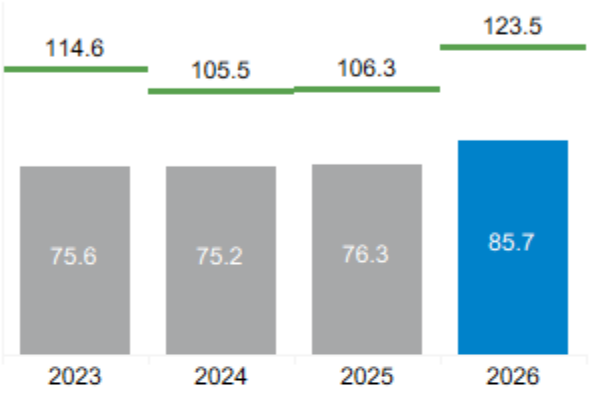
MISO Monthly Operations Report

September 2026

Reliability, markets and operational functions performed as expected in September

AVERAGE & PEAK LOAD (GW)



SYSTEM-WIDE LOAD PEAK

123 GW

September 2, Hour Ending (HE) 16

SOLAR PEAK

19.6 GW

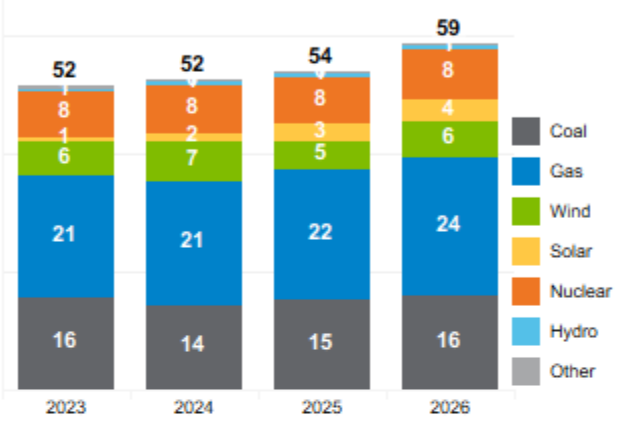
Sept 7, 2026, HE 12

WIND PEAK

19.5 GW

Sept 12, 2026, HE 01

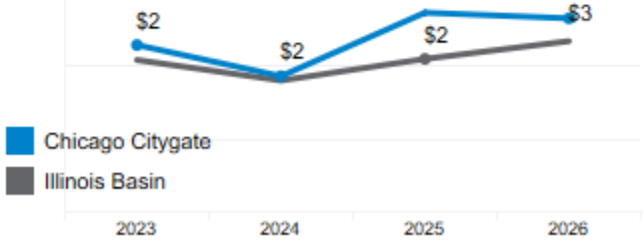
ENERGY FUEL MIX (TWh)



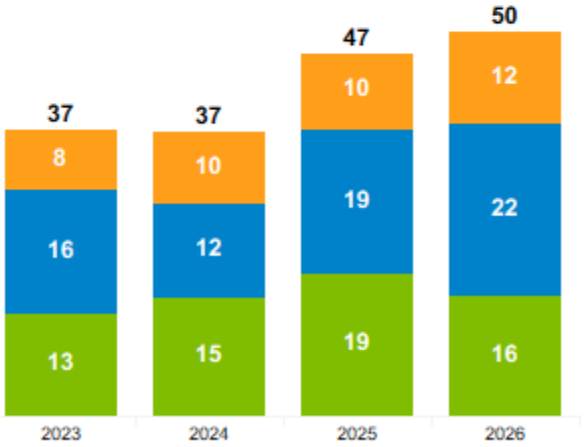
REAL-TIME LMP ($/MWh)



AVERAGE FUEL PRICE ($MMBtu)



AVERAGE DAILY GENERATION OUTAGE (GW)



KEY OPERATING DECLARATIONS

				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

9/2 System: Maximum Generation
9/3 North: Hot Weather Alert
9/7,9 South: Load Pocket Advisory
9/10 System: System Status Level 1
9/14 South: Load Pocket Advisory, Capacity Advisory
9/15 System: Hot Weather Alert
9/15-16 South: Load Pocket Advisory
9/17 System: Local Transmission Emergency
9/17 System: Maximum Generation
9/18 South: Hot Weather Alert, Local Transmission Emergency
9/19 South: Conservative Operations, Capacity Advisory
9/20-23, 25-30 South: Load Pocket Advisory
9/24 System: System Status Level 1
9/28-29 South: Conservative Operations

- *All-Time Solar Peak: 20.2 GW on July 30, 2026, HE 12*
- *All-Time Wind Peak: 26.6 GW on Jan 13, 2025, HE 20*
- *All-Time Load Peak: 127.1 GW on Jul 20, 2011, HE17*

Derated
Unplanned
Planned

Awareness and Weather
Alerts and Warnings
Reliability Actions and Events

Dashboard

Metric	Chart	Sept 2026	Aug '26	Jul '26	Jun '26	Metric	Chart	Sept 2026	Aug '26	Jul '26	Jun '26
Market Efficiency Metric	D	●	●	●	●	Unit Commitment Efficiency	H	●	●	●	●
Percentage Price Deviation	A	▼	●	▼	●	Day Ahead Wind Generation Forecast Error	K	●	●	●	●
Monthly Average Gross Virtual Profitability	B	●	●	●	●	Day-Ahead Solar Generation Forecast Error	T	●	●	●	●
FTR Funding	C	●	●	●	●	Tie Line Error	L	●	●	●	●
RSG per MWh to Energy Price	E	●	●	●	▼	Control Performance – BAAL	M	●	●	●	●
Day Ahead Mid-Term Load Forecast	F	●	●	●	●	Control Performance – CPS1 and CPS1 12-month rolling	N	●	●	●	●
Short-Term Load Forecast	G	●	●	●	▼	ARS Deployment	P	●	●	●	●
Real-Time Obligation fulfilled by Day-Ahead Supply at the Peak Hour	I	●	●	●	●						
System Impact Study Performance	Q	●	▼	●	●	Settlement Disputes	S	●	●	●	●

● *Expected* ■ *Concern/Monitor* ▼ *Review*

Note: Dashboard metric criteria are reviewed and revised each year and is included in the Appendix.

One metric fell outside of the expected range for this month

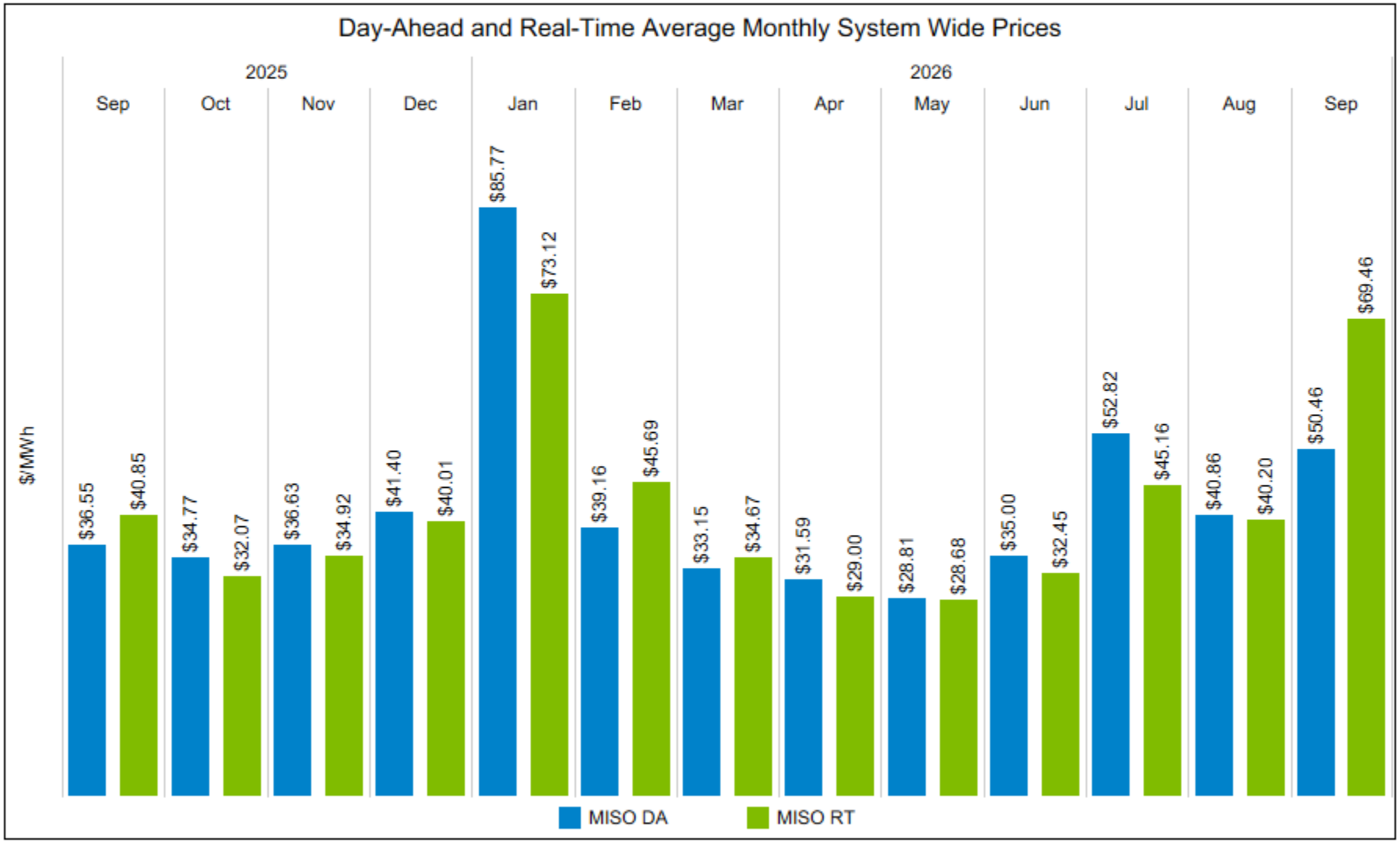
Metric	Expected Criteria	Actual	Status	Comments
Percentage Price Deviation	<=28.6%	79.7%	Review	Periods of congestion and Real-Time ancillary service product shortage pricing throughout the month resulted in price divergence between the Day-Ahead and Real-Time markets. Some of the congestion and product shortage was driven by above average temperatures and volatile imports

Appendix

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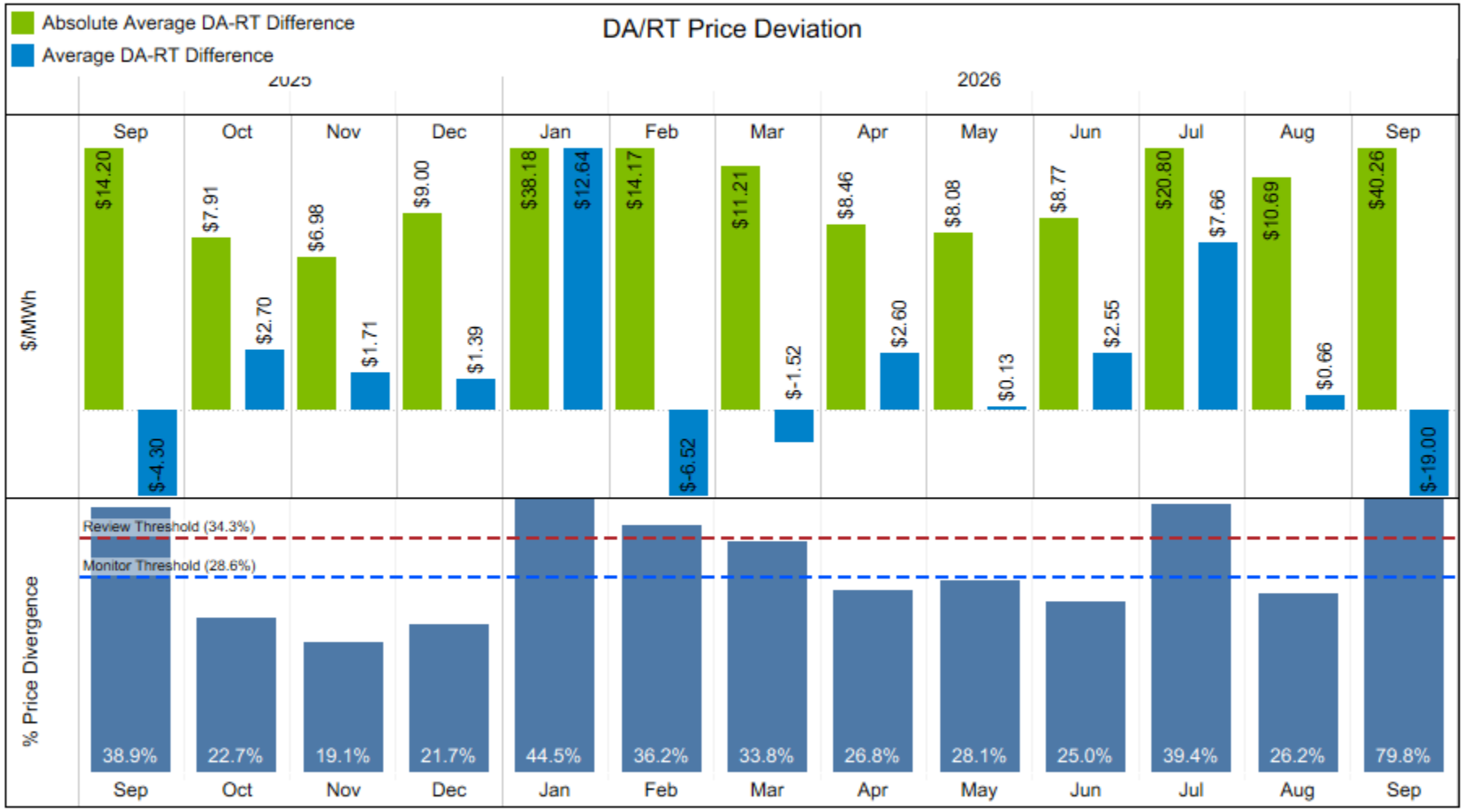
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MISO System-wide Day-Ahead and Real-Time Locational Marginal Pricing



Note: MISO System-Wide price is based on the monthly hourly average of the active hubs
Source: MISO Market and Operations Analytics Department

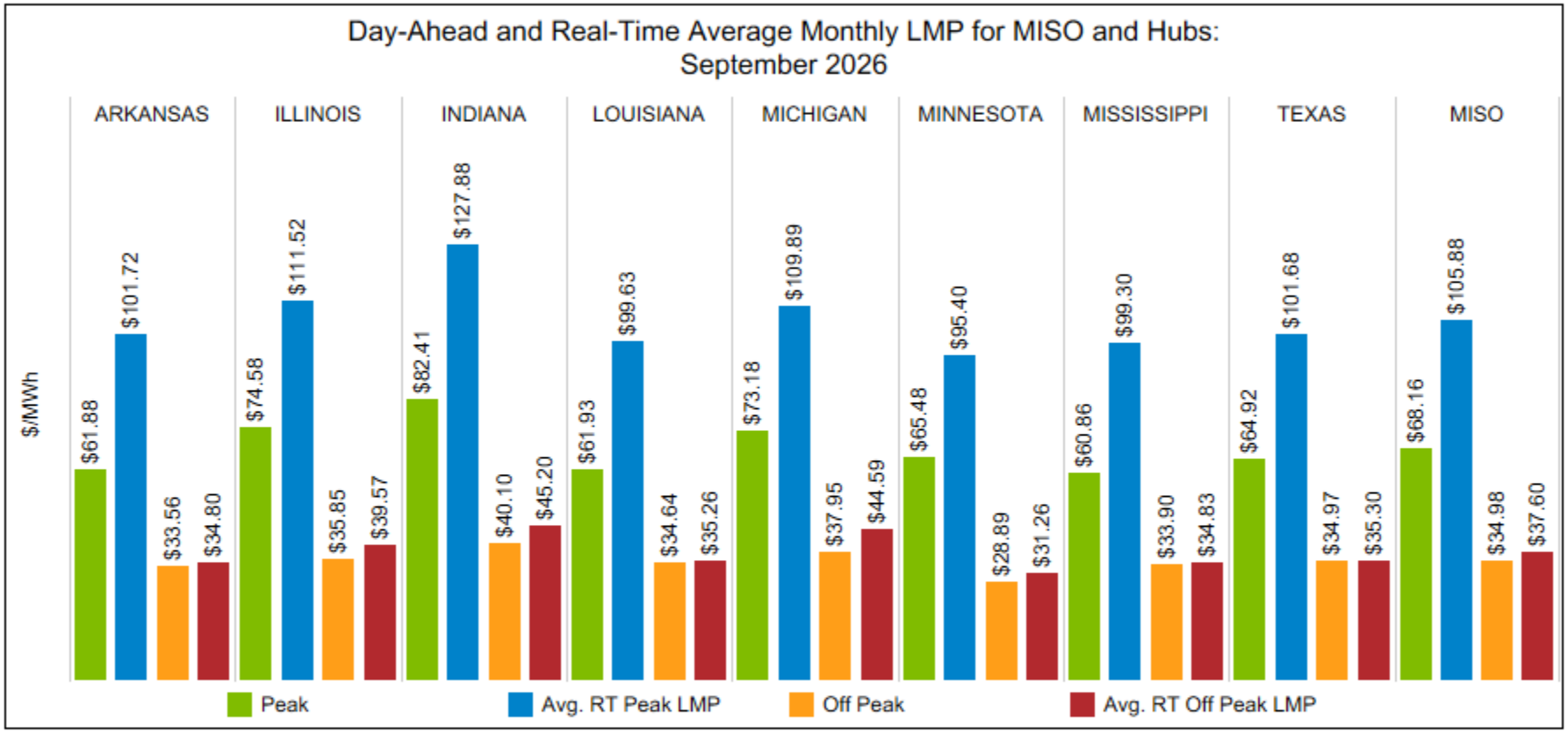
Price Convergence: Day-Ahead and Real-Time Locational Marginal Pricing



**Monthly deviation, expressed as a percent of average DA LMP, is calculated as the average of hourly absolute (DA-RT) price difference divided by the average of hourly DA LMPs for the month*

Note: MISO System-Wide price is based on the monthly hourly average of the active trading hubs
Source: MISO Market and Operations Analytics Department

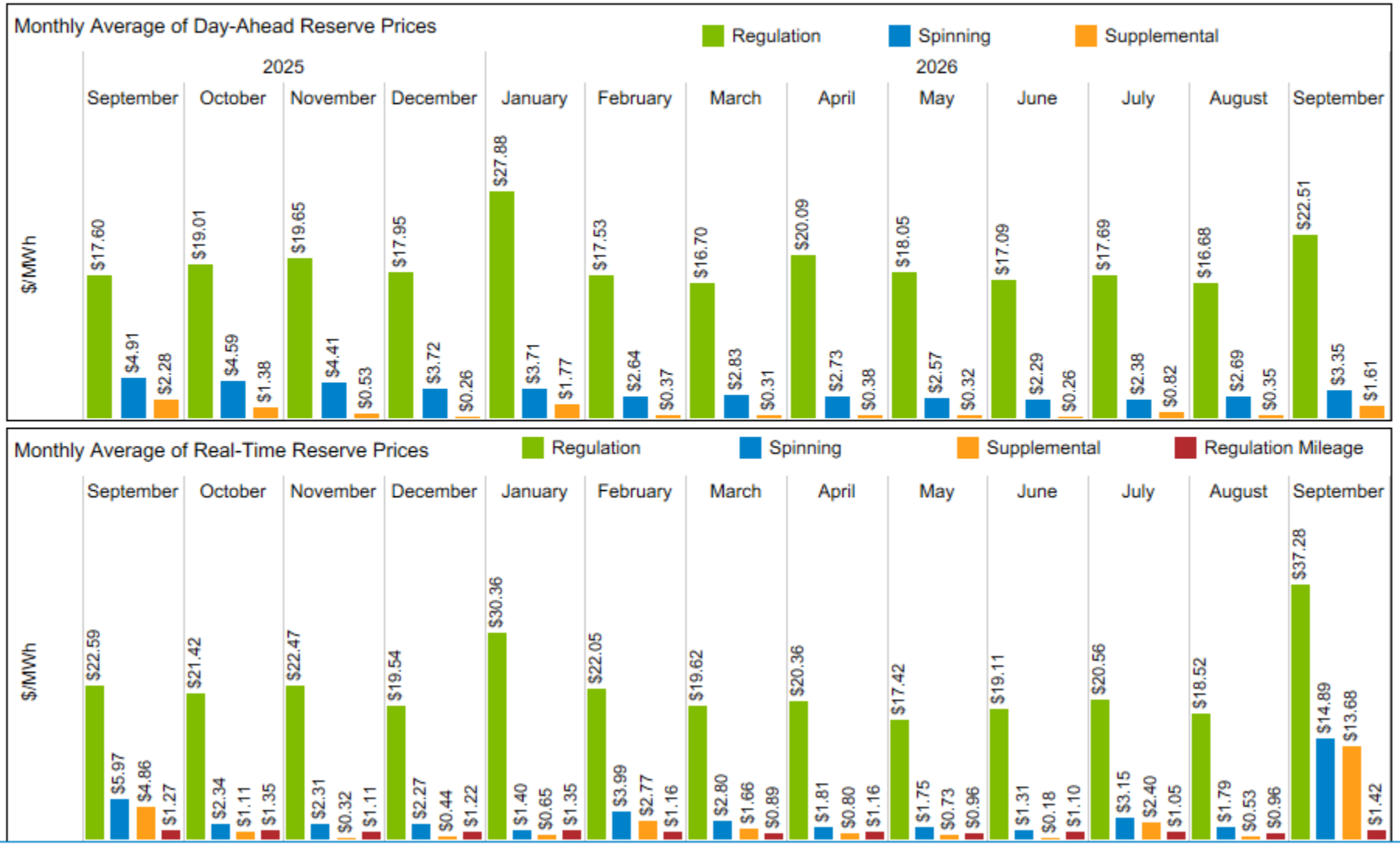
MISO Day-Ahead and Real-Time Hub Locational Marginal Pricing



		ARKANSAS	ILLINOIS	INDIANA	LOUISIANA	MICHIGAN	MINNESOTA	MISSISSIPPI	TEXAS	MISO
Marginal Congestion Component of LMP ($/MWh)	DA Peak	-14.38	-3.49	0.64	-17.28	-9.35	-11.00	-17.25	-14.78	-10.86
	RT Peak	-18.73	-10.81	1.47	-22.16	-15.40	-21.36	-22.71	-21.19	-16.36
	DA Off Peak	-2.34	-0.72	1.70	-2.59	-0.61	-6.81	-2.86	-2.31	-2.07
	RT Off Peak	-5.89	-1.65	2.14	-6.28	1.94	-9.00	-6.53	-6.32	-3.95

