* The maximum of percentage change to any single Counter-Party with impact more than \$20,000

\*\* The maximum of percentage change to any single Counter-Party with impact more than \$2,000

- The maximum estimated change in charges due to ERCOT is shown here:

Operating Day	Change in Statement Charges Due to ERCOT	
3/29/2025	\$(81,858.24)	0.37%

Negative amounts are increased payments to Market Participants; positive amounts are increased charges. The percent amount is the absolute value of the percent impact to the previously settlement net amount due to/from ERCOT.

## Next Steps

- ERCOT will seek approval to correct RTM prices for OD March 29, 2025, at the Board meeting on June 24, 2025.