



MSRS Report Updates for FERC Order 841

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Market Settlements Subcommittee
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- FERC Order 841 details Energy Store Resource (ESR) participation in markets and creates a participation model for resources to opt in to.
- Details for Order 841 settlement impacts are highlighted in presentations from May 2019 Market Settlements Subcommittee meeting:
 - <https://www.pjm.com/-/media/committees-groups/subcommittees/mss/20190522/20190522-item-01a-esr-and-order-841-ndce.ashx>
 - <https://www.pjm.com/-/media/committees-groups/subcommittees/mss/20190522/20190522-item-01a-esr-and-order-841-ndce.ashx>
- Applicable Settlement Impacts
 - Non-Dispatch Charging Energy pays charges for Schedule 1A, Schedule 9-3, 9-FERC, 9-OPSI, 9-CAPS, MMU, PJM Settlement Inc., 10-NERC, and 10-RFC
 - EDC may use new ESR meter correction process with new ESR meter correction rate

- Report data additions to 3 existing MSRS Reports – No report column changes
 - Transmission Owner Scheduling, System Control and Dispatch Service Charge Summary (Schedule 1A Charge Summary)
 - Non-Dispatch Charging Energy quantity encapsulated in Zone Transmission Use column value
 - Schedule 9 and 10 Charge Details
 - New determinant values added for Non-Dispatch Charging Energy to applicable schedules
 - Meter Correction Charge Summary
 - New ESR meter correction rate and applicable Total Correction and Meter Correction Charge appear as new data row on report.



Non-Dispatch Charging Energy Details

- New report details an ESR's Non-Dispatch Charging Energy intervals to both resource owner and EDC at 5 minute interval level

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 00 of the following day)
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)
EPT Interval Ending	EPT_INTERVAL_ENDING	4001.40	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))
Zone	ZONE	4000.32	VARCHAR2(50 Byte)
Unit ID	UNIT_ID	4000.63	NUMBER
Unit Name	UNIT_NAME	4000.64	VARCHAR2(50 Byte)
Unit Ownership Share	UNIT_OWNERSHIP_SHARE	3000.80	NUMBER
Non-Dispatch Charging MW	NON_DISPATCH_CHARGING_MW	3003.10	NUMBER(22,3)
Version	VERSION	4000.07	VARCHAR2(12)

- Confirmation of production release date and MSRS training environment availability will be communicated through MSS email listserv.
- Training environment release targeted for week of 12/3/2019
- Production environment release date targeted for 12/12/2019