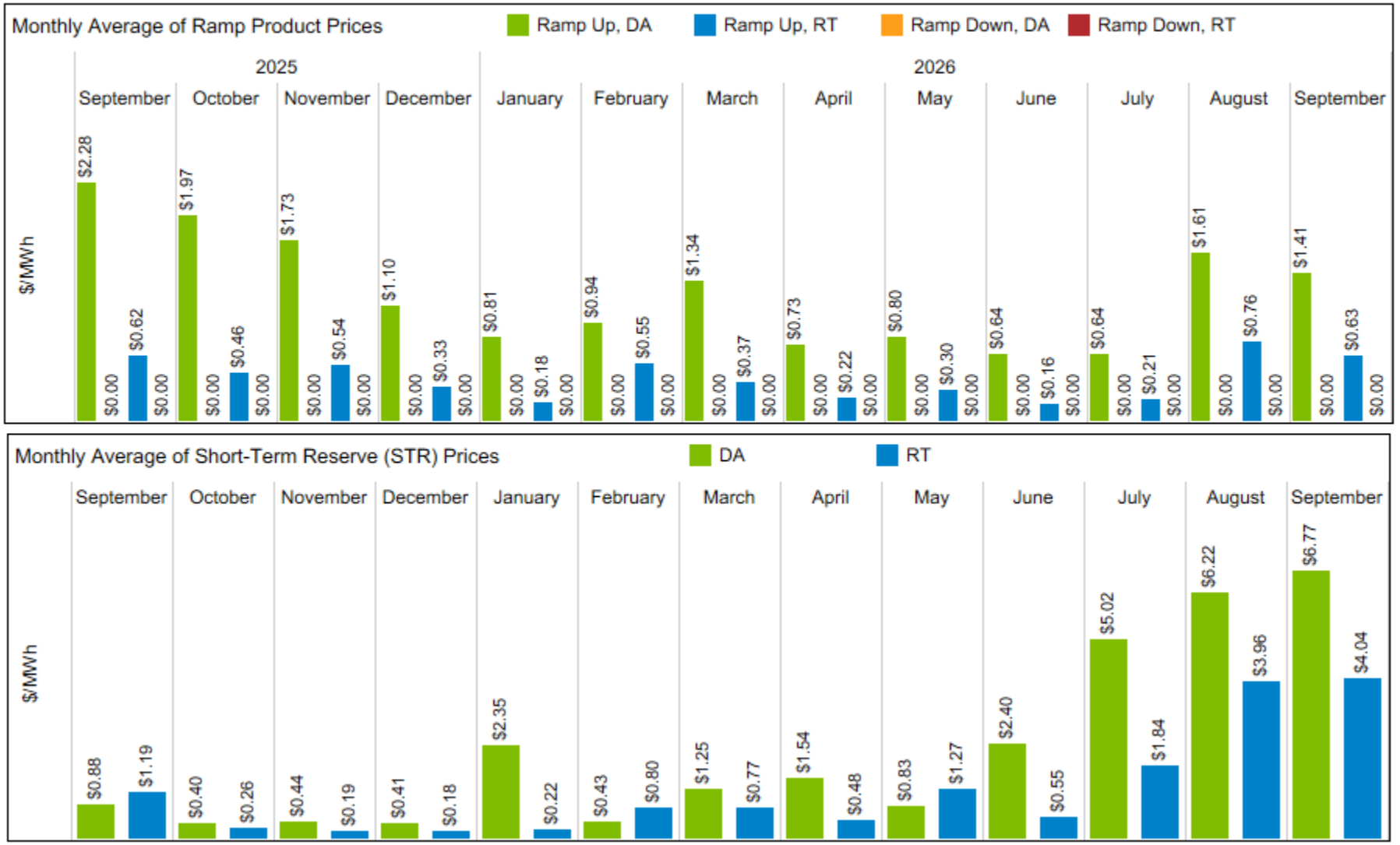
Source: MISO Market and Operations Analytics Department

Ancillary Services - Day-Ahead and Real-Time Market Clearing Prices



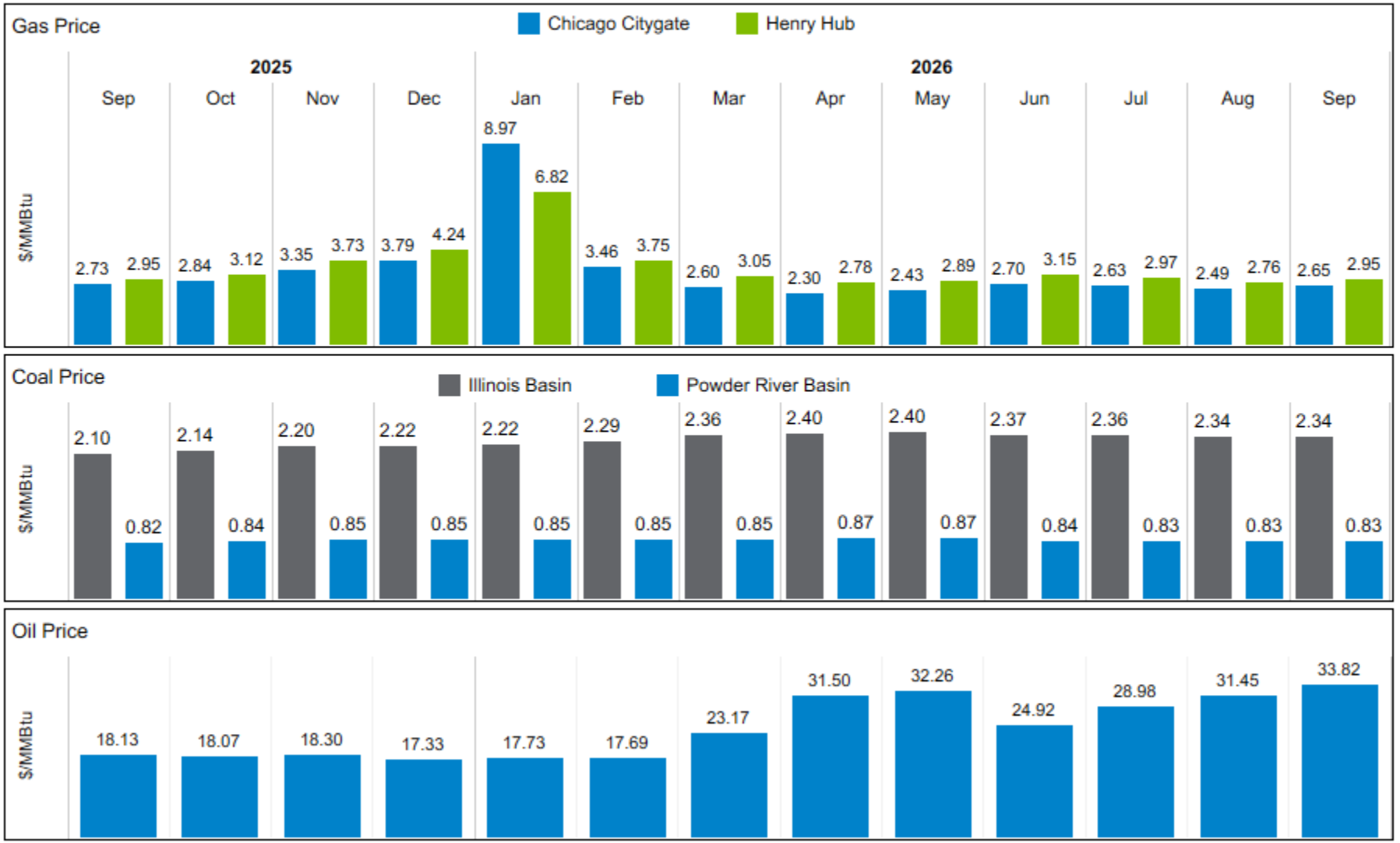
Source: MISO Market and Operations Analytics Department

Ancillary Services - Day-Ahead and Real-Time Market Clearing Prices



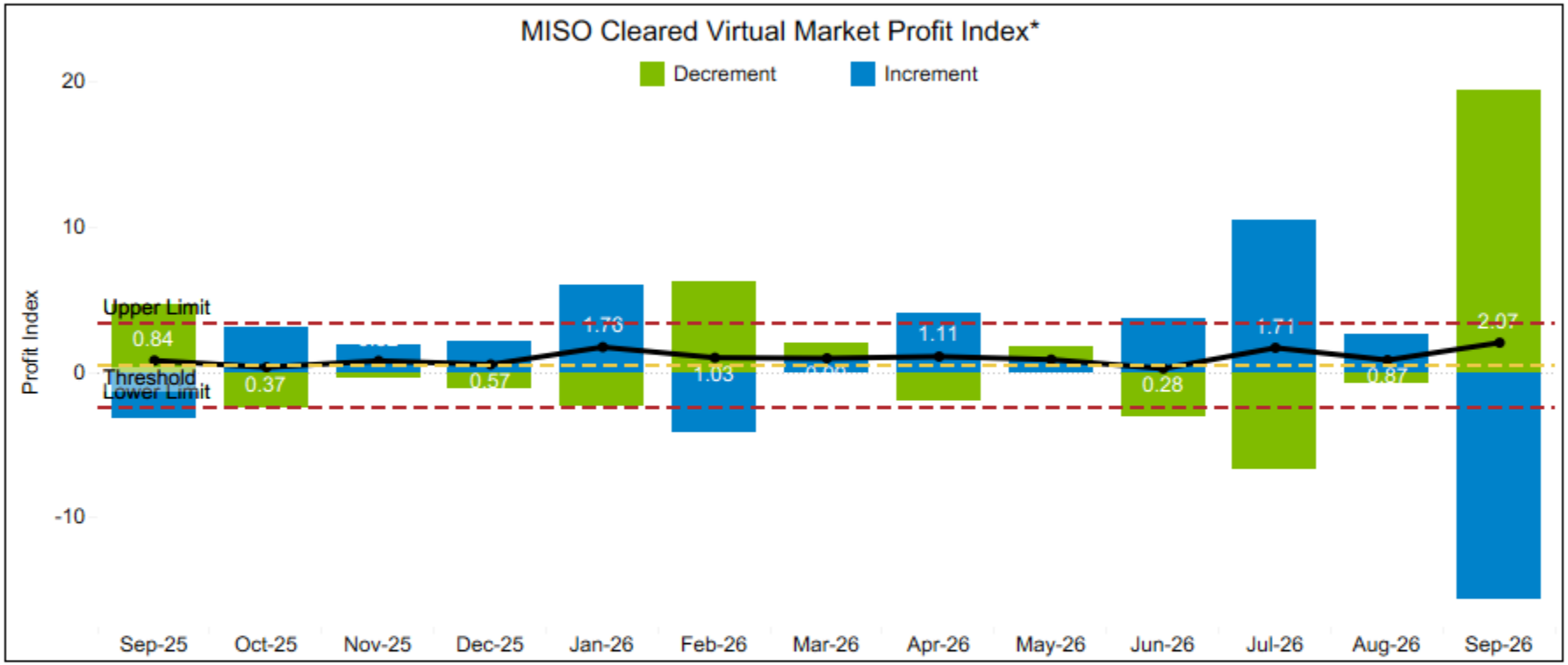
Source: MISO Market and Operations Analytics Department

Nominal Fuel Prices



Monthly oil prices are estimates and subject to change upon finalization
Source: EIA

Monthly Average Gross Virtual Profitability



Monthly Standard Deviation

Sep-25	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26
1.47	0.75	1.03	1.50	8.36	2.34	1.05	1.31	1.31	1.78	3.25	1.04	3.10

** The virtual profitability market index is defined as the sum of profits/losses for all cleared virtual transactions divided by the volume (MWh) of total cleared transactions.*

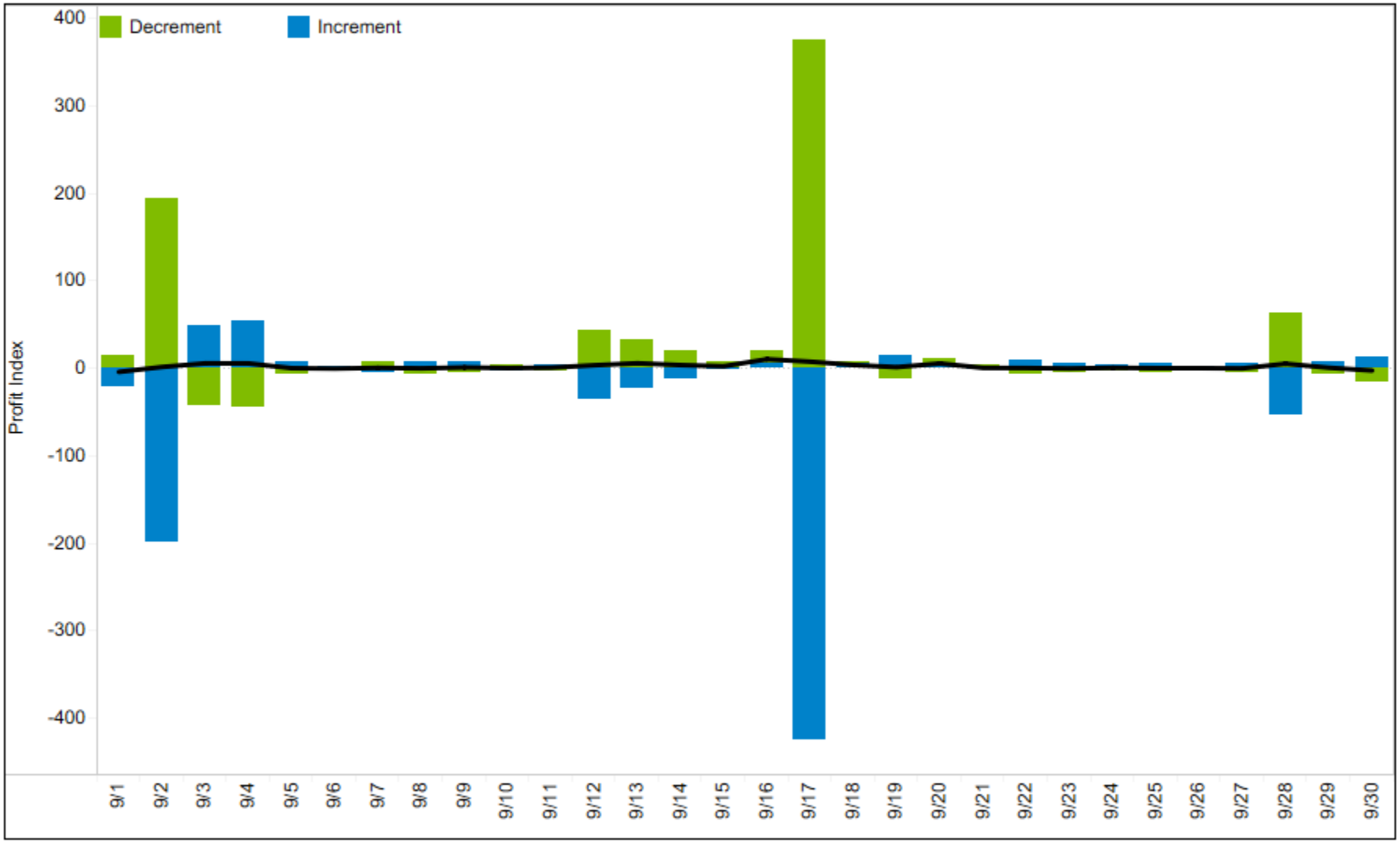
** Virtual profits/losses are calculated by multiplying the cleared virtual MW and the imbalance between RT LMP and DA LMP for a cpnode, then summed across all cpnodes, all hours.*

** Upper Limit is Threshold (average of monthly indices from the previous year) plus Daily Average Standard Deviation for the previous 13 months (current reporting month inclusive)*

** Lower Limit is Threshold (average of monthly indices from the previous year) minus Daily Average Standard Deviation for the previous 13 months (current reporting month inclusi..*

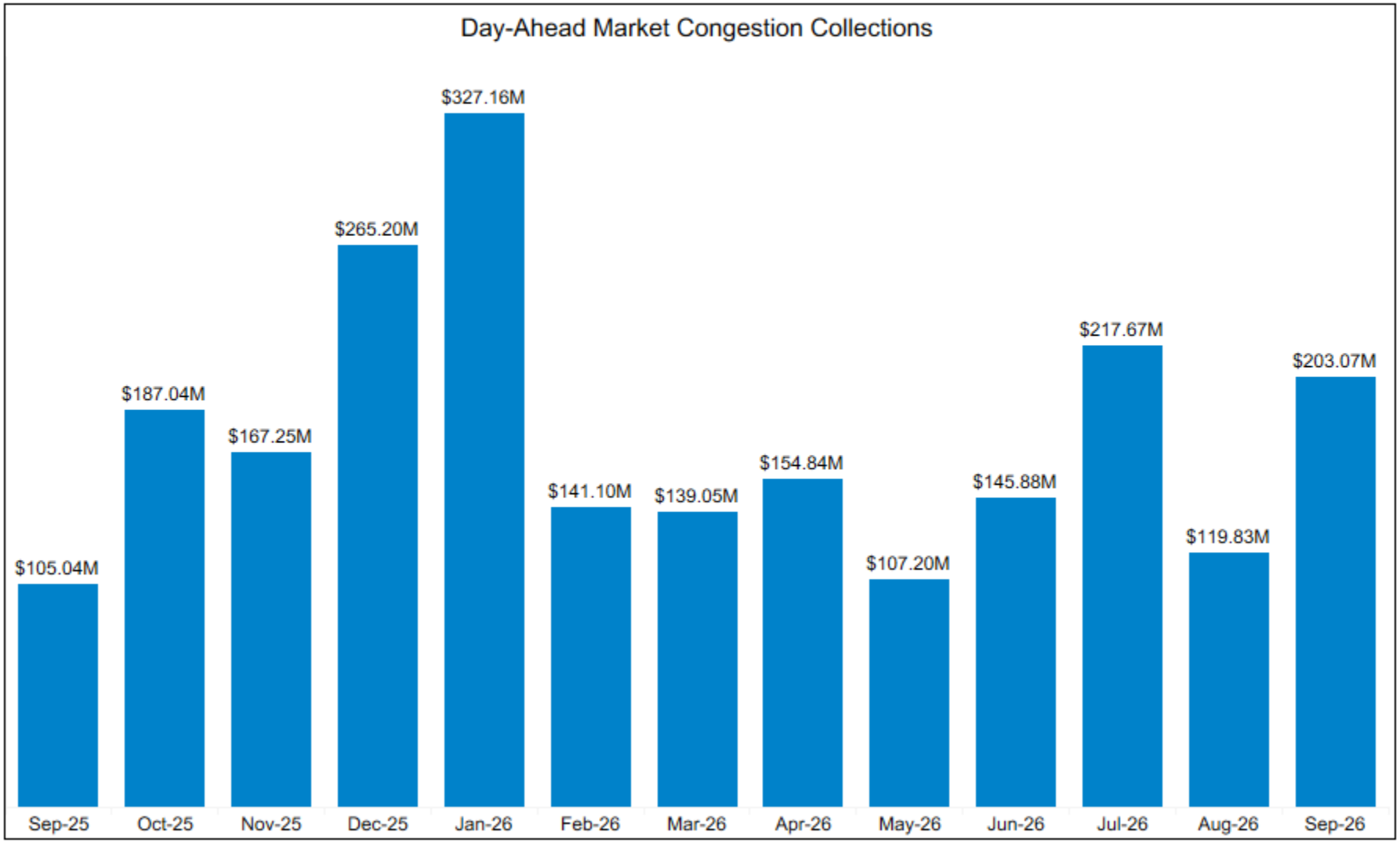
Source: MISO Market and Operations Analytics Department

Daily Gross Cleared Virtual Profitability



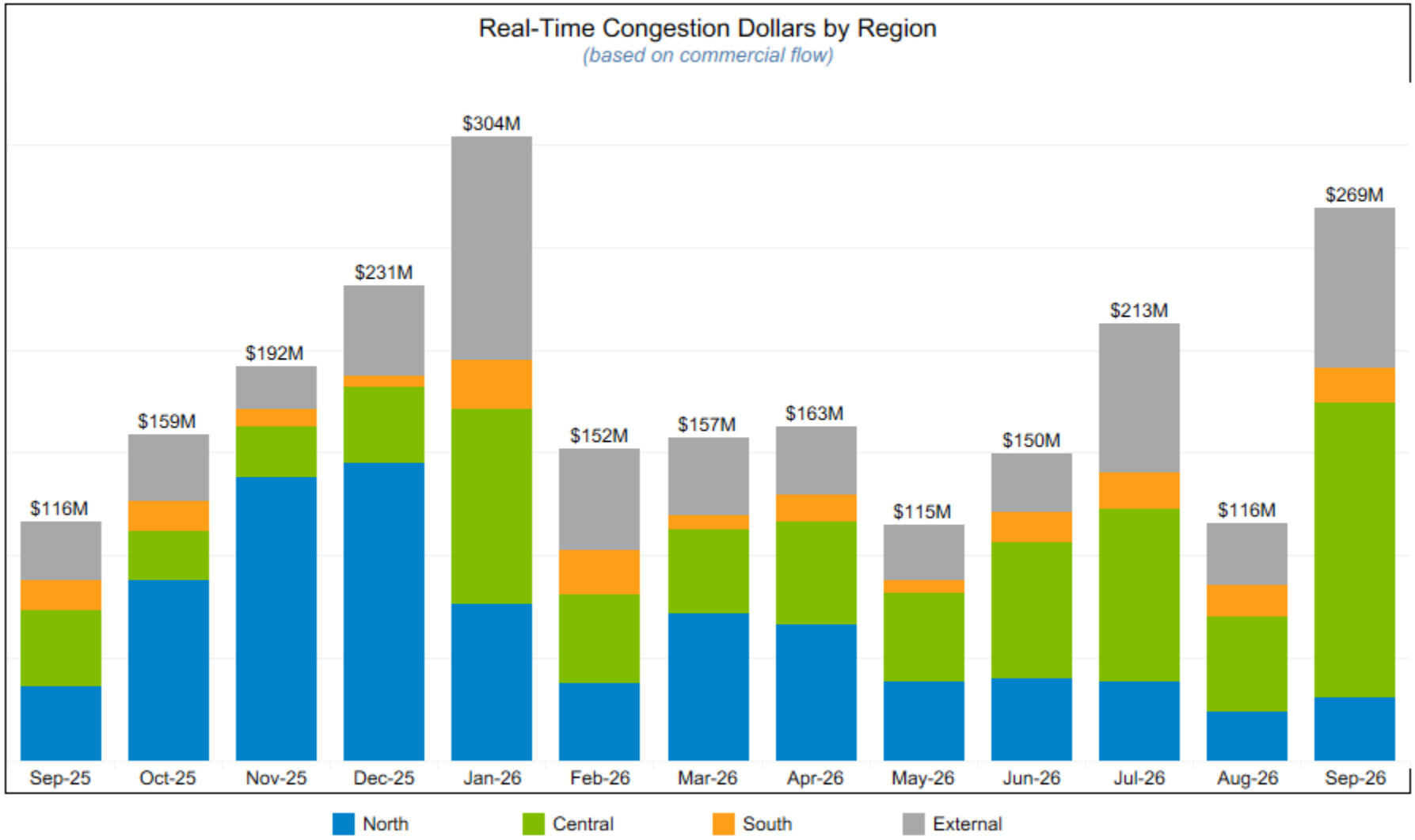
The virtual profitability market index is defined as the sum of profits/losses for all cleared virtual transactions divided by the volume (MWh) of total cleared transactions
Source: MISO Market and Operations Analytics Department

