

## **M2M Data Exchange with MISO**

1. The Midwest ISO and PJM should exchange market flow data on all active M2M flowgates that could potentially be used in settlements i.e. MISO would send market flow data to PJM on all active PJM owned M2M flowgates and PJM would send market flow data on all active MISO owned M2M flowgates. This event would occur once a day.

- a. Description

- i. The market flow data would comprise of 24 records for each flowgate; each record corresponding to UDS Solution for time point ending at 30 minutes past the hour.
    - ii. The market flow data time period would span from 00:00 AM EST of the previous day to 00:00 AM EST of the current day i.e. 24 hours.

- b. Data

The data would consist of the following information:

- i. Flowgate ID
    - ii. Market hour
    - iii. Total Fwd MF (down to 0%)
    - iv. Total Rev MF (down to 0%)
    - v. Native Fwd MF (down to 0%)
    - vi. Transfer Fwd MF (down to 0%)
    - vii. Native Rev MF (down to 0%)
    - viii. Transfer Rev MF (down to 0%)

2. The Midwest ISO and PJM should exchange the data used to compute market flows once a day for one UDS Solution corresponding to one time point.

- a. Description

- i. The process involves input files (in text file format) being copied by MISO and PJM to their respective FTP servers.

- b. Data

The following input data should be exchanged:

- i. Generator output (MW) and corresponding control area information
    - ii. Aggregate Control Area Load (MW)
    - iii. Aggregate Control Area Losses (MW)
    - iv. Total RTO Exports (MW)
    - v. Generator Shift Factor for each unit (GSF)
    - vi. Control Area (or Control Zone) Load Shift Factor (LSF)
    - vii. Unit specific exports (if any)

3. Other data exchanged

- a. Day Ahead NNL
  - b. Day Ahead Generation to Load
  - c. 2 Day Ahead Allocation
  - d. Shadow Price