MSRS Report Updates for Fast Start

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- In previous updates, PJM detailed the allocation of Dispatch Differential Lost Opportunity Cost (DDLOC) credits to charges at the daily level, and presented an update to the Regional Balancing Operating Reserve Charge Summary report to show the allocation details.

- In actuality, the allocation of DDLOC credits will be calculated at the hourly level before summing charges to a total daily level.

- Allocated charges will still be included in Billing Line Item 1375 – Balancing Operating Reserve Charge.

- Create 1 new report
  - Dispatch Differential Lost Opportunity Cost Charge Summary – provides calculation details hourly charge distribution.

- Update 1 existing report
  - Operating Reserve Charge Summary– add additional column for total daily Dispatch Differential LOC charge.

- Previously detailed planned updates to Regional Balancing Operating Reserve Charge Summary report will not be carried through.
  - Previously detailed addition of column for total dispatch differential LOC credit for charge distribution. Overview was provided at April 2021 MSS meeting.

Dispatch Differential Lost Opportunity Cost Charge Summary

- New report provides hourly charge allocation details of Dispatch Differential Lost Opportunity Cost Credit
- Charge included as component of BLI 1375 Balancing Operating Reserve

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 Hour Ending	EPT_HOUR_ENDING	4000.05	VARCHAR2(40) mm/dd/yyyy HH24 format (Displays first hour of the day as hour 1 and last hour of the day as hour 24)
GMT Hour Ending	GMT_HOUR_ENDING	4000.06	VARCHAR2(40) mm/dd/yyyy HH24 format (Displays first hour of the day as hour 1 and last hour of the day as hour 00 of the following day)
Total RTO Dispatch Differential LOC Credit ($)	TOT_RTO_DDLOC_CREDIT	1375.70	NUMBER
PJM RT Load plus Exports (MWh)	PJM_RT_LOAD_PLUS_EXPORTS	1375.39	NUMBER
Total PJM RT Load plus Exports (MWh)	TOT_PJM_RT_LOAD_PLUS_EXPORTS	1375.40	NUMBER
Dispatch Differential LOC Charge ($)	DDLOC_CH	1375.71	NUMBER
Version	VERSION	4000.07	VARCHAR2(12)

Supporting Calculations:

- Dispatch Differential LOC Charge (1375.71)

= Total RTO Dispatch Differential LOC Credit * (PJM RT Load plus Exports / Total PJM RT Load plus Exports)

= 1375.70 * (1375.39 / 1375.40)

- Additional column provides detail of total daily charge from hourly DDLOC charge distributions
- Total Daily DDLOC Charge value component included in total Bal Operating Reserve Charge for date

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)
Date	DATE	4000.04	DATE (MM/DD/YYYY in online and CSV formats, YYYY-MM-DD in XML format)
Total PJM DA Operating Reserve Credit ($)	TOTAL_PJM_DA_OPRES_CREDIT	1370.11	NUMBER(22,2)
DA Load (MWh)	DA_LOAD	3000.37	NUMBER(22,3)
DA Operating Reserve Exports (MWh)	DA_OPRES_EXPORTS	1370.12	NUMBER(22,6)
DA Up-To Congestion Bids (MWh)	DA_UTC_BIDS	1370.31	NUMBER(22,6)
Total PJM DA Load Plus Exports (MWh)	TOTAL_PJM_DA_LOAD_PLUS_EXPORTS	1370.13	NUMBER(22,6)
DA Operating Reserve Charge ($)	DA_OPRES_CHARGE	1370.01	NUMBER(22,2)
Bal Operating Reserve for Reliability Charge ($)	BAL_OPRES_FOR_REL_CHARGE	1375.36	NUMBER(22,2)
Bal Operating Reserve for Deviations Charge ($)	BAL_OPRES_FOR_DEV_CHARGE	1375.37	NUMBER(22,2)
Total Daily DDLOC Charge ($)	TOT_DAILY_DDLOC_CHARGE	1375.72	NUMBER(22,2)
Bal Operating Reserve Charge ($)	BAL_OPRES_CHARGE	1375.01	NUMBER(22,2)
Bal Operating Reserve Local Constraint Charge ($)	BAL_OPRES_LOCAL_CONSTRAINT_CHARGE	1375.02	NUMBER(22,2)
Version	VERSION	4000.07	VARCHAR2(12)

- Updated Supporting Calculation:

Bal Operating Reserve Charge = Bal Operating Reserve for Reliability Charge + Bal Operating Reserve for Deviations Charge + Total Daily DDLOC Charge

1375.01 = 1375.36 + 1375.37 + 1375.72

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