Day-Ahead Congestion Collections



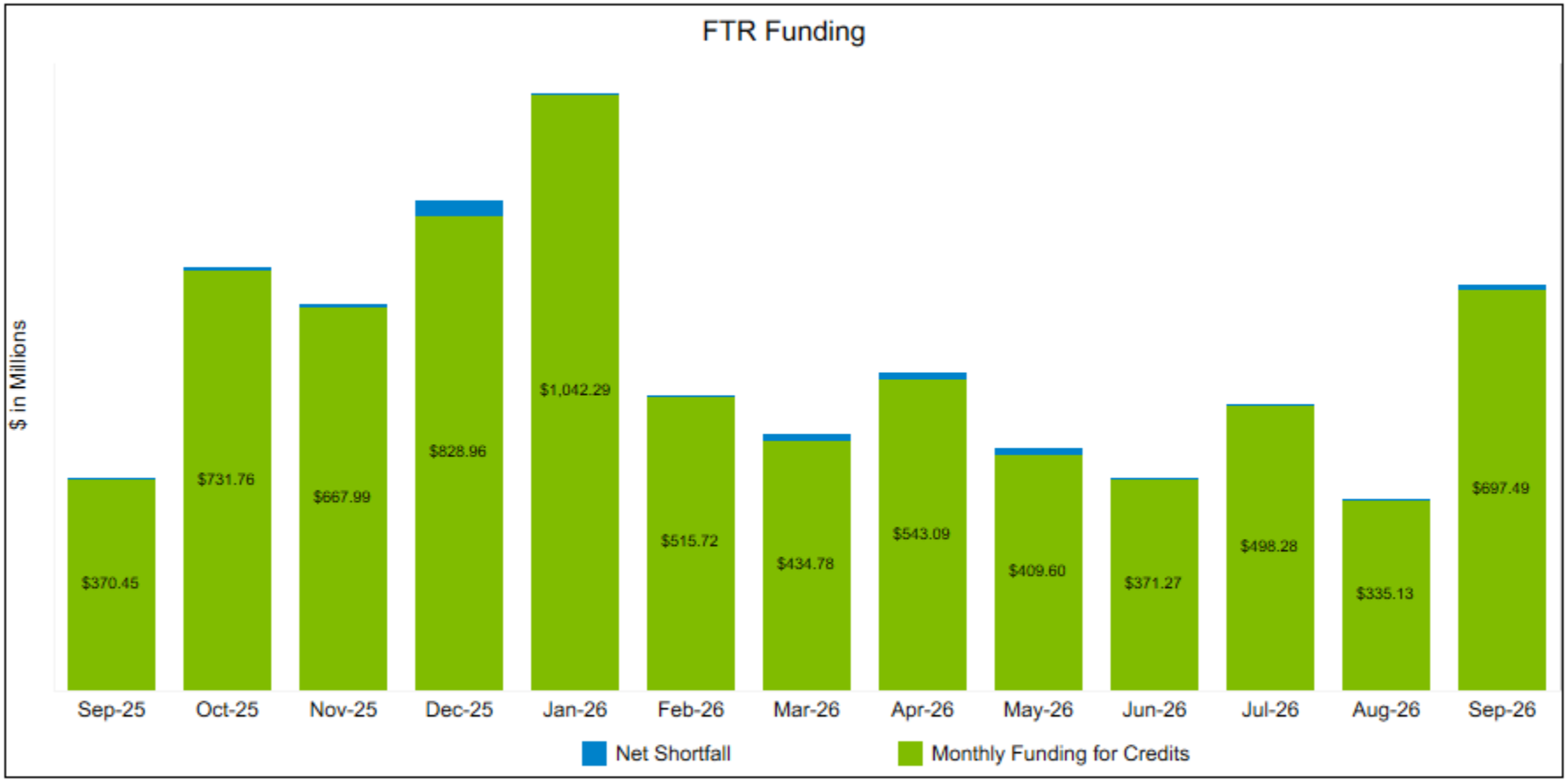
Source: MISO Market and Operations Analytics Department

Real-Time Congestion Dollars by Region



Includes External Constraints
Commercial Flow excludes phase angle regulators and loop flows
Source: MISO Market and Operations Analytics Department

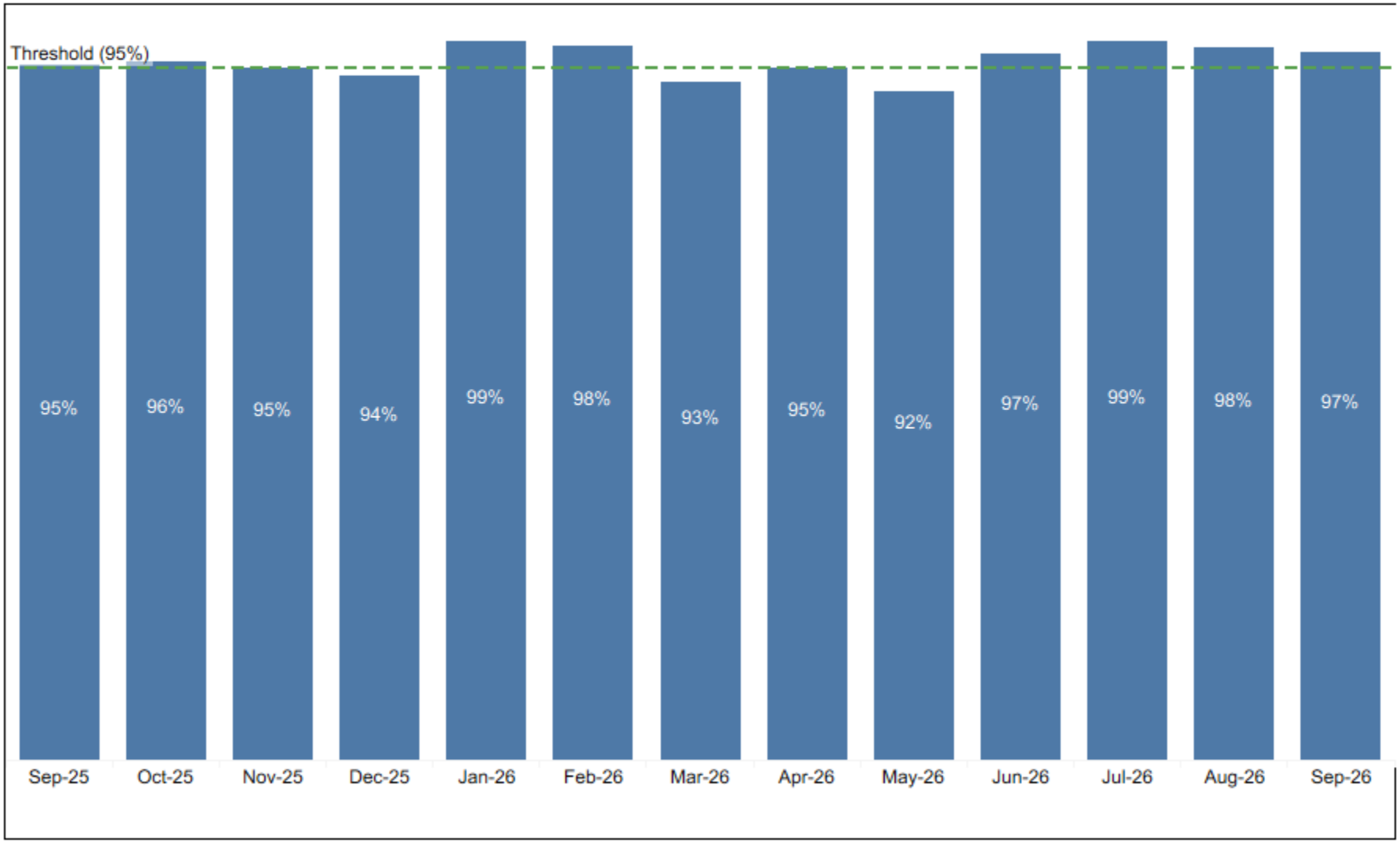
Financial Transmission Rights, Monthly and Rolling Year-to-Date Allocation Funding



	Sep-25	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26
Monthly FTR Allocation (%)	100.0%	99.0%	99.1%	96.8%	100.0%	100.0%	97.0%	97.9%	96.8%	100.0%	100.0%	100.0%	98.4%
YTD FTR Allocation (%)	100.0%	100.0%	100.0%	100.0%	NA	NA	NA	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

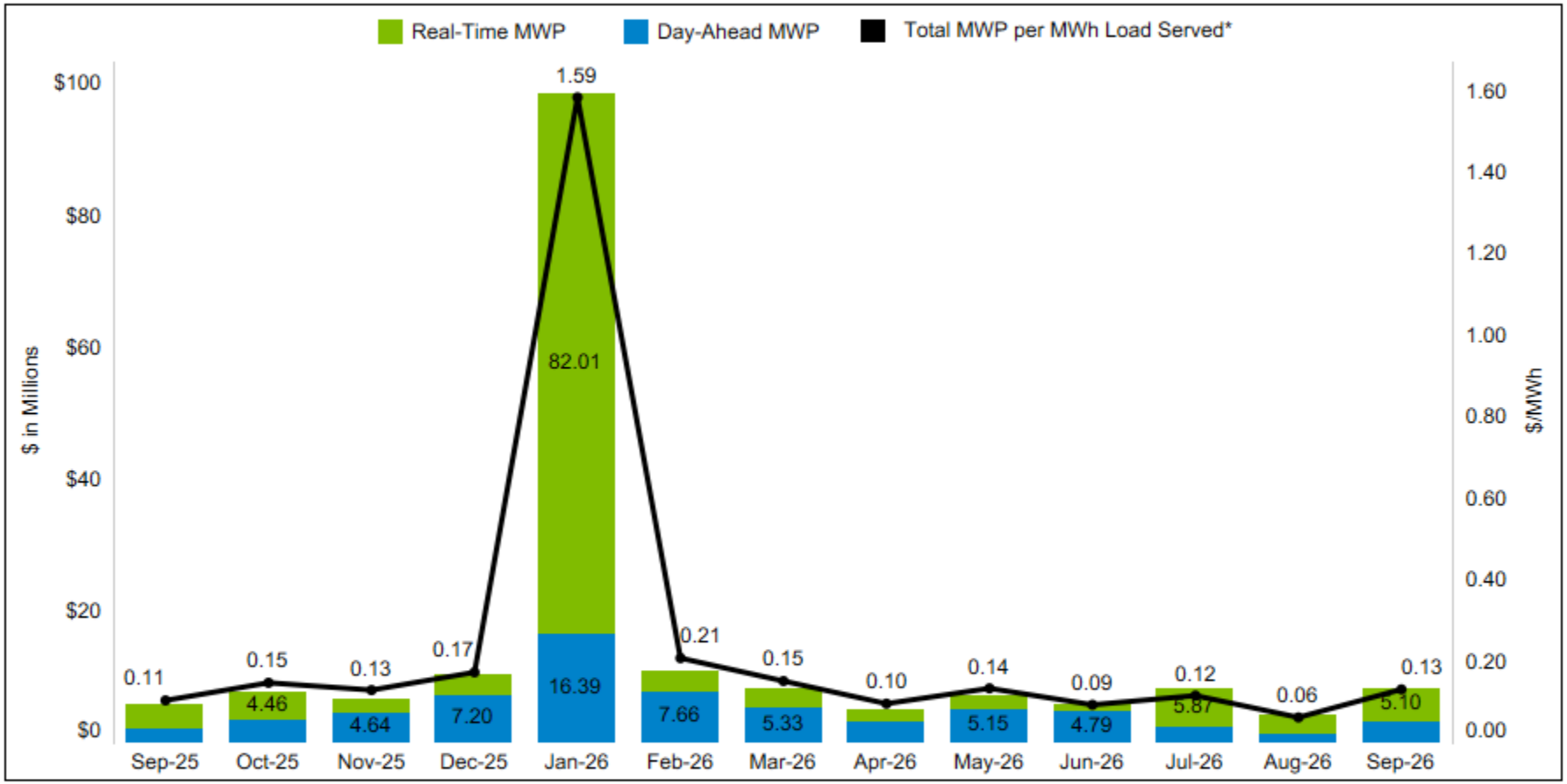
YTD metric is applied beginning April
Values may change due to resettlement
Source: MISO Market ECF Report

Market Funding Efficiency



Values may change due to resettlement
Source: MISO Market ECF Report

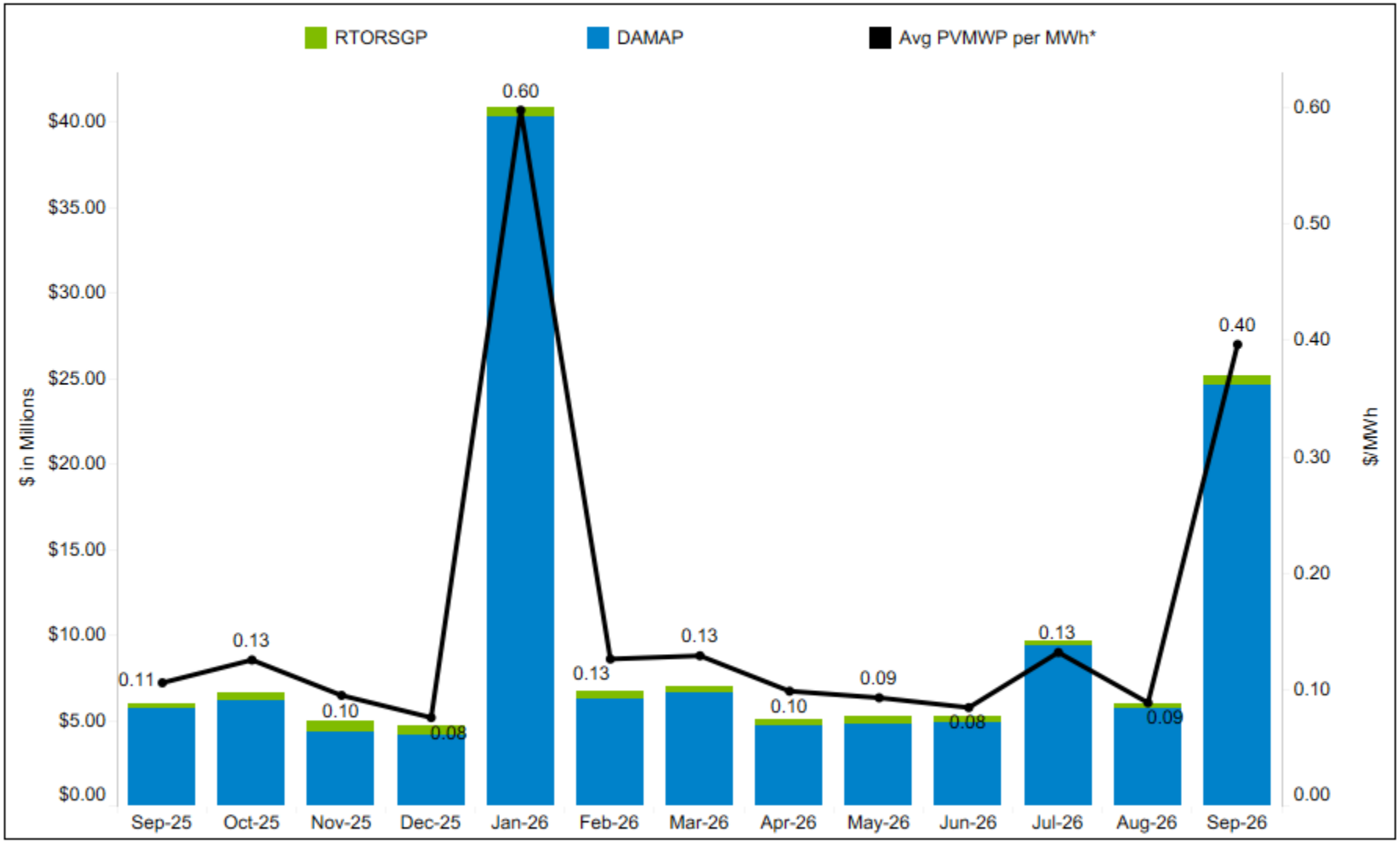
Day-Ahead and Real-Time Revenue Sufficiency Guarantee



	Sep-25	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26
Chicago Gas Prices ($/MMBtu)	2.73	2.84	3.35	3.79	8.97	3.46	2.60	2.30	2.43	2.70	2.63	2.49	2.65
Henry Gas Prices ($/MMBtu)	2.95	3.12	3.73	4.24	6.82	3.75	3.05	2.78	2.89	3.15	2.97	2.76	2.95
^^RSG Per MWh to Energy Price (%)	0.29	0.43	0.36	0.42	1.85	0.53	0.46	0.31	0.47	0.27	0.22	0.16	0.26

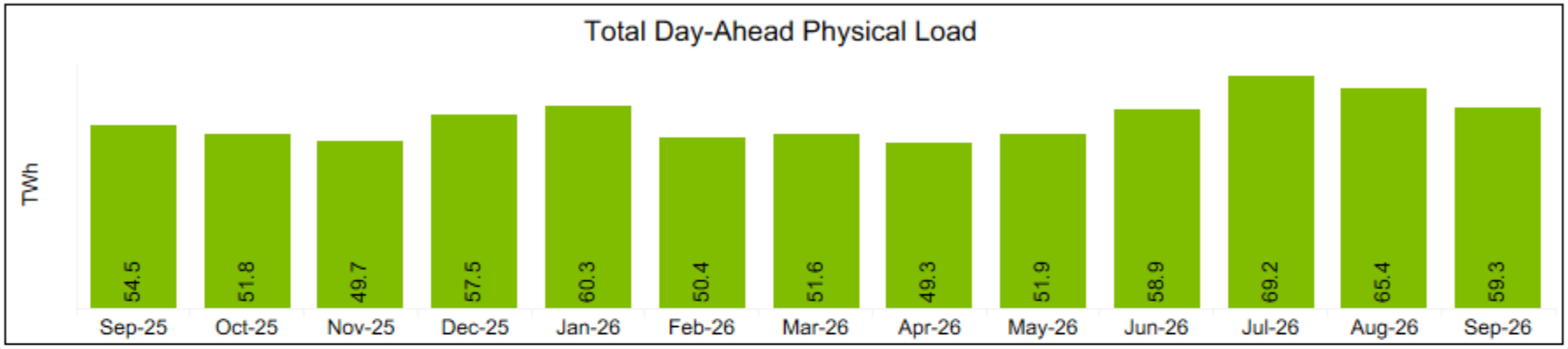
**Based on hourly ICCP Data; ^^metric value*
Values may change due to resettlement
Source: The Web-based Revenue Sufficiency Gurantee Report

Price Volatility Make Whole Payment



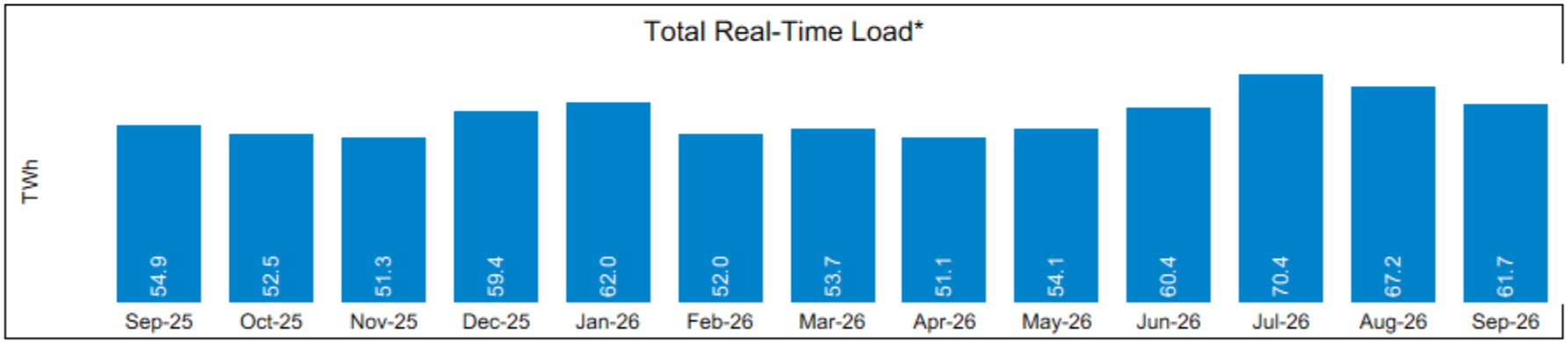
Hourly ICCP data
Source: Web-based Revenue Neutrality Uplift Report

Day-Ahead and Real-Time Cleared Physical Energy



Day-Ahead Cleared Load Value (including Virtuals)

Sep-25	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26
$2.50B	$2.27B	$2.30B	$3.04B	$6.58B	$2.51B	$2.10B	$1.89B	$1.85B	$2.68B	$5.23B	$3.41B	$3.99B

