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**MSRS Report Format Documentation**

**Regulation Market Credits**

**Version 1**

Revision History

|  |  |  |
| --- | --- | --- |
| **DATE** | **Revision** | **Description** |
| 8/1/2025 | 1 | Initial Distribution |

# Report

**MSRS** Report Name: Regulation Market Credits

Report short name for User Interface: Regulation Market Credits

Download File Name Abbreviation: RegMktCr

Data Granularity: Sub-hourly

Frequency: Updated daily

Range Displayed on Report: Start Date through End Date

# Supported Billing Line Items

In order to support reconciliation of the transferred Billing Line Item amount, the “To” Company of a Billing Line Item Transfer may view supporting MSRS report details pertaining to the counterparty for the period spanning the approved Billing Line Item Transfer.

* Regulation and Frequency Response Service Credit (2340)

# Report Content Summary

This report displays the customer account’s 5-minute Regulation Market Clearing Price Credits for generation units and load response registrations. The credits in this report do not reflect the customer account’s share of jointly owned resources. All owners will see the full credit assigned to the resource.

# Summary of Changes and Special Logic

# Report Columns

The following columns will appear in the body of the report:

|  |  |  |  |
| --- | --- | --- | --- |
| **Online and CSV Column Name** | **XML Column Name** | **Column Number** | **Data Type** |
| Customer ID | CUSTOMER\_ID | 4000.01 | INTEGER |
| Customer Code | CUSTOMER\_CODE | 4000.02 | VARCHAR2(6) |
| EPT Interval Ending | EPT\_INTERVAL\_ENDING | 4001.4 | VARCHAR2(40)  mm/dd/yyyy HH24:MM format  (Displays first interval of the day as hour 0 minute 05 and last interval of the day as hour 24 minute 00) |
| GMT Interval Ending | GMT\_INTERVAL\_ENDING | 4001.41 | VARCHAR2(40)  mm/dd/yyyy HH24:MM format  (Displays first interval of the day in relation to EPT interval as hour 04 minute 05 or hour 05 minute 05 (EDT/EST depending) and last interval of the day as hour 04 minute 00 of the next day or hour 05 minute 00 of the next day (EDT/EST depending)) |
| Market Resource ID | MRKT\_RESRC\_ID | 4001.16 | NUMBER(15,0) |
| Market Resource Name | MRKT\_RESRC\_NAME | 4001.17 | VARCHAR2(75) |
| Market Resource Type | MRKT\_RESRC\_TYPE | 4001.18 | VARCHAR2(10)  See possible values below |
| Resource Ownership Share | RESRC\_OWN\_SHARE | 4001.19 | NUMBER |
| Regulation Product Type | REG\_PRODUCT\_TYPE | 4001.38 | VARCHAR(30)  See possible values below |
| PJM-Assigned Reg MW | PJM\_ASSIGNED\_REG\_MW | 2340.63 | NUMBER |
| Self-Scheduled Reg MW | SELF\_SCHEDULED\_REG\_MW | 2340.64 | NUMBER |
| Actual Mileage | ACTUAL\_MILEAGE | 2340.57 | NUMBER |
| Historic Mileage | HISTORICAL\_MILEAGE | 2340.58 | NUMBER |
| Mileage Ratio | MILEAGE\_RATIO | 2340.46 | NUMBER |
| Performance Score | PERF\_SCORE | 2340.35 | NUMBER |
| RMCCP ($/MWh) | RMCCP | 3001.44 | NUMBER |
| RMMCP ($/MWh) | RMMCP | 3001.64 | NUMBER |
| RMCCP Credit ($) | RMCCP\_CREDIT | 2340.36 | NUMBER |
| RMMCP Credit ($) | RMMCP\_CREDIT | 2340.48 | NUMBER |
| Total Regulation Clearing Price Credits ($) | TOT\_RMCP\_CREDIT | 2340.49 | NUMBER |
| Version | VERSION | 4000.07 | VARCHAR2(12) |

Market Resource Types: GEN or LOADRESP

Regulation Product Type: Regulation

# CSV Report Example

See Excel file titled “Regulation Market Credits CSV Format.csv”

# XML Report Example

See XML file titled “Regulation Market Credits XML Format.xml”

# Supporting Calculations

Mileage Ratio (2340.46) = Actual Mileage (2340.57) / Historic Mileage (2340.58)

If Performance Score (2340.35) < .25, then

RMCCP Credit (2340.36) = 0

RMMCP Credit (2340.48) = 0

Total Regulation Clearing Price Credits (2340.49) = 0

If Performance Score (2340.35) >= .25, then

RMCCP Credit = (PJM-Assigned Reg + Self-Scheduled Reg) \* Performance Score \* RMCCP/12

2340.36 = (2340.63 + 2340.64) \* 2340.35 \* 3001.44/12

RMMCP Credit = (PJM-Assigned Reg + Self-Scheduled Reg) \* Mileage Ratio \* Performance Score \* RMMCP/12

2340.48 = (2340.63 + 2340.64) \* 2340.46 \* 2340.35 \* 3001.64/12

Total Regulation Clearing Price Credits (2340.49) = RMCCP Credit (2340.36) + RMMCP Credit (2340.48)