

Manual 11 Revisions – Interface Pricing Points Review

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Real-Time Market Operations

Market Implementation

Committee

January 10, 2024

Action Required

Deadline

Who May Be Affected

Review Manual 11 Updates

02/22/2024

All stakeholders



- OA Schedule 1, Sec 2.6A outlines the definitions and revision practices for Interface Pricing Points.
- The MMU has recommended that PJM monitor, and adjust as necessary, the weights applied to the components of the interfaces to ensure that the interface prices reflect ongoing changes in system conditions.
- PJM is pursuing a quick fix process to memorialize in Manual 11 a formal annual process to review Interface Pricing Points.

References:

[PJM's OATT](#)

[Market Monitor's SOM Report](#)

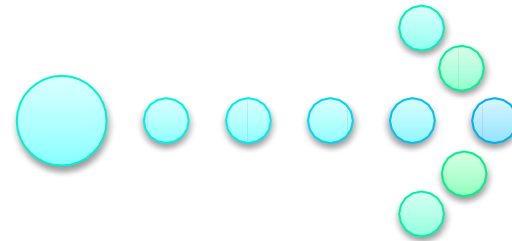
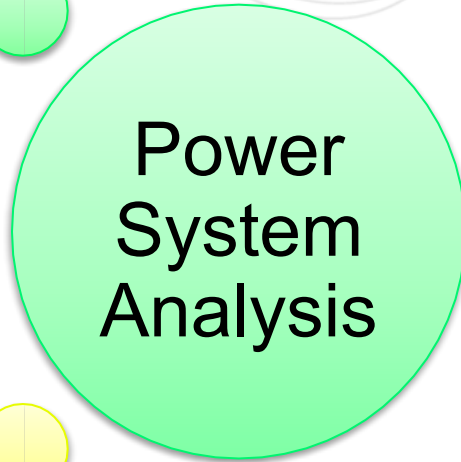
1. Base Power Flow Case



2. Sub Systems

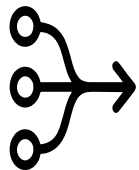


3. Monitor/FlowGates



- Dfax Analysis
- Sensitivity Study
- Trending Study (future)
- Scenarios based Study (future)

FGate ID	FGate Name	Contingency	TDF (NY→PJM)	TDF (MIE→PJM)	Percentage Diff	Abs Diff
1	PJM-NYISO	Base Case	-1	-1	0.0%	0
2	NYISO_WEST	Base Case	-0.17212	-0.123605	39.2%	0.048435
3	NYISO_CENTRAL	Base Case	-0.15964	-0.14798	8.3%	0.00778
4	NYISO_HUDSN	Base Case	-0.32158	-0.11765	22.3%	0.082205
5	NYISO_NYC	Base Case	-0.35065	-0.31467	11.4%	0.03599
11	RAMAPO 3MW L/O 3MW TX2	3MW TX2	-0.00007	-0.000018	91.4%	0.000749
12	NOTTINGH2-3 L/O CONAST-PEACHB	L500 Conastone-PeachBottom 8012	0.02262	-0.02432	7.0%	0.0017
13	GRACETON-BAGLEY L/O CONAST-PEACHB	L500 Conastone-PeachBottom 5012	0.03279	0.03437	4.6%	0.00158
14	ESAYRE-RWA_1 L/O ETowanda-Hillside	L230 ETowanda-Hillside 2002 (NYISO)	-0.02845	-0.02583	10.1%	0.00252
15	ETowanda-Hillside L/O MAINSBURG-WATRC	L348 Mainesburg-Wateroure (NYISO)	0.06984	-0.08334	10.3%	0.0089
16	ESAYRE-ETowanda L/O ETowanda-Hillside	L230 ETowanda-Hillside 2002 (NYISO)	0.02812	0.025485	10.3%	0.002635
17	MACNEW_T15MAC-WIL_1 L/O ETowanda-Hillside	L230 ETowanda-Hillside 2002 (NYISO)	-0.01769	-0.017365	1.9%	0.000325
18	LENOX-NMESHOP L/O ETowanda-Hillside	L230 ETowanda-Hillside 2002 (NYISO)	0.01833	0.01801	1.8%	0.00032
19	LENOX-NMESHOP L/O L230 Oxbow-NMestoppen (SC08)	L230 Oxbow-NMestoppen (SC08)	0.00749	0.00898	16.4%	0.00147
20	HAWTHORN230HAW-HIN L/O HOPATCONG-RAMAPO	HOPATCONG 500.00 to RAMAPO 5	0.09411	0.12288	23.4%	0.02877
21	HARWOOD4TX L/O HARWOOD5TX	HARWOOD TX5	0.00066	0.0007	5.7%	0.00004
		Average			16.3%	0.014445