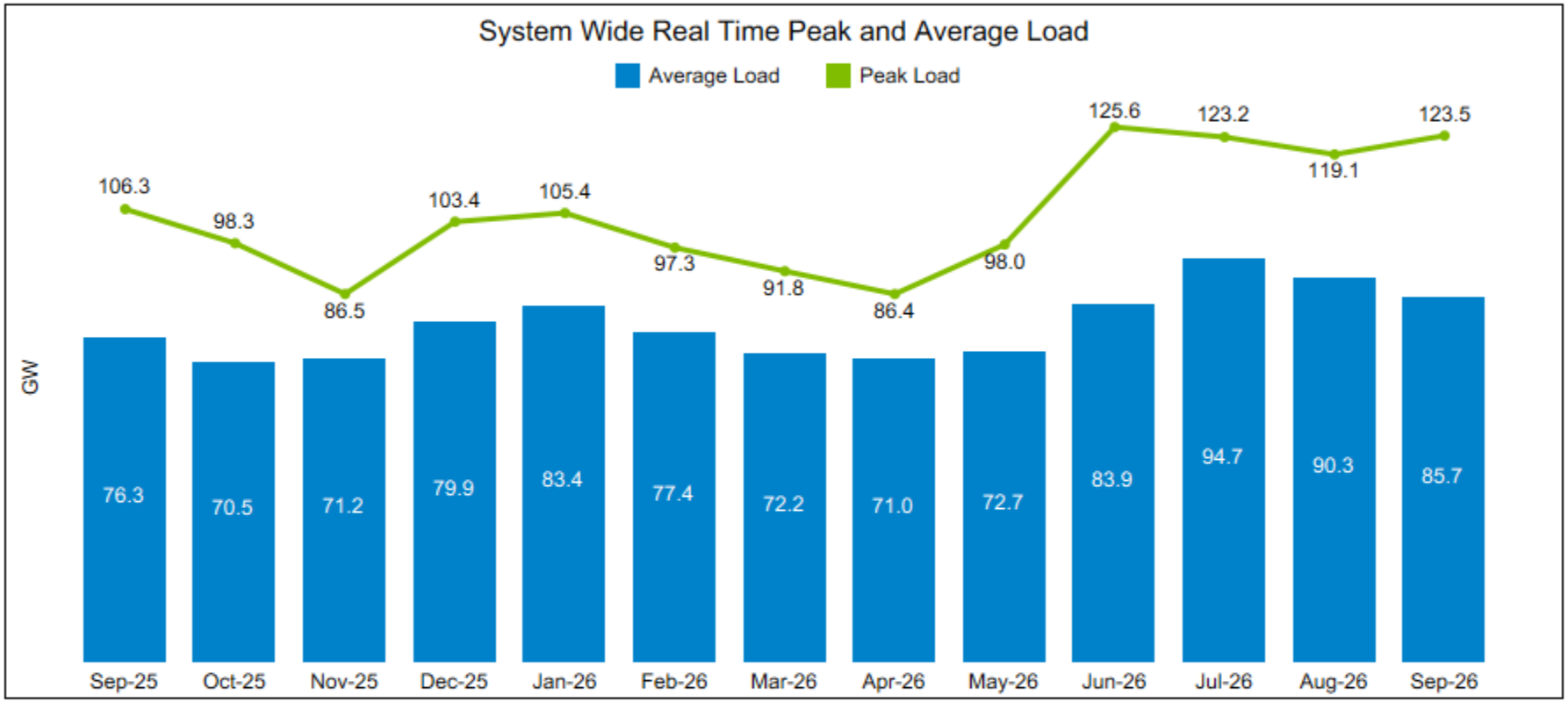


Real-Time Cleared Load Value ($ in Billions)

Sep-25	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26
$2.49B	$1.75B	$1.88B	$2.48B	$5.10B	$2.48B	$1.85B	$1.45B	$1.59B	$2.11B	$3.85B	$2.88B	$4.99B

**Sum of Hourly ICCP Load Data*
Source: MISO Market and Operations Analytics Department

Monthly System Load and Temperature



System Wide Load Weighted Temperature

	Sep-25	Aug-26	Sep-26
Average	70°F	78°F	72°F
Maximum	87°F	94°F	92°F
Minimum	50°F	62°F	56°F

Load Weighted Heating & Cooling Degree Days

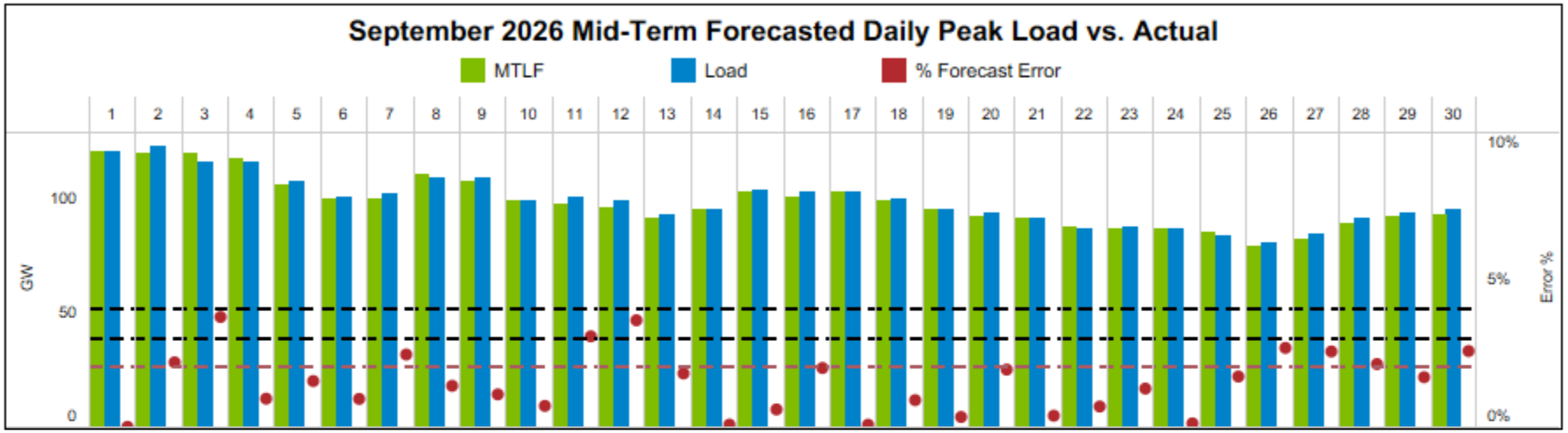
	Average HDD	Std Dev HDD	Average CDD	Std Dev CDD
Sep-26	0.34	1.08	10.67	7.41
Aug-26	0.00	0.00	16.34	7.16
Sep-25	0.60	1.84	8.52	7.23

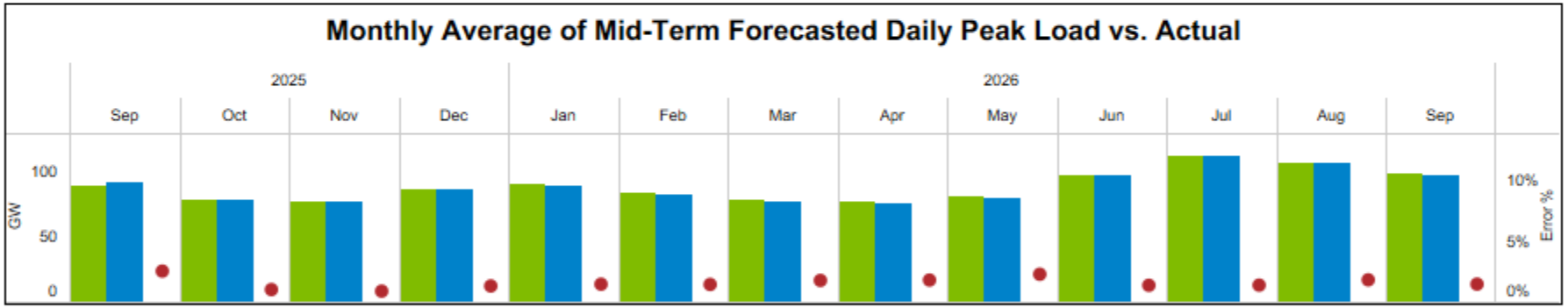
Hours with Load Greater than:

	100 GW	80 GW	60 GW
Sep-26	101	454	720
Aug-26	214	534	744
Sep-25	5	270	698

**Monthly data based on hourly ICCP Load Data; Hourly Integrated Peak Load Hour could differ from the Instantaneous Peak Load Hour.*
Source: MISO Market and Operations Analytics Department

Day-Ahead Mid-Term Load Forecast*



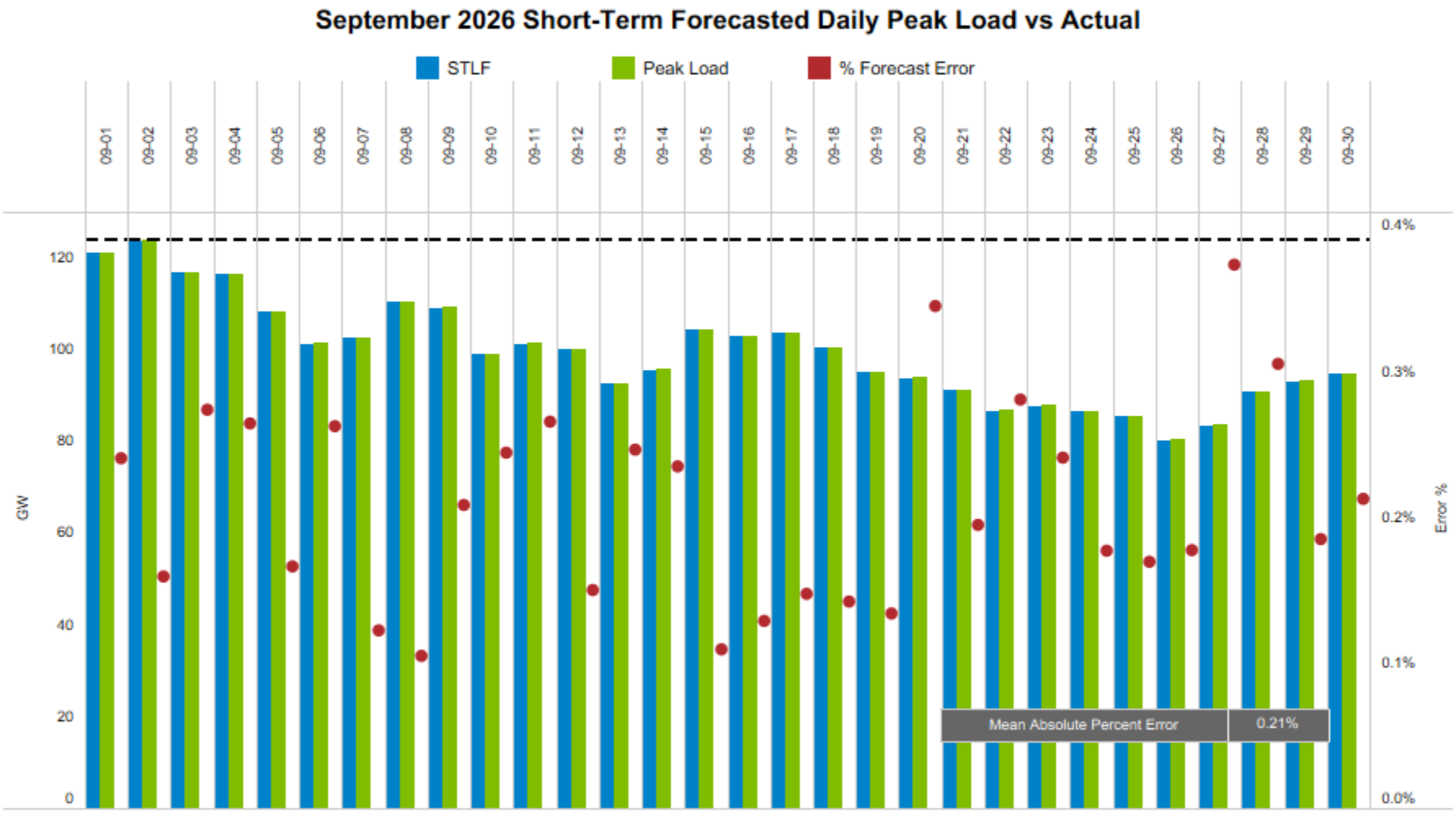


	2025				2026								
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
% Std of Error (CV)	65.02	88.18	72.13	84.86	75.05	67.71	76.60	73.83	84.49	87.90	72.88	67.99	71.81
Mean of Error (MW)	2,382	841	731	1,167	1,369	1,274	1,420	1,438	1,902	1,406	1,591	2,001	1,507
Std of Error (MW)	1,549	742	527	990	1,027	863	1,087	1,061	1,607	1,236	1,159	1,360	1,083

* Monthly data based on the average of the daily integrated peak hours in the month
* Daily data based on the integrated peak hour of the day
* Peak Day and Hour End based on Hourly Integrated Peak Load Hour

Source: MISO Operations Risk Management

Short-Term Load Forecast*

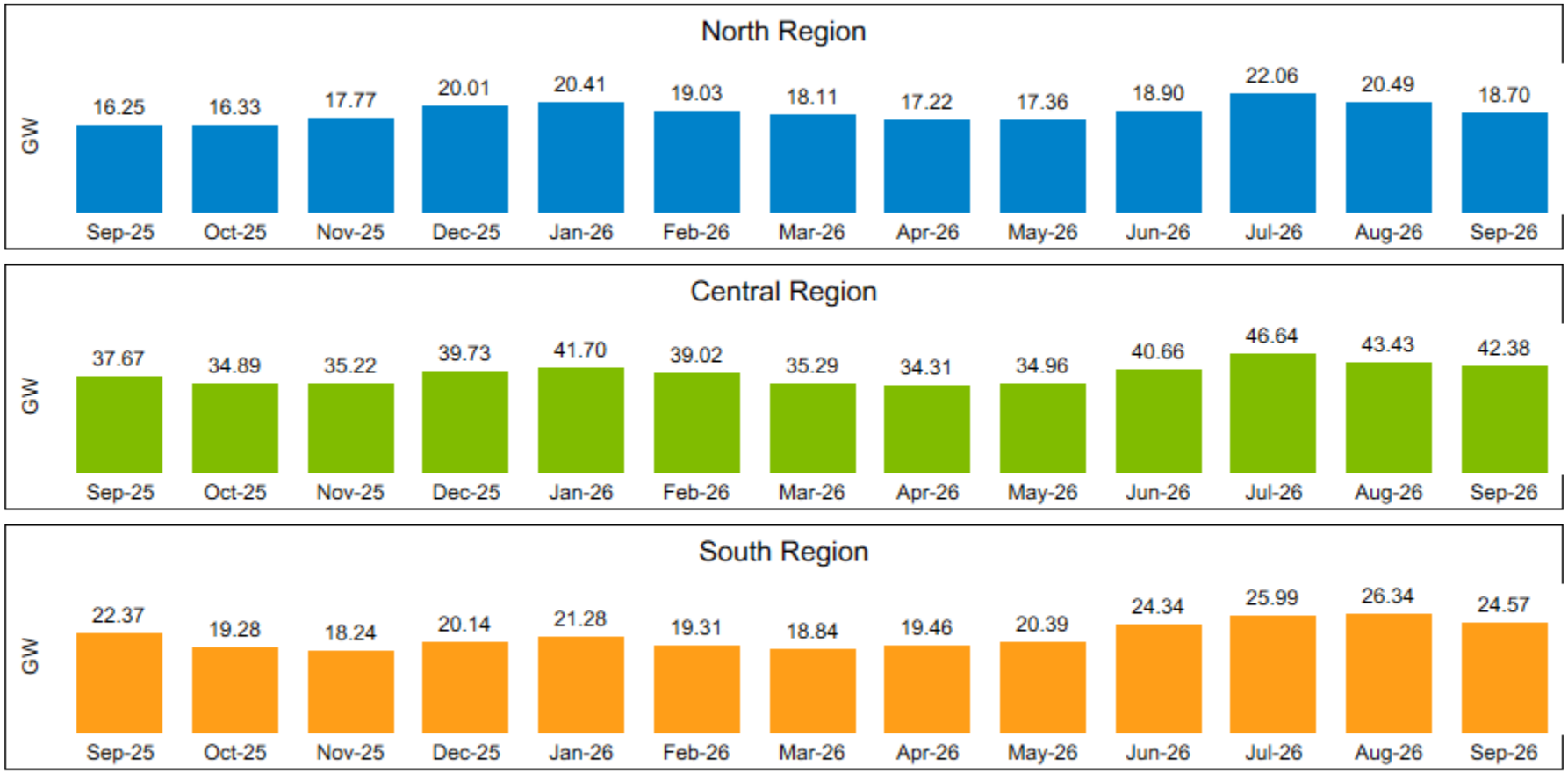


Daily data based on the average of five-minute interval data at the peak hour of the day
Error Threshold calculated as 95% quantile of Forecast Error from Jan-Dec of the previous year

Peak Day and Hour End based on Hourly Integrated Peak Load Hour

Source: MISO Operations Risk Management

Average Load by Region

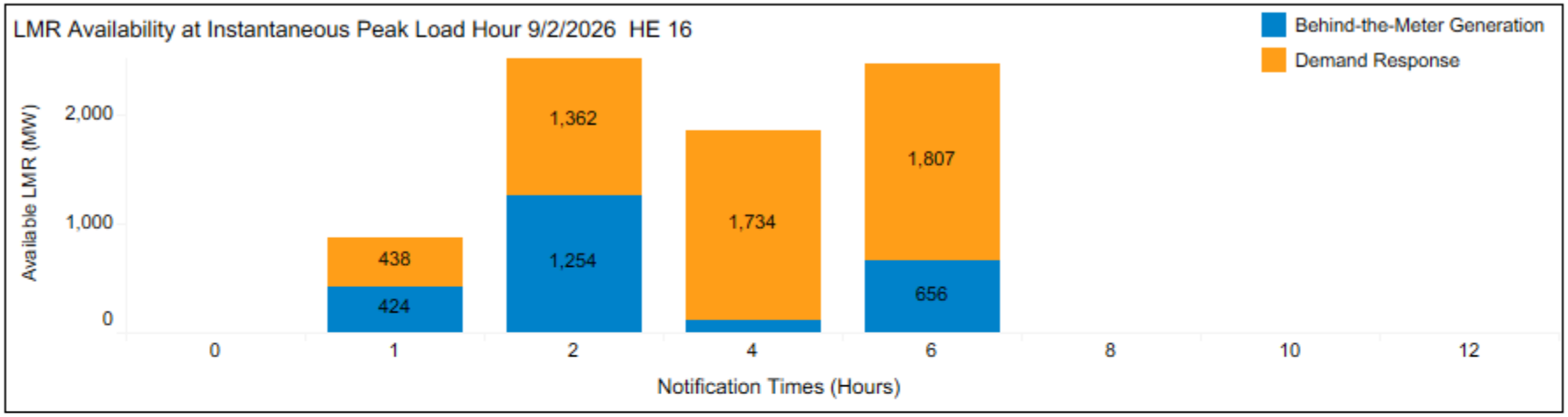


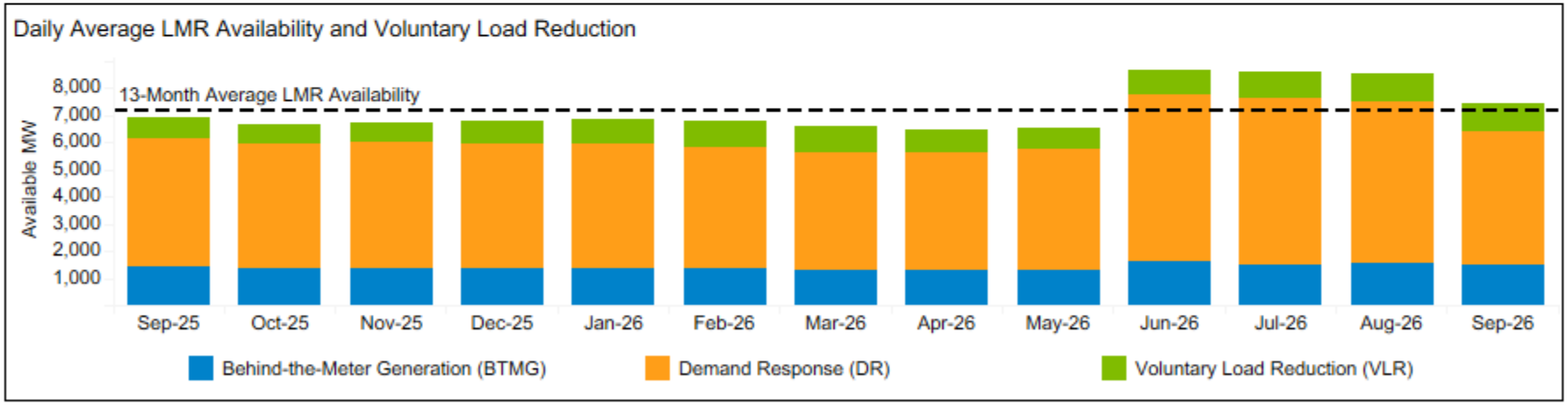
Hourly Integrated System Load Peak Hour Ending: 09/02/2026 17 EST

North	26.54 GW
Central	66.50 GW
South	32.19 GW
MISO	122.86 GW

**Monthly data based on hourly ICCP Load Data; Hourly Integrated Peak Load Hour could differ from the Instantaneous Peak Load Hour.*
Source: MISO Market and Operations Analytics Department

