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**MSRS Report Format Documentation**

**Dispatch Differential Lost Opportunity Cost Credits**

**Version 3**

Revision History

|  |  |  |
| --- | --- | --- |
| **Date** | **Revision** | **Description** |
| 9/1/2021 | 1 | Initial Distribution |
| 10/27/2023 | 2 | Updated Supporting Calculation for RT Dispatch Revenue |
| 2/13/2024 | 3 | Additional details added to Supported Billing Line Items section regarding counterparty data visibility |

# Report

**MSRS** Report Name: Dispatch Differential Lost Opportunity Cost Credits

Report short name for User Interface: Dispatch Differential Lost Opportunity Cost Credits

Download File Name Abbreviation: DDLOCCr

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

* Balancing Operating Reserve Credit (2375)

# Report Content Summary

This report details a customer account’s owned generation unit’s dispatch differential lost opportunity cost credit for the applicable real-time 5 minute interval. The credits in this report do not reflect the customer account’s share of jointly owned units. All owners will see the full credit assigned to the unit.

# 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 | 4001.40 | VARCHAR2(40) mm/dd/yyyy HH24:MM format |
| GMT Interval Ending | GMT\_INTERVAL\_ENDING | 4001.41 | VARCHAR2(40)  mm/dd/yyyy HH24:MM format |
| Unit ID | UNIT\_ID | 4000.63 | NUMBER(8,0) |
| Unit Name | UNIT\_NAME | 4000.64 | VARCHAR2(60) |
| Unit Ownership Share | UNIT\_OWNERSHIP\_SHARE | 3000.80 | NUMBER |
| Schedule ID | SCHEDULE\_ID | 4000.65 | NUMBER |
| RT Generator Pricing LMP ($/MWh) | RT\_GEN\_PRICING\_LMP | 3001.63 | NUMBER |
| RT Generation MW | RT\_GEN\_MW | 3000.33 | NUMBER |
| RT Pricing MW | RT\_PRICING\_MW | 3001.64 | NUMBER |
| RT Pricing Revenue ($) | RT\_PRICING\_REVENUE | 2375.28 | NUMBER |
| RT Pricing Offer Value ($) | RT\_PRICING\_OFFER\_VALUE | 2375.29 | NUMBER |
| RT Dispatch MW | RT\_DISPATCH\_MW | 3001.65 | NUMBER |
| RT Dispatch Revenue ($) | RT\_DISPATCH\_REVENUE | 2375.30 | NUMBER |
| RT Dispatch Offer Value ($) | RT\_DISPATCH\_OFFER\_VALUE | 2375.31 | NUMBER |
| RT Generation Offer Value ($) | RT\_GEN\_OFFER\_VALUE | 2375.32 | NUMBER |
| Dispatch Differential LOC Credit ($) | DISPATCH\_DIFF\_LOC\_CR | 2375.26 | NUMBER |
| Version | VERSION | 4000.07 | VARCHAR2(12) |

# CSV Report Example

See Excel file titled “Dispatch Differential Lost Opportunity Cost Credits CSV Format.csv”

# XML Report Example

See XML file titled “Dispatch Differential Lost Opportunity Cost Credits XML Format.xml”

# Supporting Calculations

RT Pricing Revenue = RT Pricing MW \* RT Generator Pricing LMP

2375.28 = 3001.64 \* 3001.63

RT Dispatch Revenue = MAX(RT Dispatch MW \* RT Generator Pricing LMP, RT Generation MW \* RT Generator Pricing LMP)

2375.30 = MAX(3001.65 \* 3001.63, 3000.33 \* 3001.63)

Dispatch Differential LOC Credit = MAX[MAX(RT Pricing Revenue – RT Pricing Offer Value , 0) – (MAX(RT Dispatch Revenue – MIN(RT Dispatch Offer Value, RT Generation Offer Value) , 0) , 0]/12

2375.26 = MAX[MAX(2375.28 – 2375.29 , 0) – (MAX(2375.30 – MIN(2375.31, 2375.32) , 0) , 0]