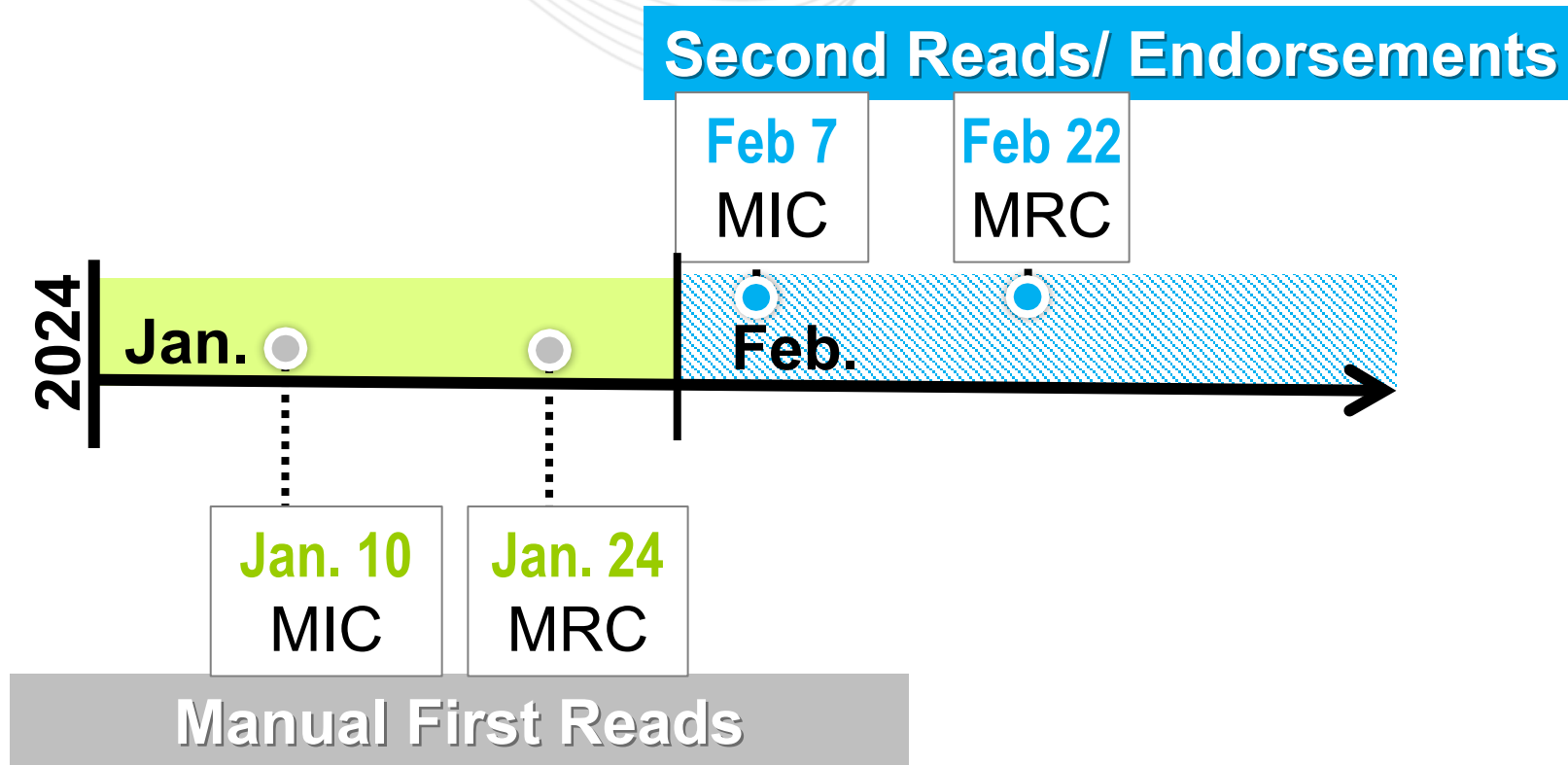
- No change is recommended for all current definitions
- Transfer Distribution Factor (TDF) results (area to area and selected Flowgates) are reasonable close to the manually calculated ones from definition
- The impact of each pnode in the interface is also effective and reasonable

- New Section 2.20 – Interface Prices
 - Definition, Scope(NYIS, MISO and SOUTH), Timeline
 - Study Methodology
 - Transparent informational sharing

2.20 Interface Prices

Interface Pricing Points are a grouping of individual busses combined into a proxy-pricing node (pnode) utilized for purposes of calculating LMPs for energy exports to or energy imports from external balancing authority areas. Such Interface Pricing Points may represent external balancing authority areas, aggregates of external balancing authority areas, or portions of any external balancing authority area.

A review of Interface Pricing Point definitions for purposes of calculating LMPs for energy exports to or energy imports from external balancing authority areas is conducted on an annual basis. The review is based on a set of flow impact analyses utilizing power flow analysis tools for each Interface Pricing Point. The scope of the annual review of Interface Pricing Points includes MISO, NYIS and SOUTH. Results of the annual review will be posted to the PJM website at the beginning of each year and will be effective from June 1 the same year through the next planning period.



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