Market Participant entered Load Modifying Resource (LMR) Availabililty

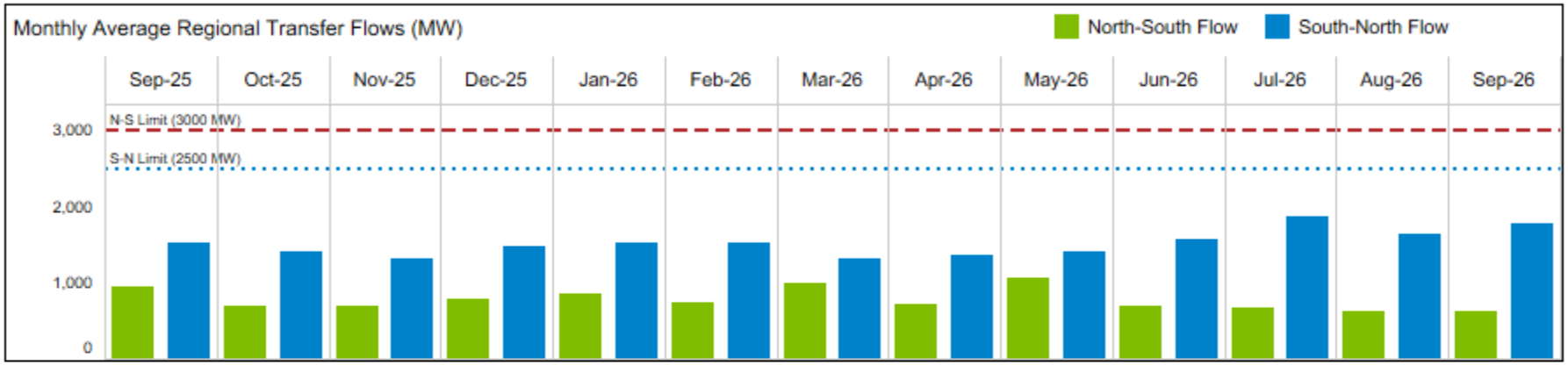




PRA Auction	BTMG (MW)	DR (MW)	Total BTMG and DR (MW)
Fall 2025	3,647	7,768	11,415
Fall 2026	3,923	7,364	11,287

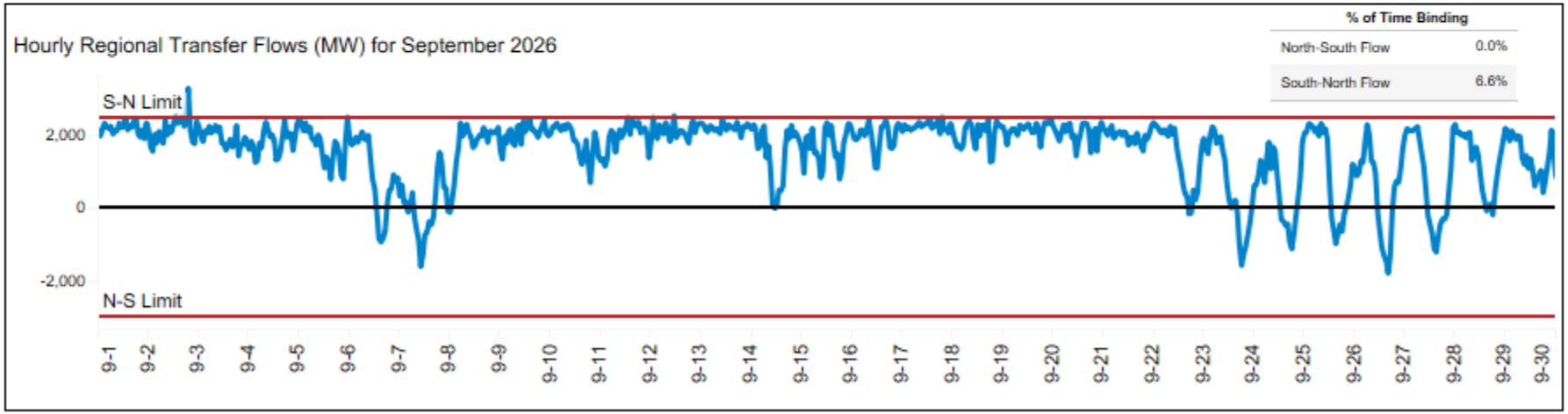
Source: MISO Markets and Operations Analytics Department

Regional Directional Transfer**



Percentage of Time Regional Directional Flow

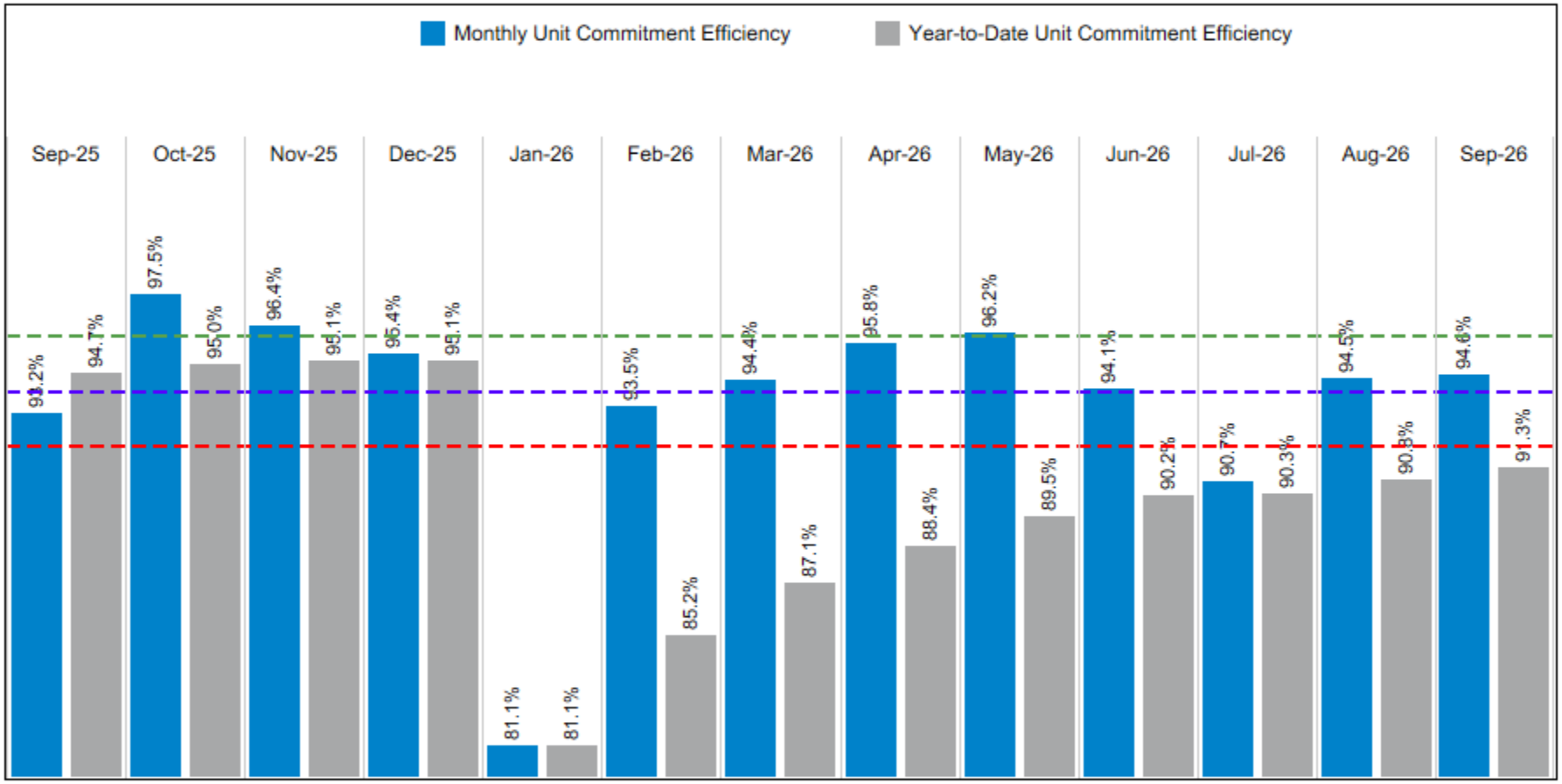
	Sep-25	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26
North-South Flow	12%	19%	15%	13%	18%	15%	28%	20%	23%	10%	1%	13%	9%
South-North Flow	88%	81%	85%	87%	82%	85%	72%	80%	77%	90%	99%	87%	91%



***Regional Directional Transfer between MISO South and Central/North Regions*
Source: MISO Markets and Operations Analytics Department

Unit Commitment Efficiency

Effectively commit generation to meet demand obligations and mitigate constraints

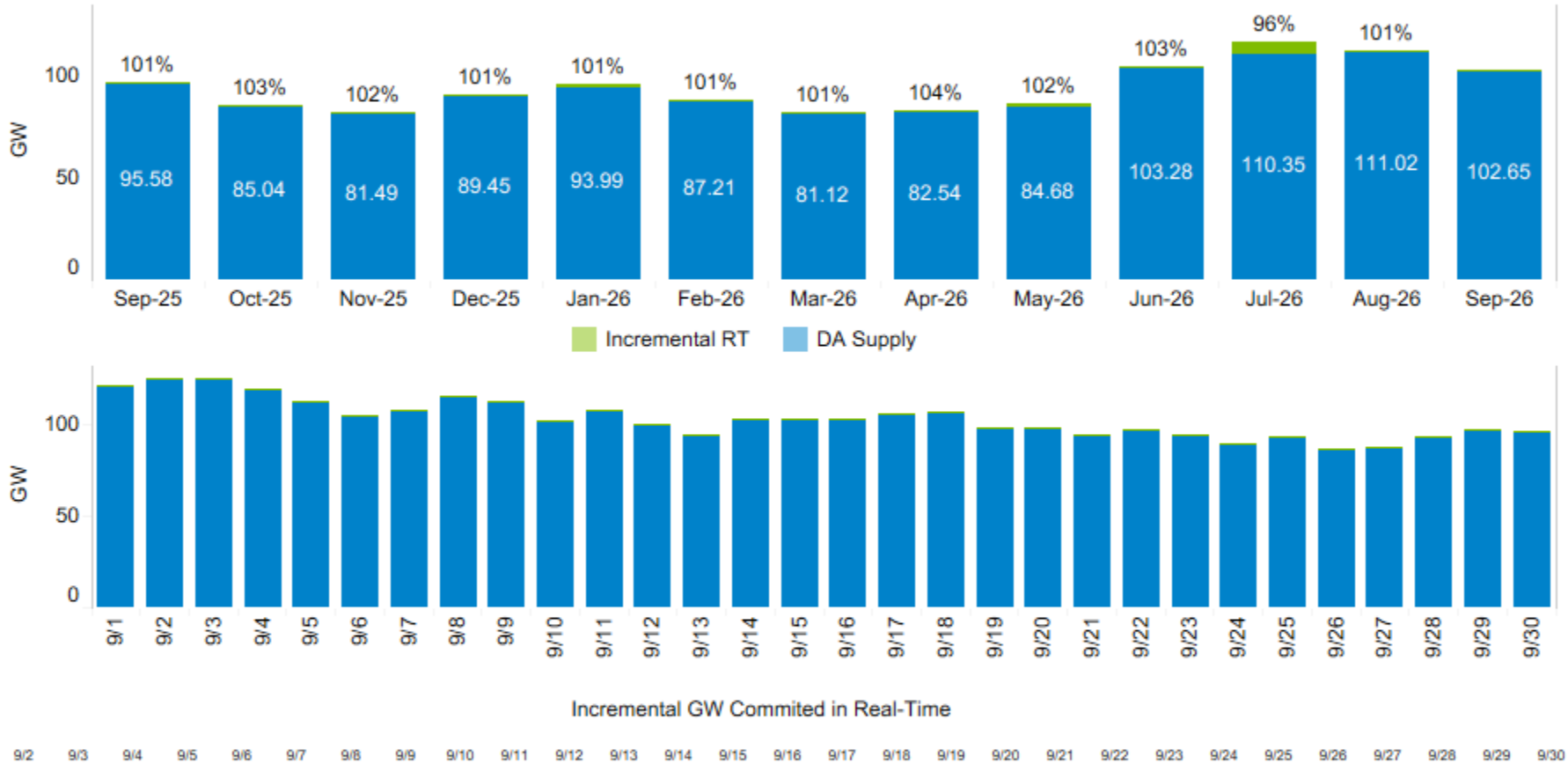


	Sep-25	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26
Actual Cost	$1,041M	$899M	$929M	$1,173M	$2,130M	$1,023M	$835M	$723M	$771M	$1,071M	$1,391M	$1,243M	$1,190M
Optimal Cost	$1,029M	$894M	$923M	$1,163M	$2,059M	$1,012M	$827M	$717M	$766M	$1,061M	$1,371M	$1,232M	$1,178M
Sunk Cost	$864M	$732M	$758M	$952M	$1,756M	$842M	$689M	$596M	$639M	$891M	$1,171M	$1,054M	$970M

Source: MISO Optimal Dispatch Calculator (ODC)

Unit Commitment Efficiency = 1-((Actual cost – Optimal cost)/(Actual cost – Sunk cost))

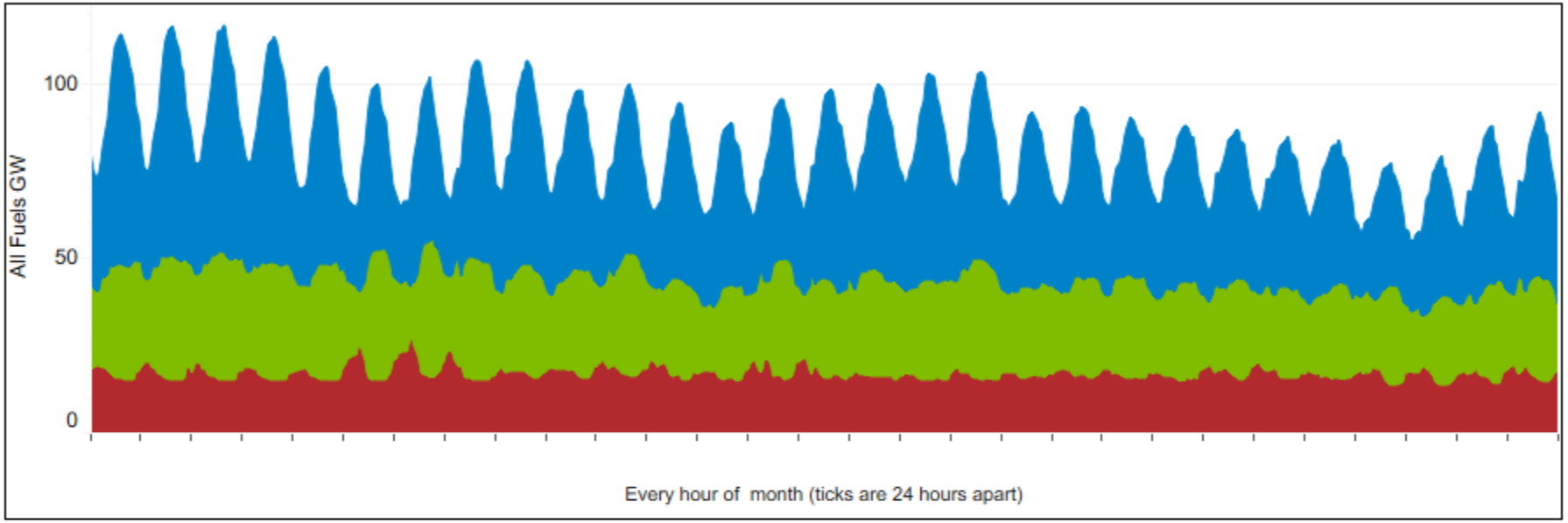
Day-Ahead Supply and Real-Time Load Obligation at the Peak Load Hour



Day-Ahead Supply is the Day-Ahead Economic Maximum received in Real-Time plus Behind-the-Meter plus Day-Ahead NSI at the Peak Hour
Real-Time Obligation is the Real-Time ICCP Load plus Real-Time Regulation Requirement plus Real-Time Spinning Requirement at the Peak Hour
Real-Time Increment is the Real-Time Obligation less Day-Ahead Supply at the Peak Hour
Percents calculated as Day-Ahead Supply divided by Real-Time Obligation

Source: MISO Market and Operations Analytics Department

Self Committed and Economically Dispatched Energy - September 2026

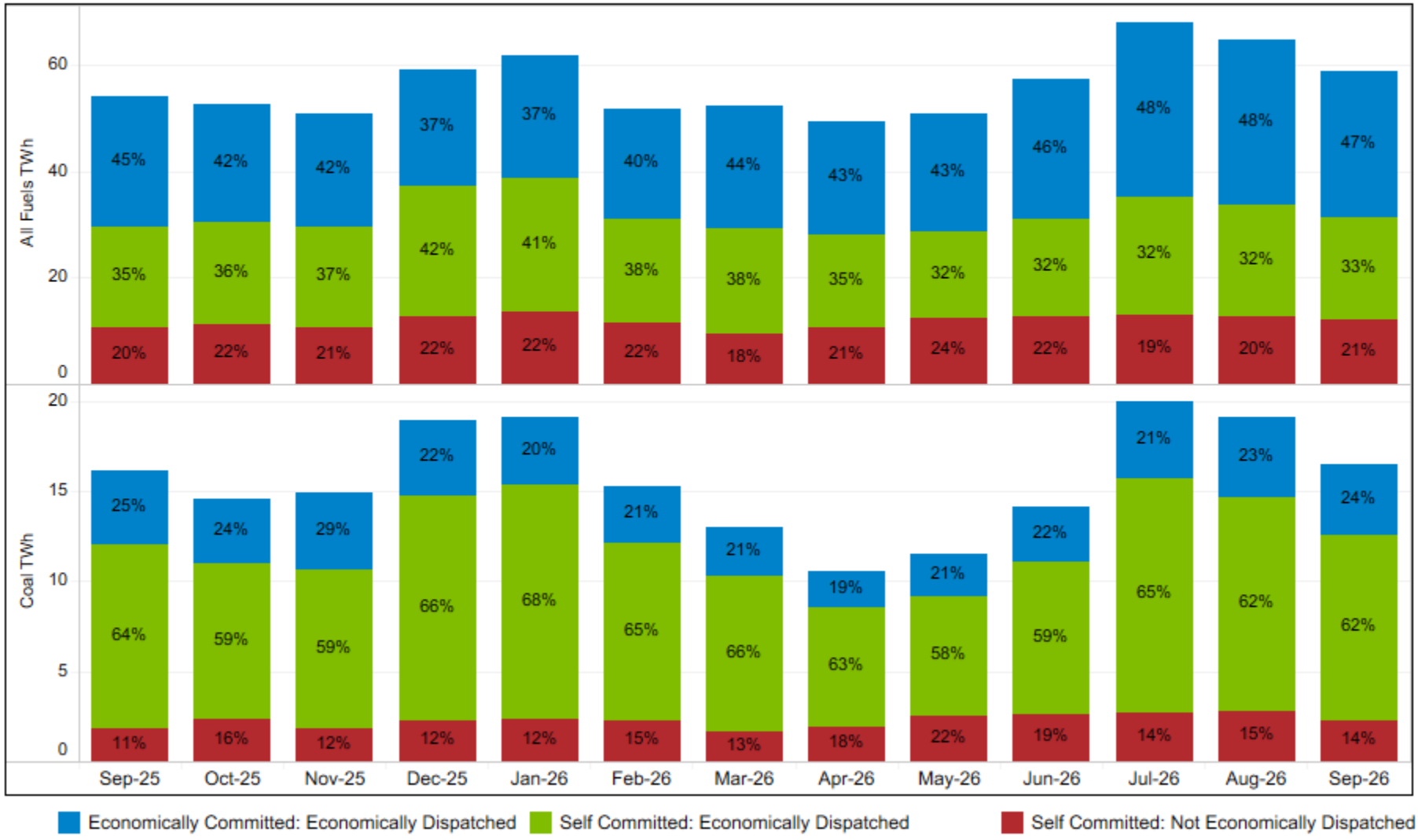


	All Fuels		Coal	
	DA TW	Da Mw Prop	DA TW	Da Mw Prop
Economically Committed: Economically Dispatched	316.8	562	45.8	291
Self Committed: Economically Dispatched	260.2	464	128.4	816
Self Committed: Not Economically Dispatched	153.5	274	29.5	193
Grand Total	**730.5**	**1,300**	**203.7**	**1,300**

Economically Committed: Economically Dispatched	Generation committed by MISO and dispatched on economic offers.
Self Committed: Economically Dispatched	Generation that is self-committed, but Resource Owners allow MISO to dispatch economically after the self-schedule portion of their resource offer is satisfied. Self-commitments can be used to manage local reliability, operational constraints, and fuel contract constraints.
Self Committed: Not Economically Dispatched	Energy from self-committed generation produced at its minimum level or is block-loaded and cannot be dispatched. Block Loaded energy is not necessarily uneconomic, but MISO has no ability to dispatch it based on economics.

