



# Real-Time Intraregional Scheduled Flow Report Readers' Guide

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## 1 Disclaimer

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The data provided in this Readers' Guide is provided for informational purposes only and does not contain information related to the settlement of the MISO's Energy Markets and shall not be relied upon for such purpose. Any party relying on the data provided in this report is doing so at its own risk. The MISO shall not be liable for any consequences or damages to any party relying on the data provided herein.

## 2 Introduction

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The document provides an explanation or Readers' Guide to understanding the MISO Real-Time Intraregional Scheduled Flow Report. For questions or comments regarding the report please contact Client Relations at 866-296-6476 or email at [clientrelations@midwestiso.org](mailto:clientrelations@midwestiso.org).

## 3 Glossary

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Item	Description
"Real-Time Binding Sub-Regional Power Balance" Constraint (SRPB)	The Sub-Regional Power Balance Agreement defines the Dispatch Flow as "the actual MISO Midwest Region to and from the MISO South Region real-time intra-Balancing Authority Area generation to load net dispatch flow" and further specifies that the Dispatch Flow calculation will be based on "the difference between generation and load in the MISO South Region with an adjustment for interchange transactions with the balancing authority areas connected to the MISO South Region companies."
Operational Reliability and Coordination Agreement (ORCA)	The Operational Reliability and Coordination Agreement defines the actual MISO South region to/from MISO Midwest region real-time intra-Balancing Authority Area generation to load dispatch flow.
Constraint	A constraint is an element on the network system that has a limit and must be monitored or calculated to maintain the flow at or below the limit.
EST	Eastern Standard Time

## 4 Report

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### 4.1 Description

The purpose of this report is to display Real-Time Intraregional scheduled flow between MISO south and MISO north / Central regions for the Prior Market day.

### 4.2 Report Availability Time

This report is executed 7 days a week, 365 days a year. The report is available daily by 8.00 AM EST. The report is available in comma separated values file (.csv)

The report is posted to [MISO internet site](#).

### 4.3 How to use this Report

The guide includes an example of the Real-time Intraregional Scheduled flow Report presented in comma separated values (CSV) format in the Report Layout section of the document. The column headers are defined in the Data Definitions section of the document.

### 4.4 Report Layout

**Figure 1 - Example Report**

**Real-Time Intraregional Scheduled Flow**

Published Date 03/02/2015

Market Date 03/01/2015

```
MKTHOUR_EST, CONSTRAINT_NAME, INTRAREGIONAL_SCHEDULED_FLOW
3/1/2015 12:10:00 AM,ORCAR_North_South,307.57
3/1/2015 12:10:00 AM,SO_MW_Rev_Transfer (North to South),307.57
3/1/2015 12:15:00 AM,ORCAR_North_South,346.15
3/1/2015 12:15:00 AM,SO_MW_Rev_Transfer (North to South),346.15
3/1/2015 12:20:00 AM,ORCAR_North_South,407.82
3/1/2015 12:20:00 AM,SO_MW_Rev_Transfer (North to South),407.82
3/1/2015 12:25:00 AM,ORCAR_North_South,800
3/1/2015 12:25:00 AM,SO_MW_Rev_Transfer (North to South),800
3/1/2015 12:30:00 AM,ORCAR_North_South,619.67
3/1/2015 12:30:00 AM,SO_MW_Rev_Transfer (North to South),619.67
3/1/2015 12:35:00 AM,ORCAR_North_South,624.16
3/1/2015 12:35:00 AM,SO_MW_Rev_Transfer (North to South),624.16
3/1/2015 12:40:00 AM,ORCAR_North_South,713.82
3/1/2015 12:40:00 AM,SO_MW_Rev_Transfer (North to South),713.82
3/1/2015 12:45:00 AM,ORCAR_North_South,800
3/1/2015 12:45:00 AM,SO_MW_Rev_Transfer (North to South),800
3/1/2015 12:50:00 AM,ORCAR_North_South,697.13
3/1/2015 12:50:00 AM,SO_MW_Rev_Transfer (North to South),697.13
3/1/2015 12:55:00 AM,ORCAR_North_South,656.27
3/1/2015 12:55:00 AM,SO_MW_Rev_Transfer (North to South),656.27
3/1/2015 1:00:00 AM,ORCAR_North_South,268.17
3/1/2015 1:00:00 AM,SO_MW_Rev_Transfer (North to South),268.17
3/1/2015 1:05:00 AM,ORCAR_North_South,197.98
3/1/2015 1:05:00 AM,SO_MW_Rev_Transfer (North to South),197.98
3/1/2015 1:10:00 AM,ORCA_South_North,21.18
3/1/2015 1:10:00 AM,SO_MW_Transfer (South to North),21.18
3/1/2015 1:15:00 AM,ORCA_South_North,201.12
3/1/2015 1:15:00 AM,SO_MW_Transfer (South to North),201.12
3/1/2015 1:20:00 AM,ORCA_South_North,317.77
3/1/2015 1:20:00 AM,SO_MW_Transfer (South to North),317.77
3/1/2015 1:25:00 AM,ORCAR_North_South,942.54
3/1/2015 1:25:00 AM,SO_MW_Rev_Transfer (North to South),942.54
3/1/2015 1:30:00 AM,ORCAR_North_South,646.48
3/1/2015 1:30:00 AM,SO_MW_Rev_Transfer (North to South),646.48
3/1/2015 1:35:00 AM,ORCAR_North_South,735.15
3/1/2015 1:35:00 AM,SO_MW_Rev_Transfer (North to South),735.15
```

## 4.5 Data Definitions

### 4.5.1

#### yyyymmdd\_rt\_irsf.csv

This file contains Real-time five minute scheduled flow between MISO south and MISO North and MISO Central region for the prior market day.

### 4.5.2 Table Columns

Figure 2 - Column Names

Column Name	Definition / Description / Calculation
MKTHOUR_EST	The Market Time of the occurrence of the constraint displayed in the EST. This will be at 5 minute intervals
CONSTRAINT_NAME	The name of the constraint. A constraint is a bottleneck or choke-point on the transmission network. ORCAR_North_South ORCA_South_North SO_MW_Rev_Transfer (North to South) SO_MW_Transfer (South to North)

INTRAREGIONAL_SCHEDULED_FLOW	Real-Time scheduled flow for each five minute interval for the Service Agreement and ORCA SRPBC constraints.
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## 5 References

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- BMP 100 - [Business Practices Manual for Definitions](#)
- BPM 003 - [Business Practices Manual for Energy Markets Instruments](#)

## 6 Revision History

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Version	Date	Description
3.0	03/12/2015	Original Reader's Guide Document