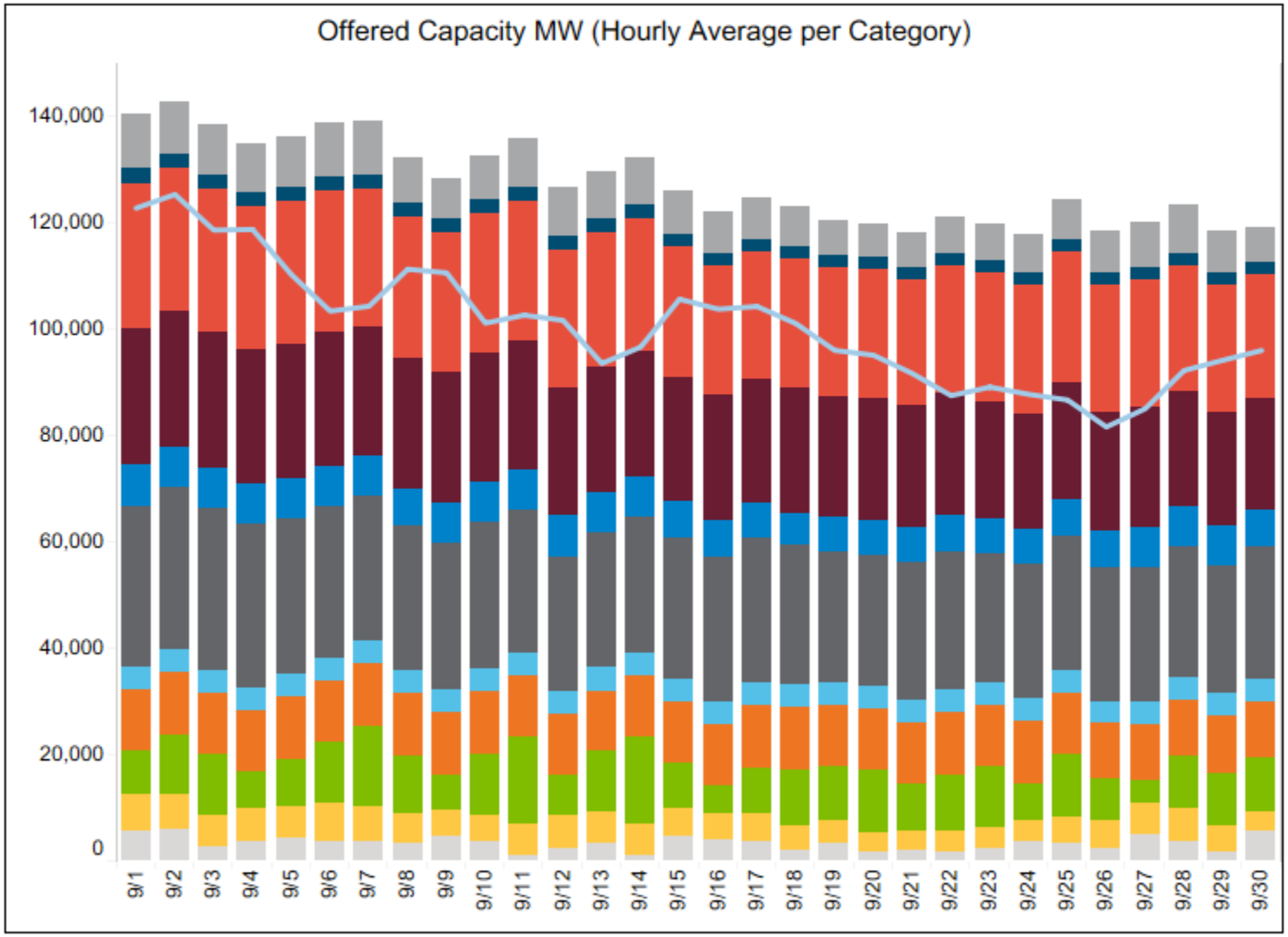
Source: MISO Market and Operations Analytics Department

Monthly Trend - Self Committed and Economically Dispatched Energy



Source: MISO Market and Operations Analytics Department

Offered Capacity and Real-Time Peak Load Obligation



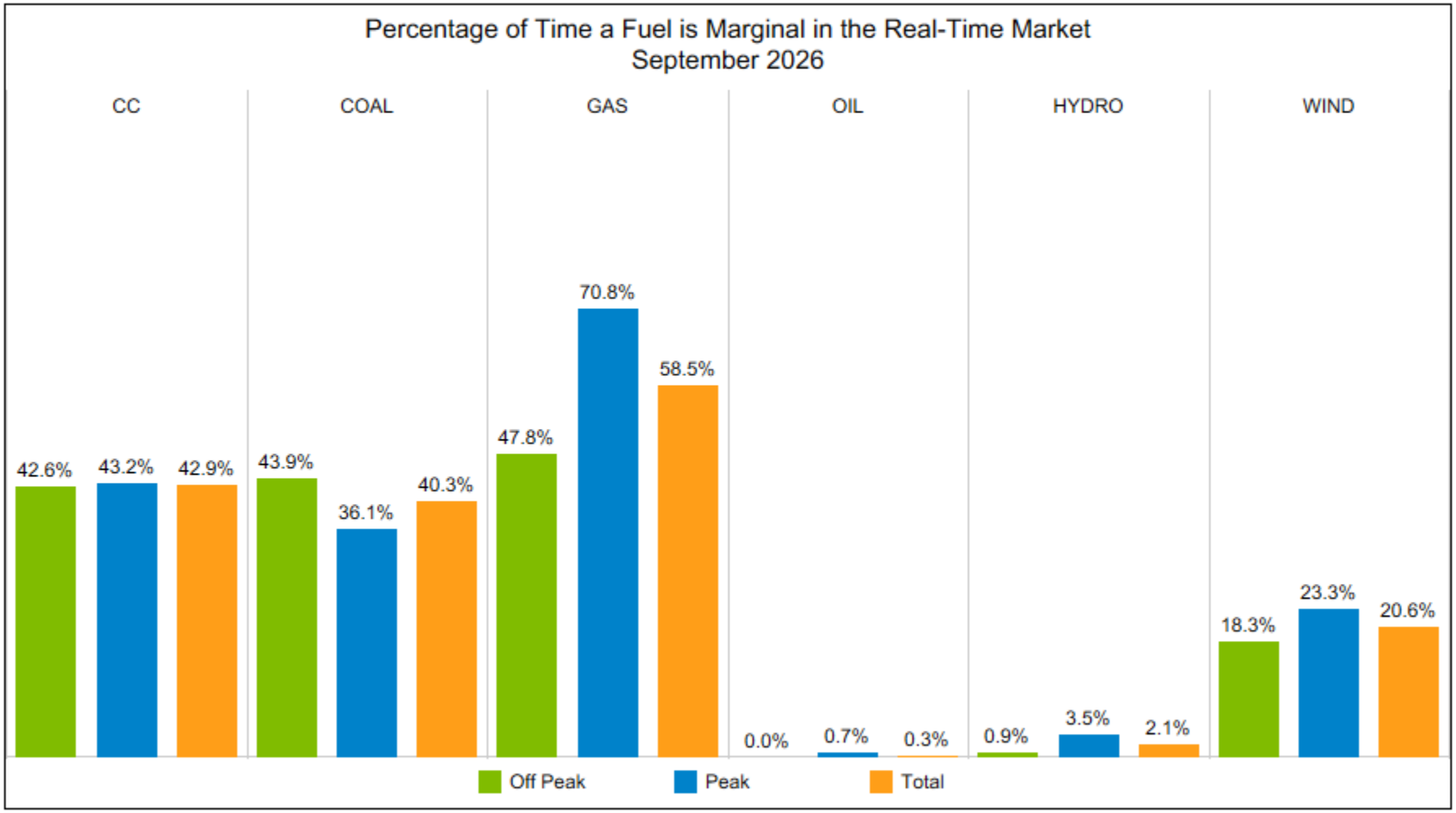
* Real-Time ICCP Load plus Real-Time Regulation Requirement plus Real-Time Spinning Requirement at the daily Peak hour.

** Other includes DRR, SER, pet coke, and waste units.

*** Gas excludes CC and CT.

Source: MISO Market and Operations Analytics Department

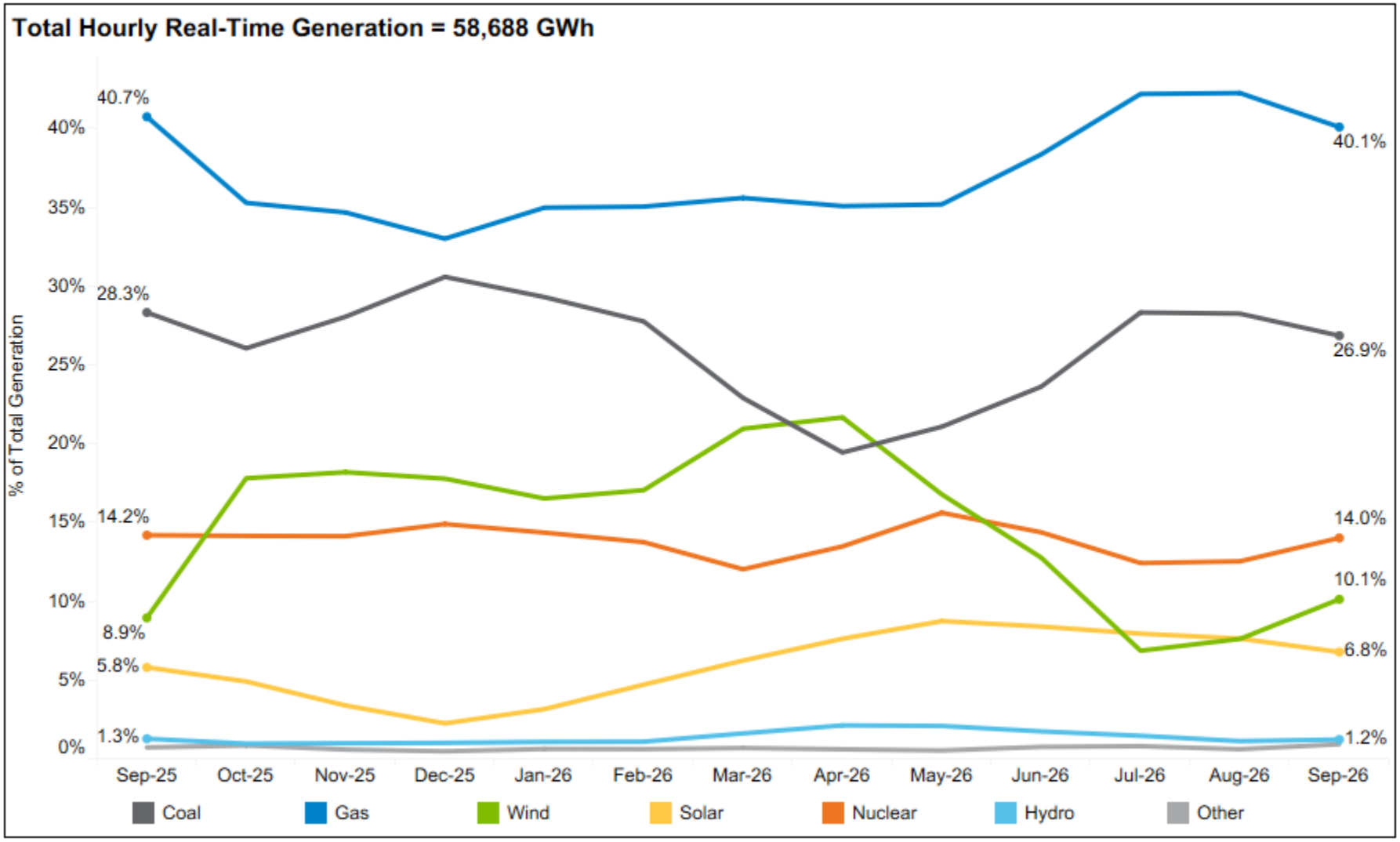
Marginal Fuel



Note: Binding transmission constraints can produce instances where more than one unit is marginal in the system. Consequently, more than one fuel may be on the margin; and since each marginal unit is included in the analysis, the percentage may sum to more than 100%.

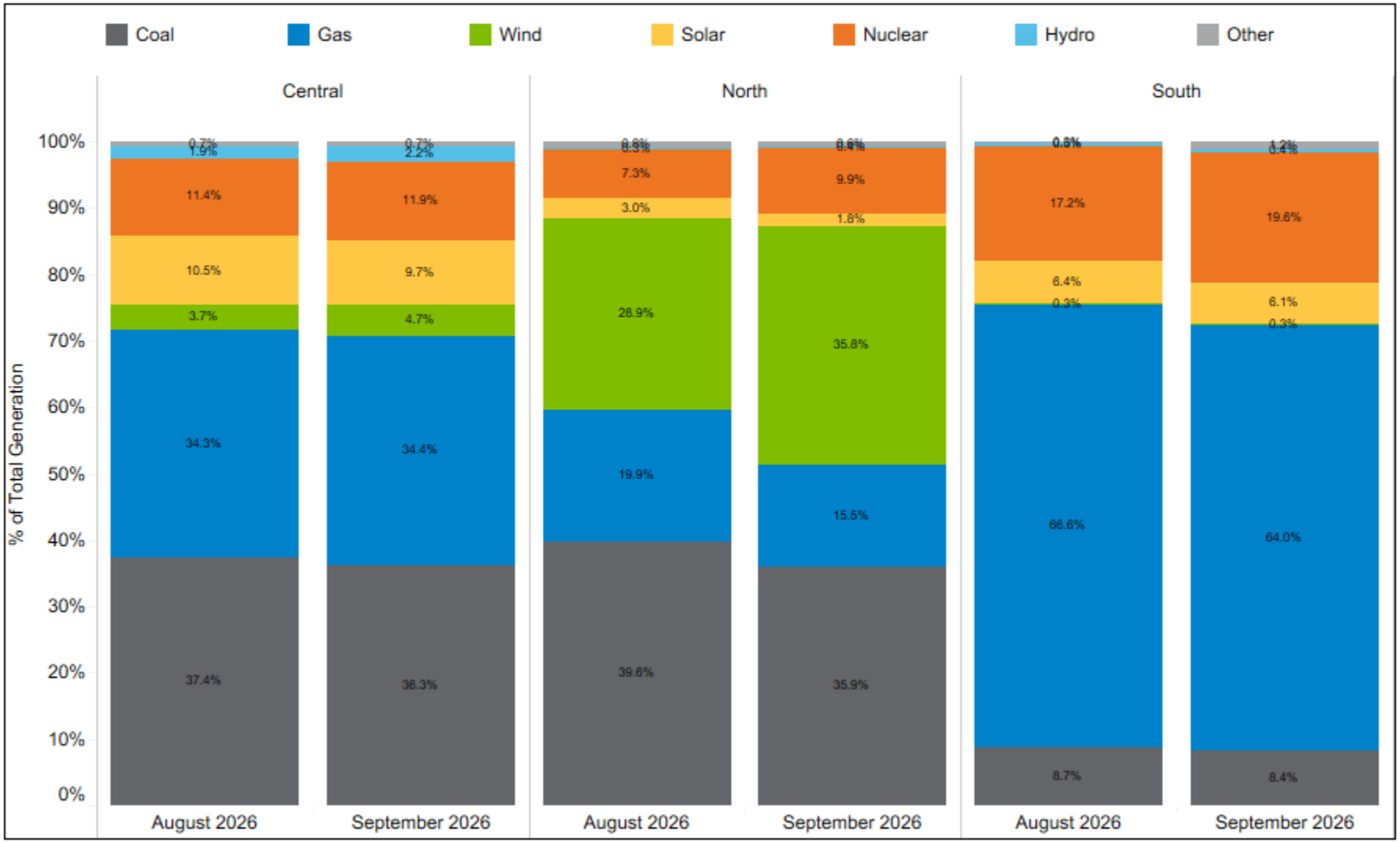
Source: MISO Market and Operations Analytics Department

Real-Time Generation Fuel Mix



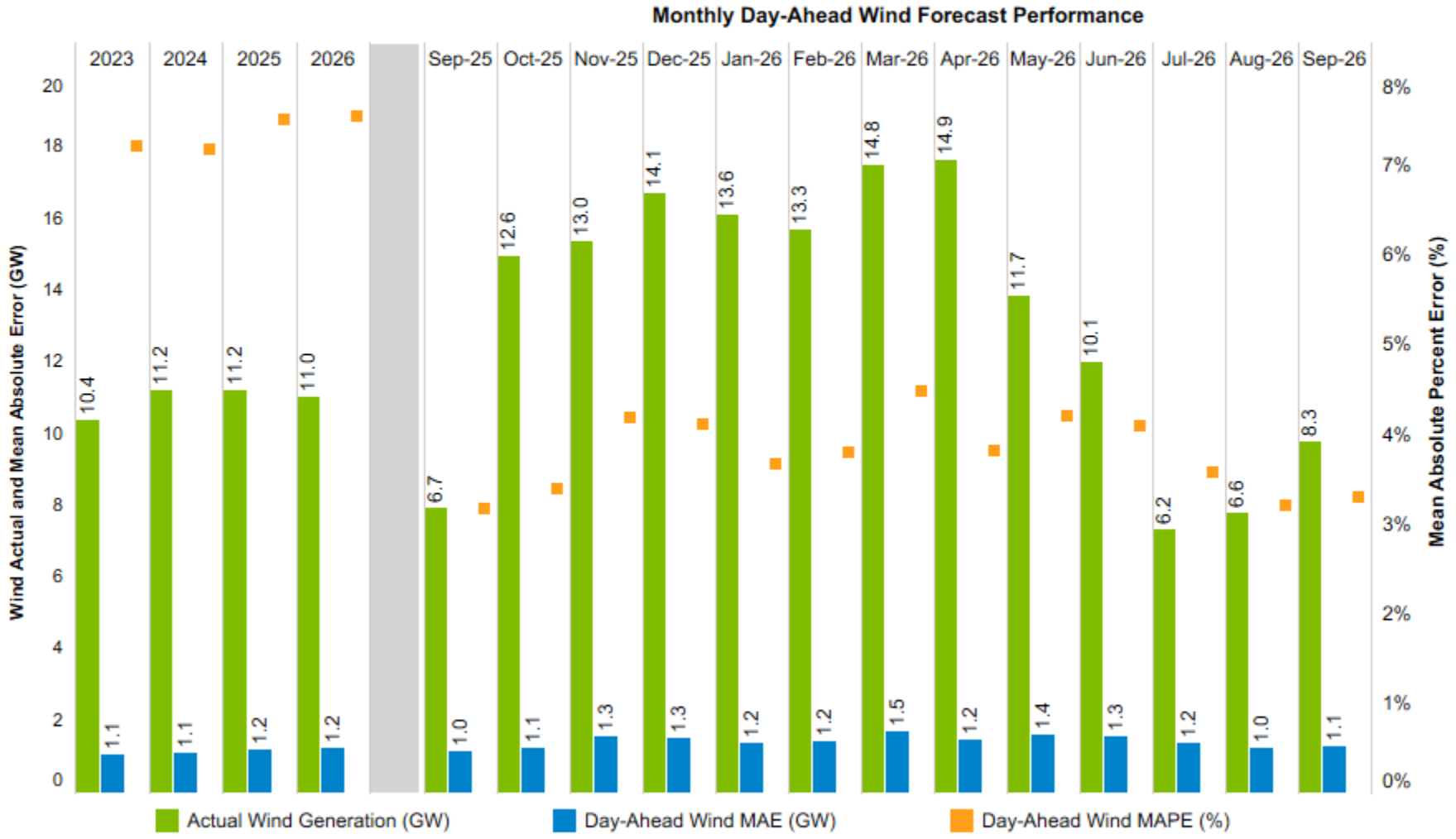
Based on hourly unit level state estimator data
Other includes: Battery, Oil, Pet Coke, Waste and Other fuels
Source: MISO Market and Operations Analytics Department

Real-Time Generation Fuel Mix by Region



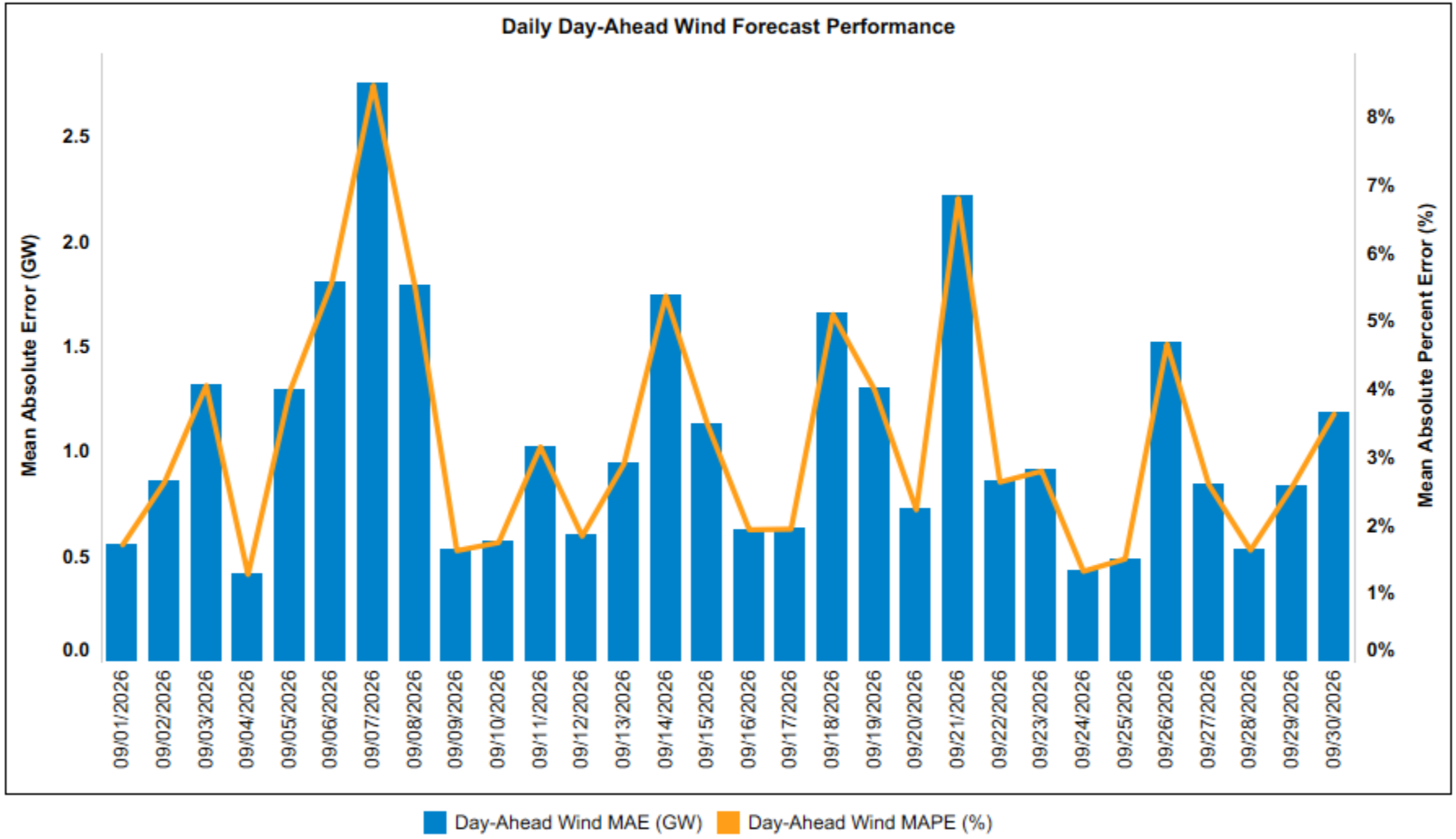
Based on hourly unit level state estimator data
Other includes: Battery, Oil, Pet Coke, Waste and Other fuels
Source: MISO Market and Operations Analytics Department

Monthly Day-Ahead Wind Forecast Performance: Mean Absolute Error (MAE) and Mean Absolute Percent Error (MAPE)



Source: MISO Operations Risk Management

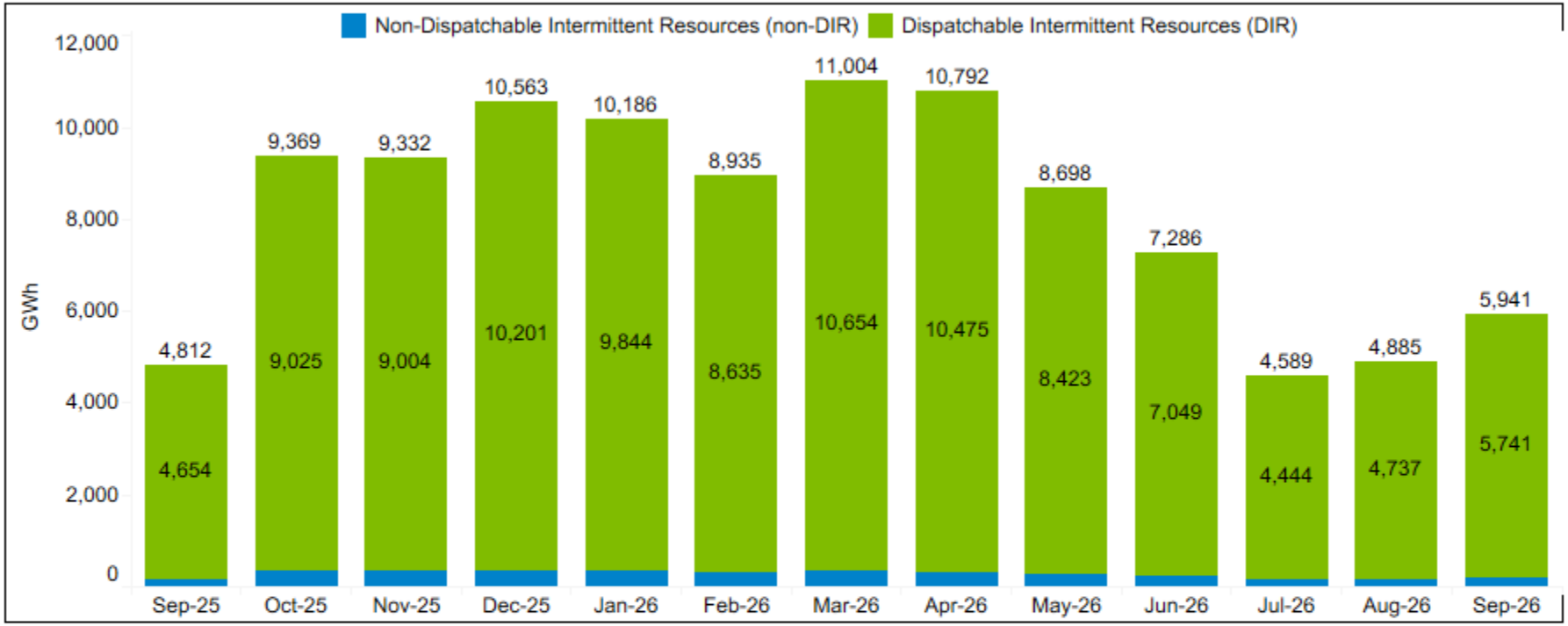
Daily Day-Ahead Wind Forecast Performance: Mean Absolute Error (MAE) and Mean Absolute Percent Error (MAPE)



Source: MISO Operations Risk Management

Monthly Wind Energy Generation

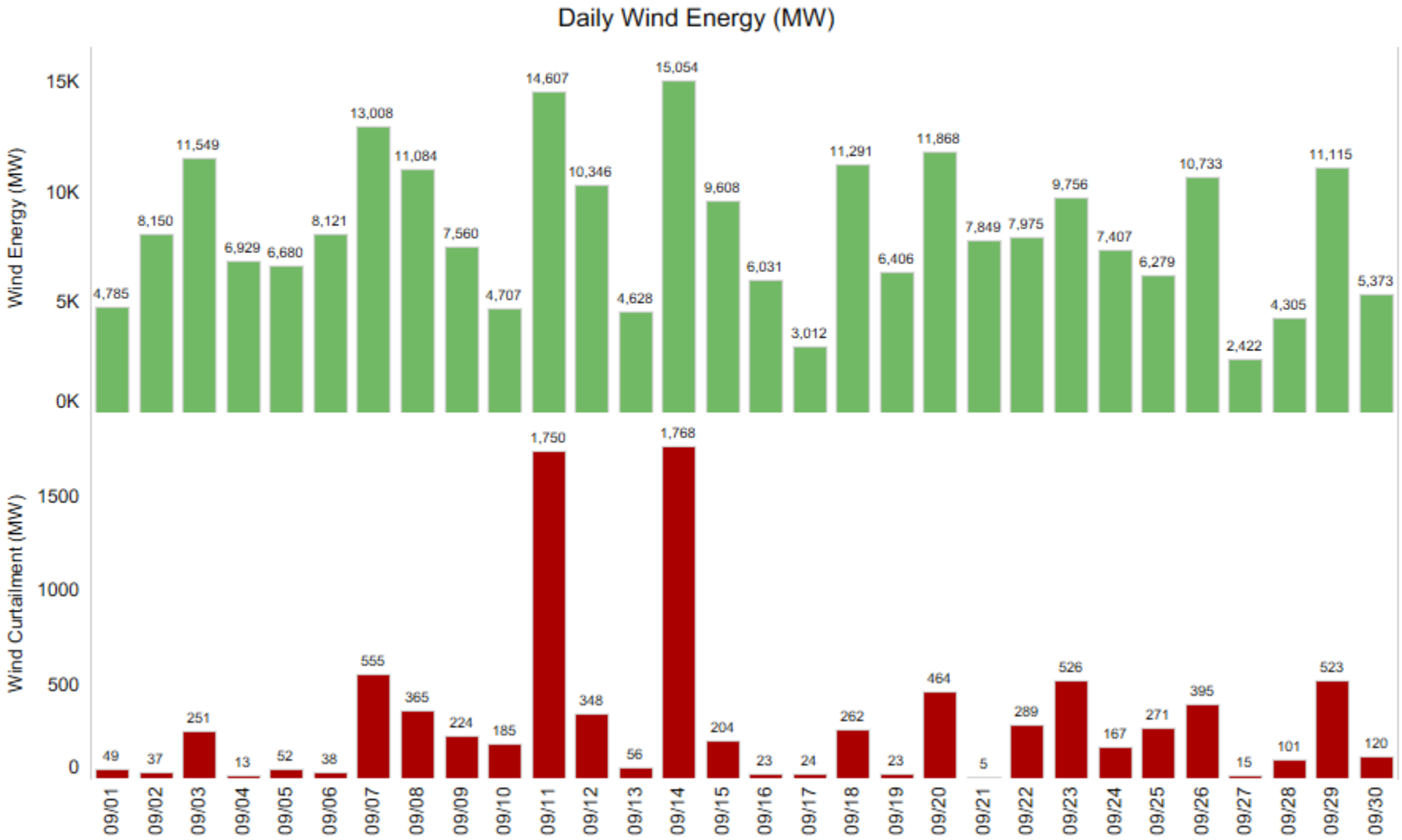
As of 03/06/2026
Registered Wind Capacity = 32,804 MW; Inservice Wind Capacity = 32,227 MW
Registered DIR Capacity = 31,276 MW; Inservice DIR Capacity = 30,729 MW



	Sep-25	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26
Peak Wind Date and Hour Ending	9/5 6	10/21 13	11/26 13	12/28 24	1/13 20	2/27 20	3/15 9	4/4 20	5/4 18	6/29 18	7/21 17	8/29 4	9/11 24
Peak hourly wind output (MW)	20,284	22,614	23,562	25,841	26,132	25,111	24,826	24,575	22,348	21,232	18,811	16,417	19,261
Peak wind output as % of MISO load in that hour	29.9%	29.8%	29.7%	35.8%	31.9%	33.1%	36.3%	33.9%	28.7%	17.3%	16.6%	23.6%	24.1%
Wind Energy as a percent of MISO Energy	9.2%	18.1%	18.2%	17.8%	16.5%	17.2%	21.1%	21.7%	17.0%	12.8%	7.1%	8.0%	10.4%
DIR dispatch below Max as % of avail. DIR	2.9%	2.9%	3.0%	2.7%	3.0%	2.7%	3.7%	4.6%	3.6%	3.7%	2.0%	1.8%	3.6%

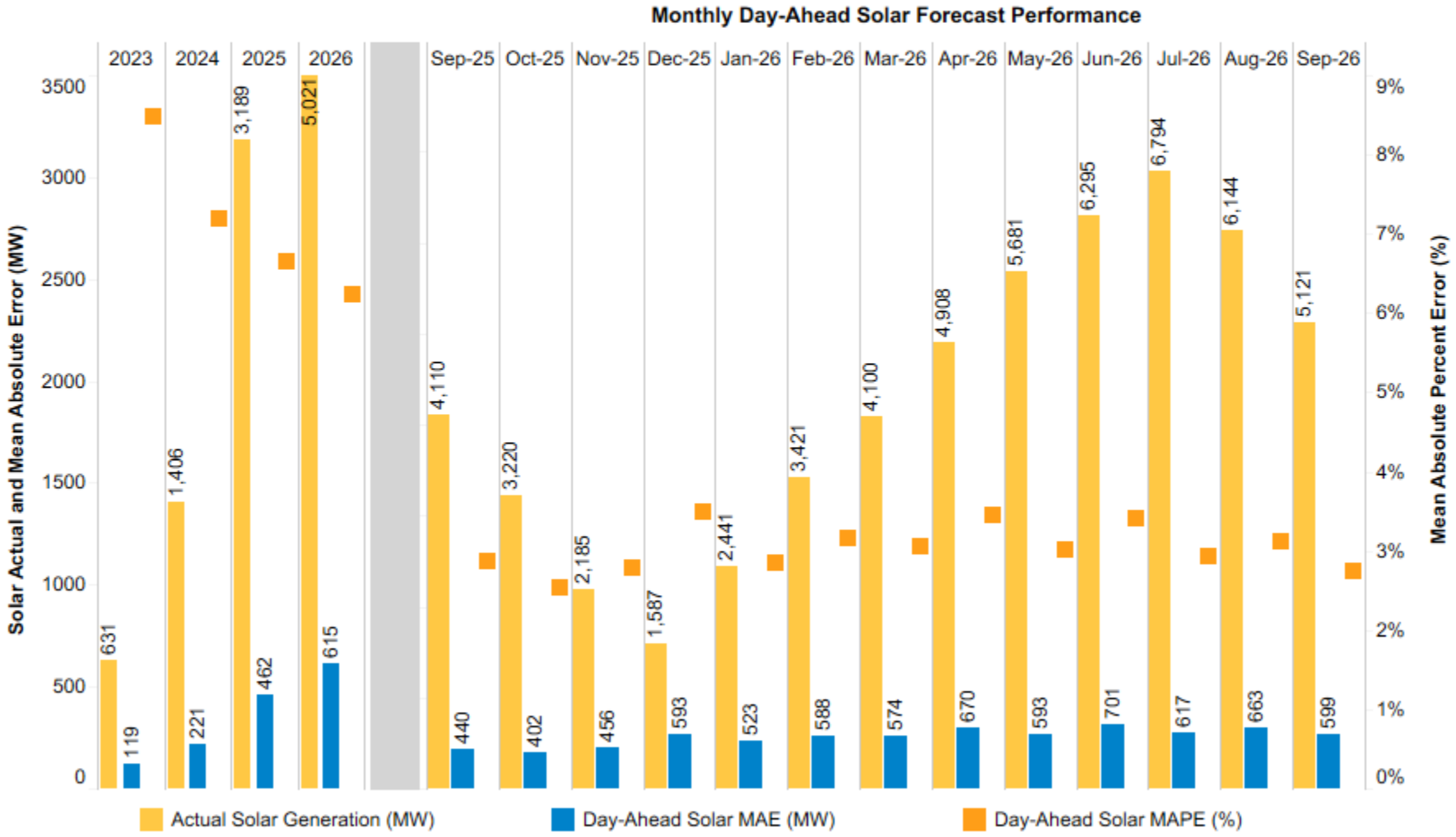
**Hourly State Estimator data*
Source: MISO Market and Operations Analytics Department

Daily Average Wind Energy and Curtailment



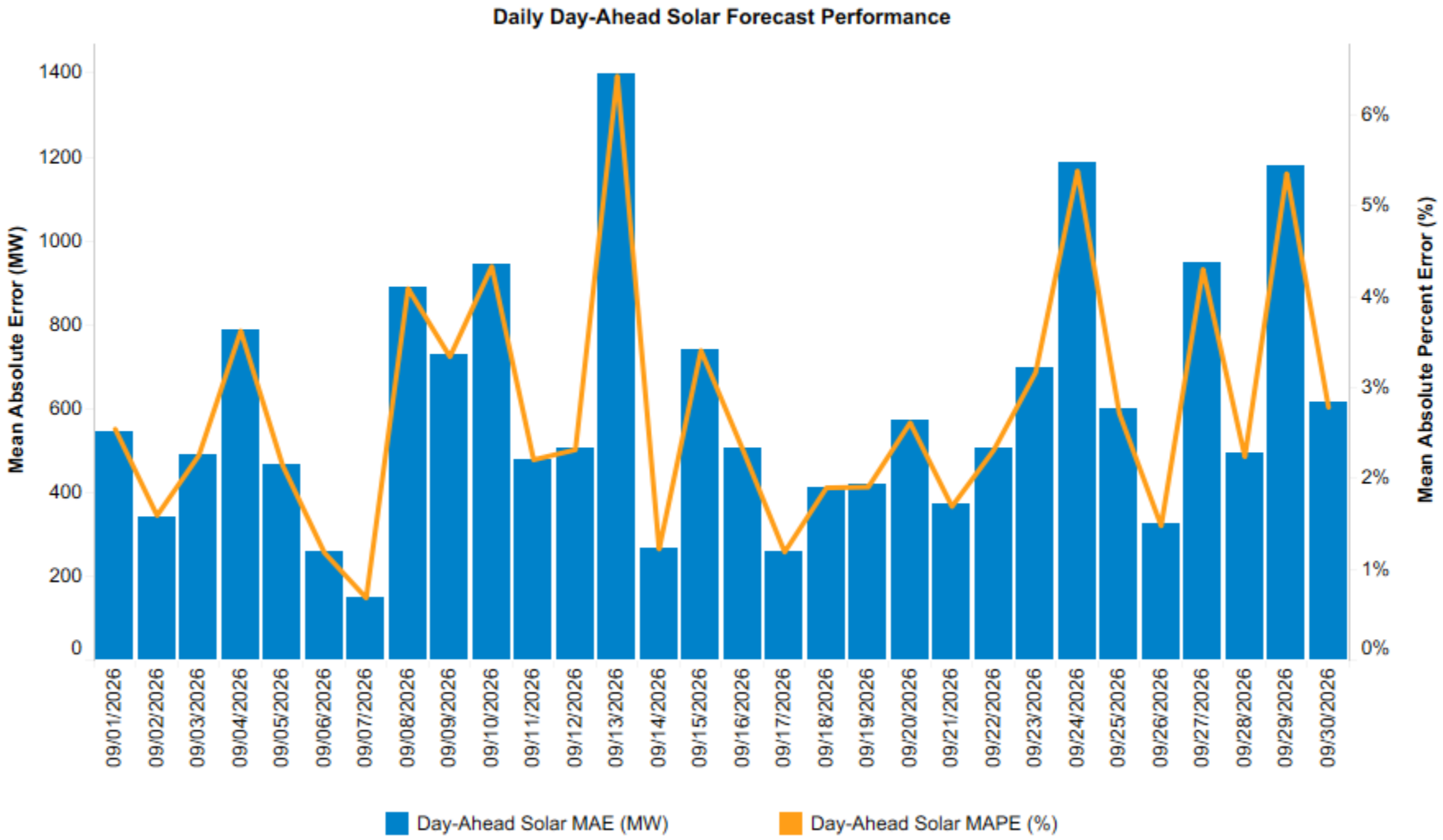
Source: MISO Market and Operations Analytics Department

Monthly Day-Ahead Solar Forecast Performance: Mean Absolute Error (MAE) and Mean Absolute Percent Error (MAPE)



Source: MISO Operations Risk Management

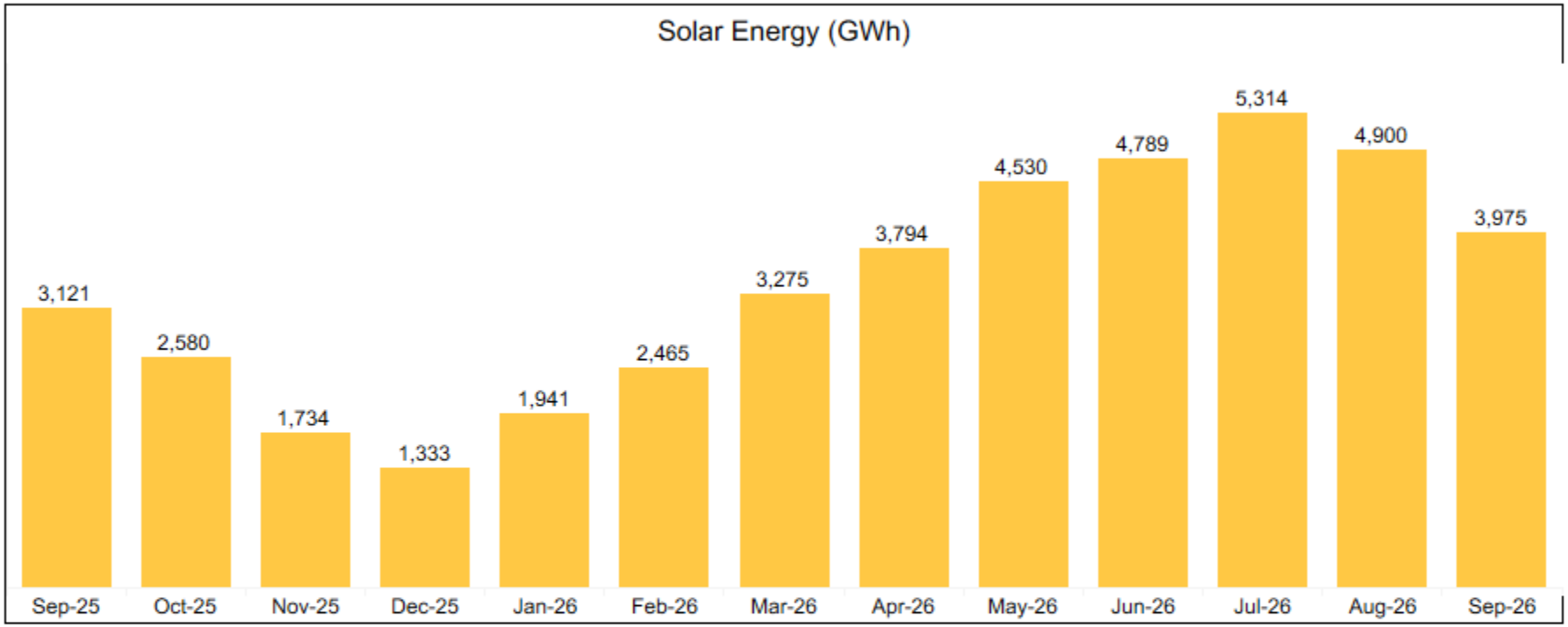
Daily Day-Ahead Solar Forecast Performance: Mean Absolute Error (MAE) and Mean Absolute Percent Error (MAPE)



Source: MISO Operations Risk Management

Monthly Solar Energy

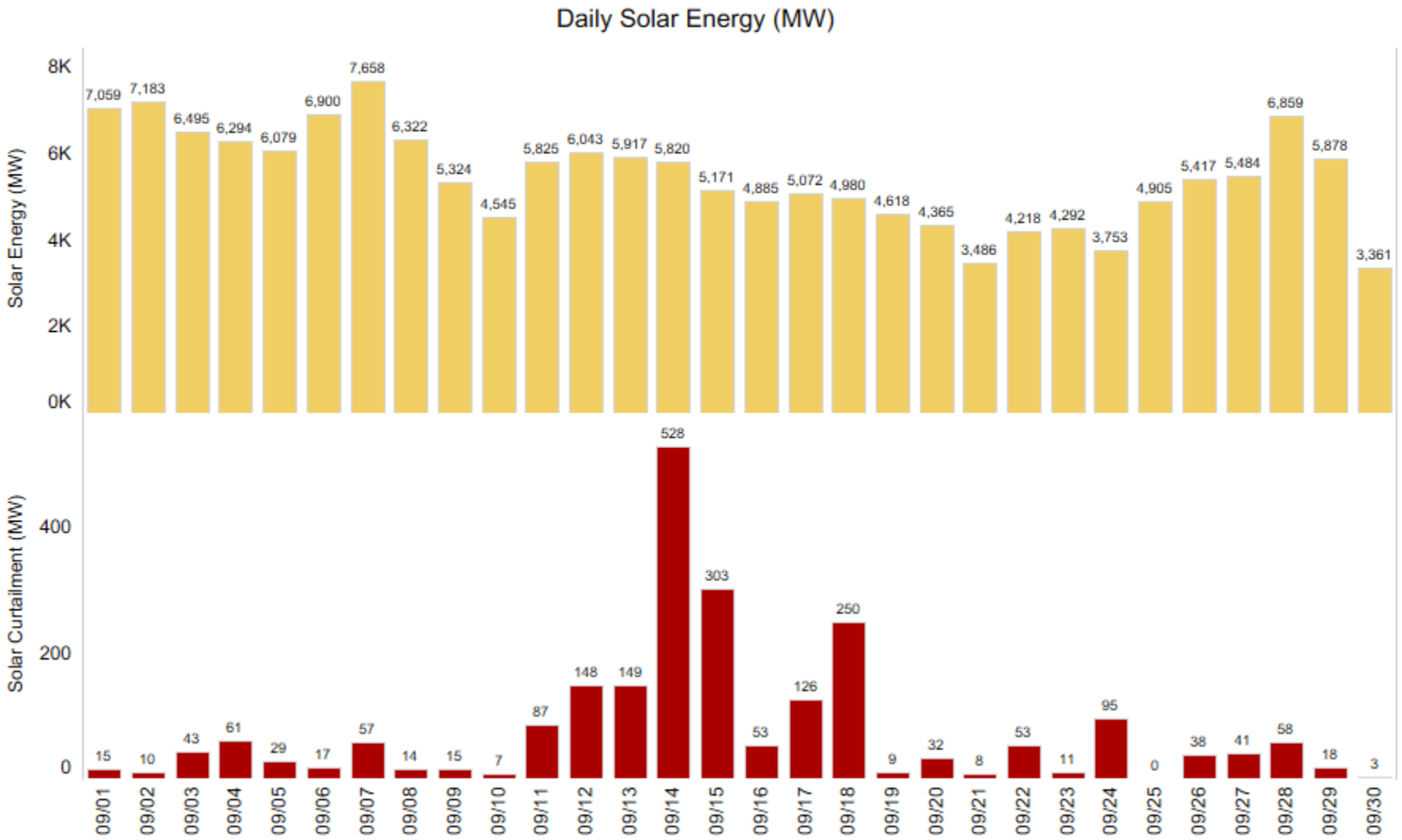
As of 03/06/2026
Registered Solar Capacity = 25,776 MW; Inservice Solar Capacity = 19,176 MW
Registered DIR Capacity = 25,604 MW; Inservice DIR Capacity = 19,004 MW



Peak Solar Date and Hour Ending	Sep-25 9/7 11	Oct-25 10/9 15	Nov-25 11/3 16	Dec-25 12/14 15	Jan-26 1/30 13	Feb-26 2/27 11	Mar-26 3/28 13	Apr-26 4/20 13	May-26 5/14 14	Jun-26 6/3 13	Jul-26 7/30 12	Aug-26 8/28 11	Sep-26 9/7 11
Peak Hour Solar Output (MW)	14,315	13,673	12,914	11,036	13,485	16,234	18,302	18,543	19,515	19,272	19,879	19,703	19,296
Peak Solar Output as a % of MISO Load in that hour	22.2%	17.9%	18.3%	12.7%	15.0%	21.7%	26.7%	26.4%	25.2%	22.1%	19.4%	21.9%	22.8%
Solar Energy as a % of MISO Energy	6.2%	5.4%	3.6%	3.5%	4.6%	5.7%	6.4%	7.6%	8.7%	8.5%	7.8%	7.4%	6.5%
DIR Dispatch below MAX as a % of avail. DIR	0.8%	1.5%	0.7%	1.0%	0.0%	0.7%	1.0%	2.1%	1.6%	0.9%	1.1%	1.1%	1.8%

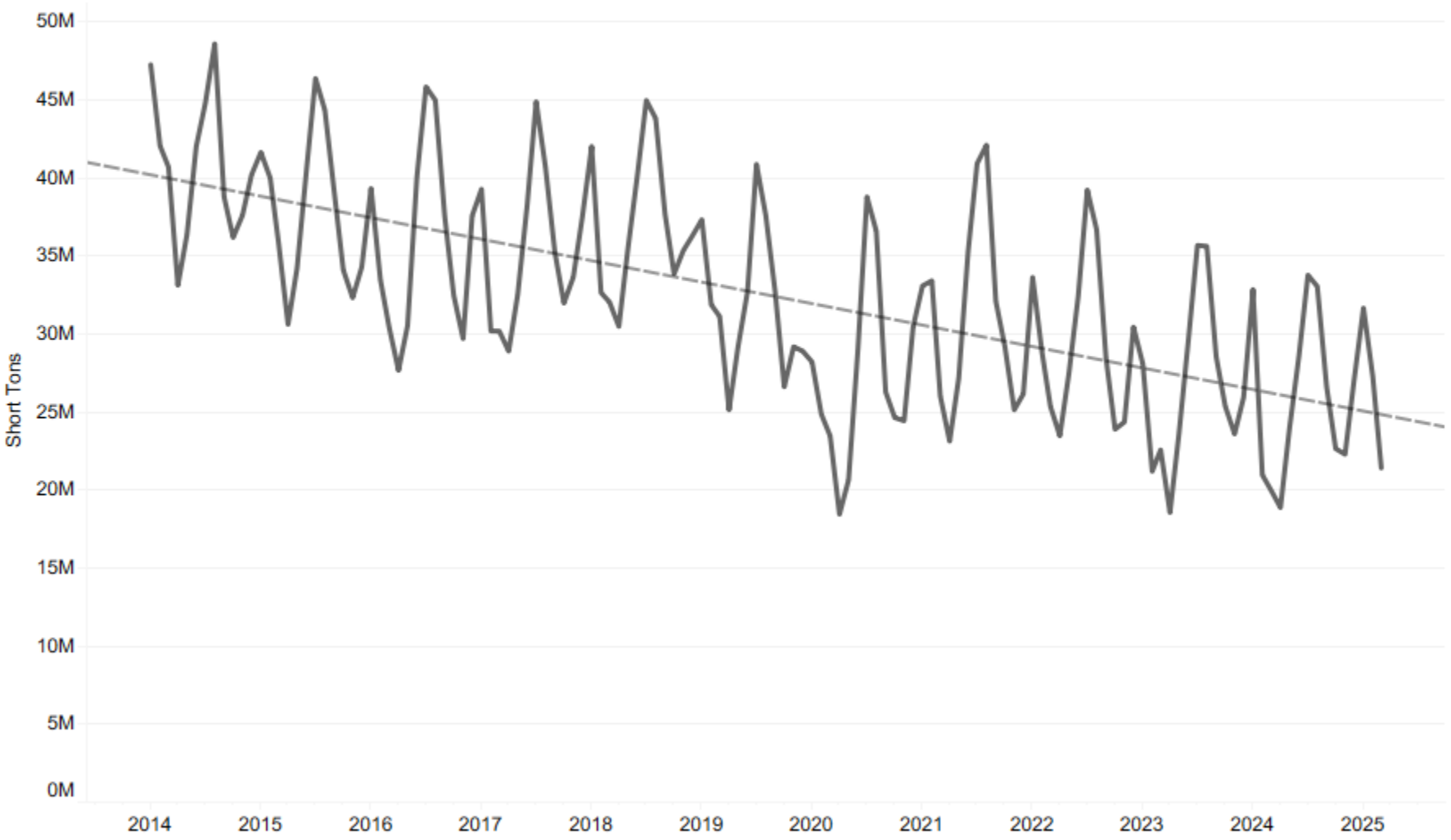
**Hourly State Estimator data*
Source: MISO Forecast Department

Daily Average Solar Energy and Curtailment



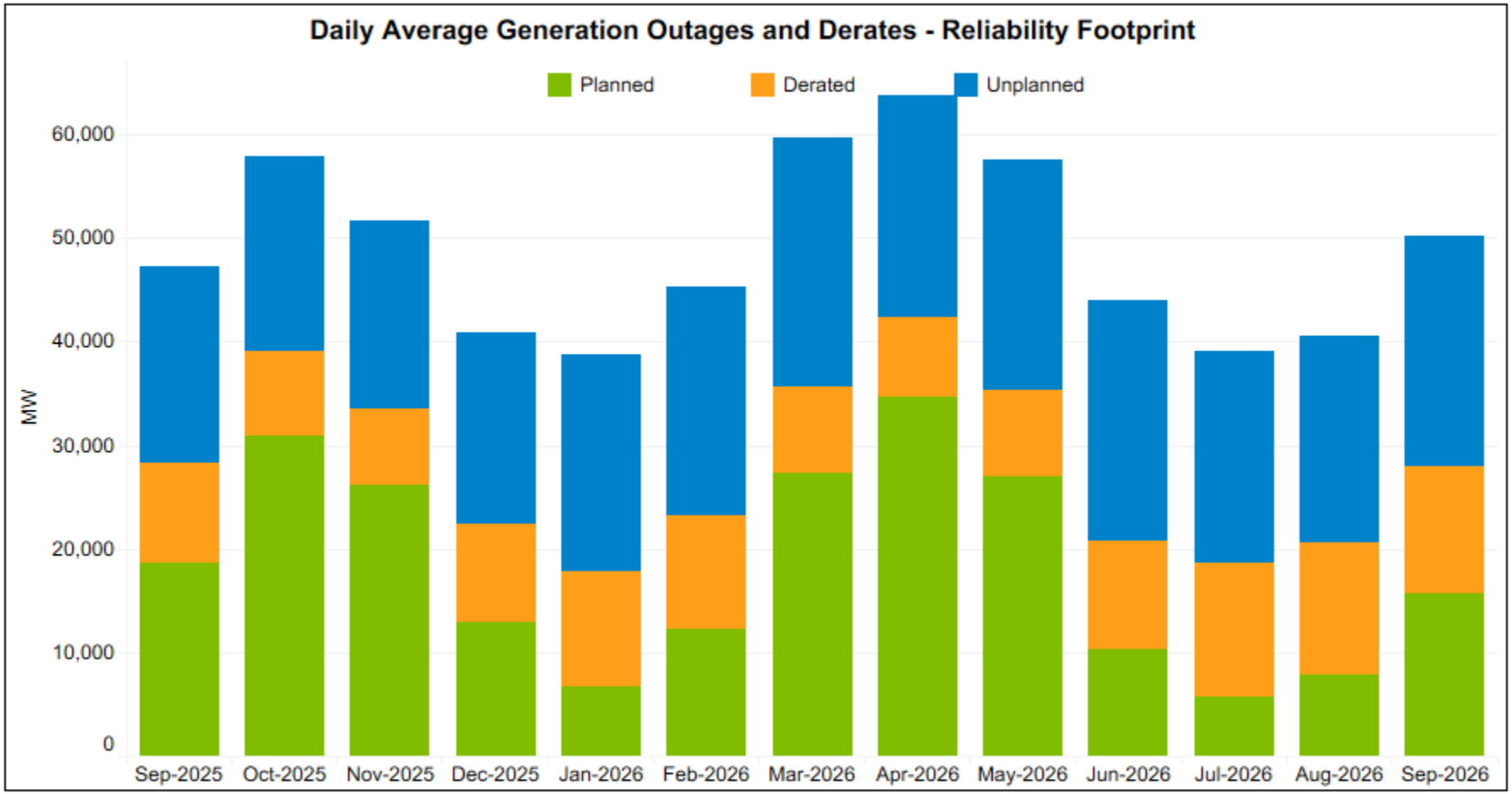
Source: MISO Market and Operations Analytics Department

Carbon Emissions



Data Source: EPA emissions through March 2025 and EPA EIA-860 2023
Emissions generated from MISO generators and does not account for volume of imports or exports
One Short Ton = 2000 lbs

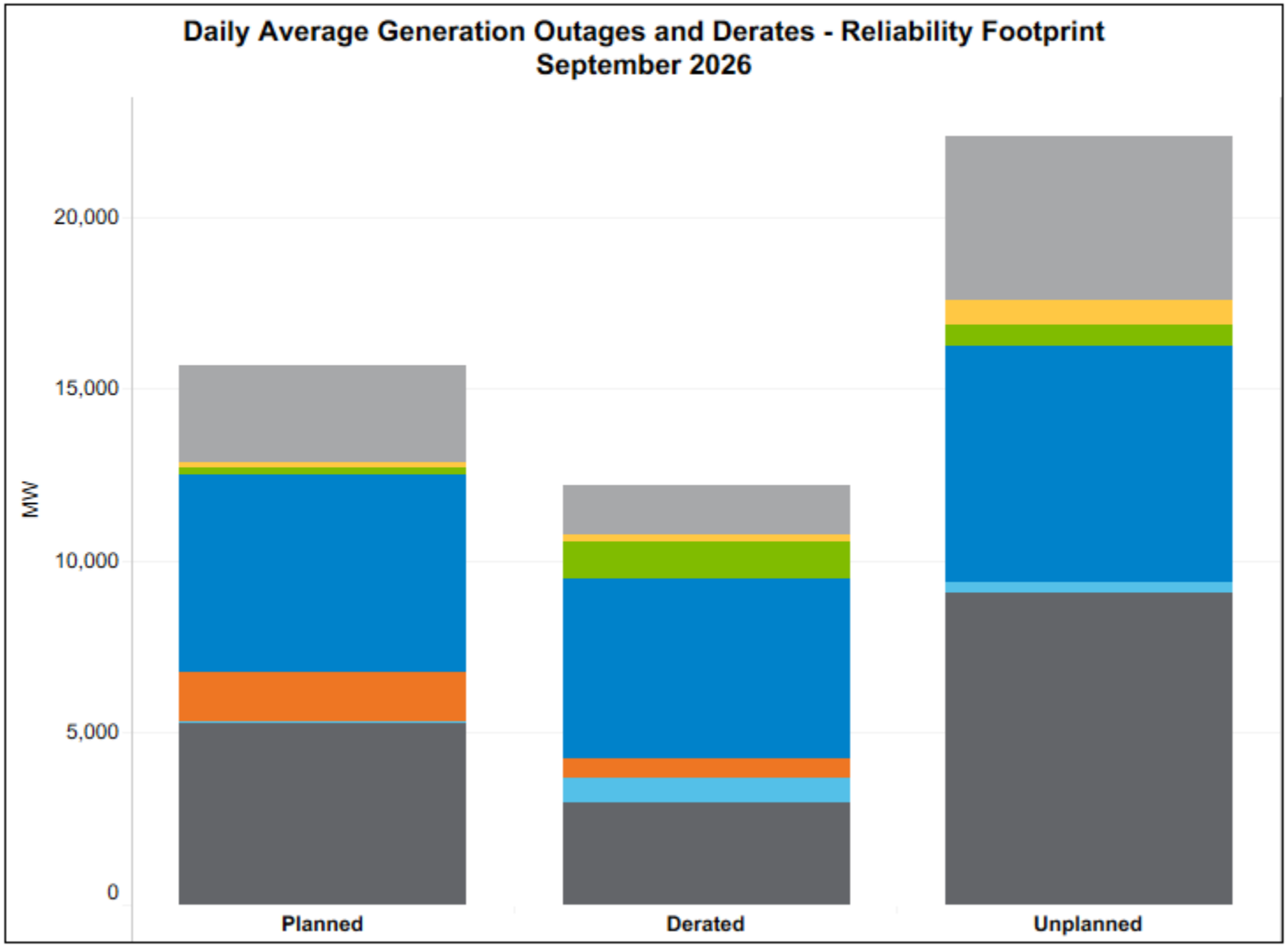
Generation Outages and Derates



Notes:
- *Unplanned Outages include Emergency, Forced, and Urgent*
- *Planned Outages include Planned*
- *De-rates are based on limits observed in Real-Time and may not reflect normal seasonal de-rates or de-rates for maintenance or other operating conditions*

Outage data is "point in time" and can change; the chart reflects the data as it resided in the system on the date of extraction
Source: MISO CROW Outage Scheduler

Generation Outages by Fuel

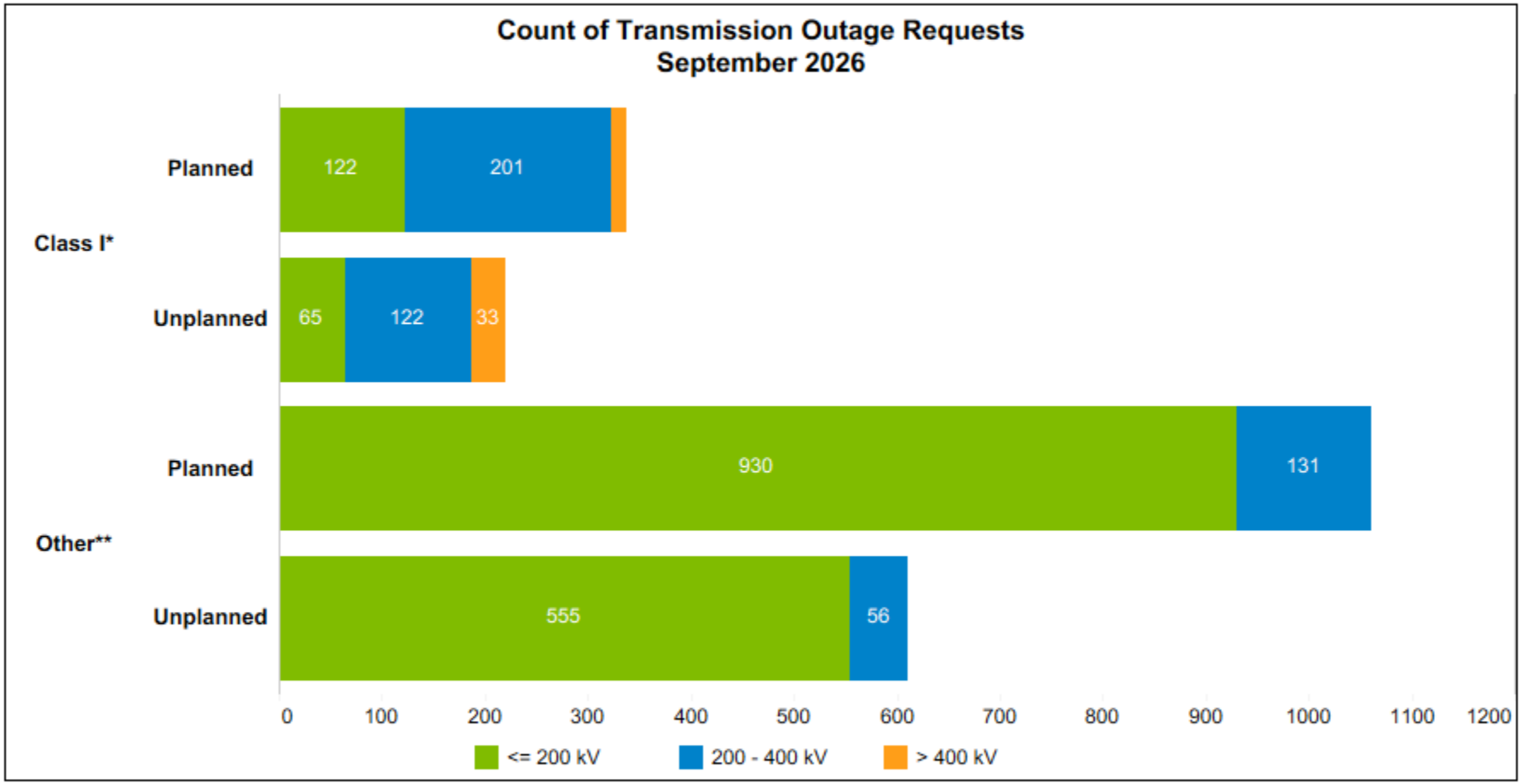


Notes:
•Other includes Oil ,Hydro, Pet coke, Waste, BTMG, and units not in market footprint
•Unplanned Outages include Emergency, Forced, and Urgent
•Planned Outages include Planned
•De-rates are based on limits observed in Real-Time and may not reflect normal seasonal de-rates or de-rates for maintenance or other operating conditions

- Coal
- Hydro
- Nuclear
- Gas
- Wind
- Solar
- Other

Outage data is "point in time" and can change; the chart reflects the data as it resided in the system on the date of extraction
Source: MISO CROW Outage Scheduler

Transmission Outages



Notes:
- *Class 1 is any facility which has a reliability or market impact on transmission system operations*
- *Other is any facility which does NOT have a reliability or market impact on transmission system operations*
- *Unplanned Outages include Emergency, Forced, Discretionary and Urgent*
- *Planned Outages include Planned, Opportunity*

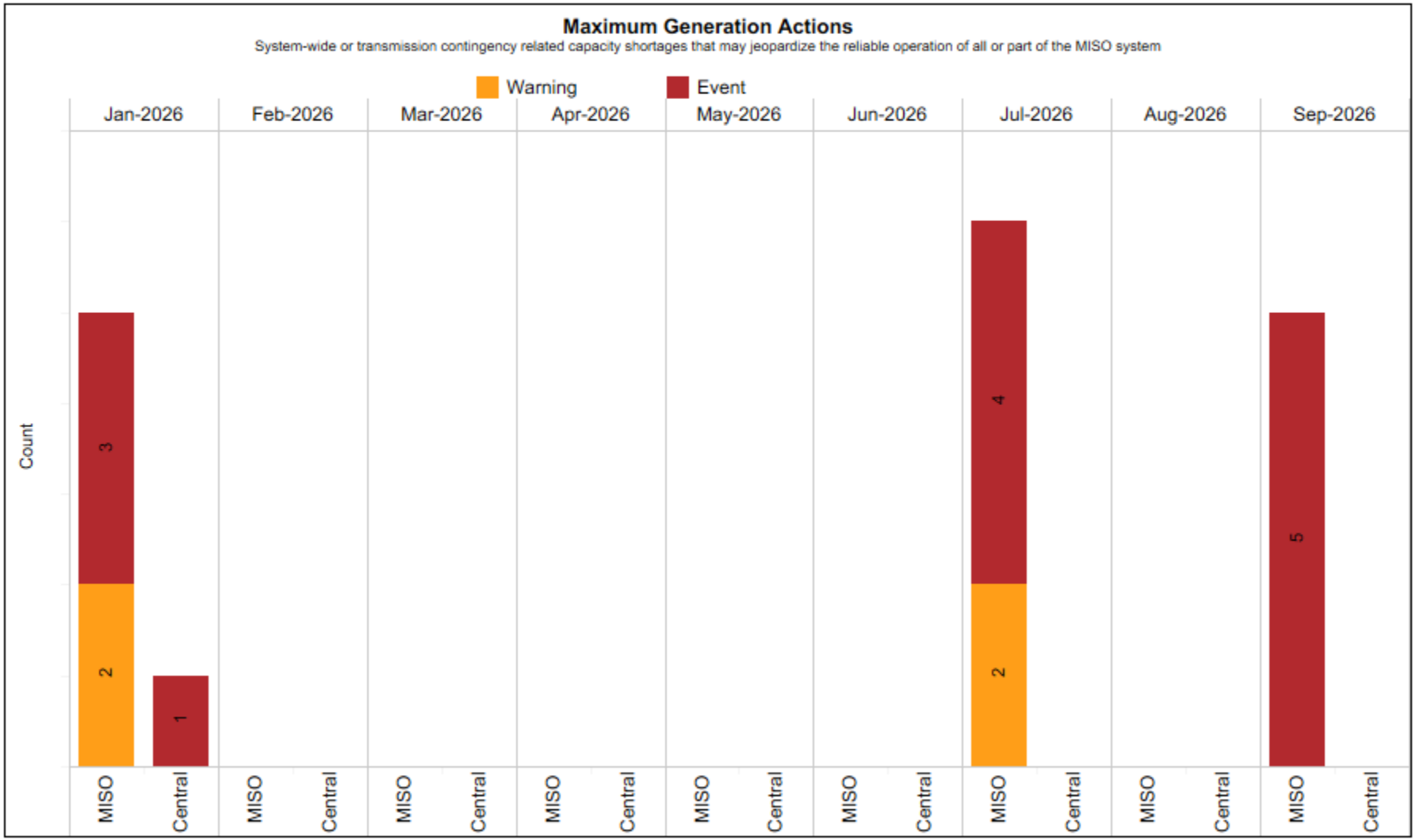
Outage data is "point in time" and can change; the chart reflects the data as it resided in the system on the date of extraction
Source: MISO CROW Outage Scheduler

MISO Inadvertent Balance

Month/Year	Net	On-Peak	Off-Peak
6/1/2024	-21,123	-10,382	-10,741
7/1/2024	-33,949	-12,863	-21,086
8/1/2024	-39,602	-15,448	-24,154
9/1/2024	-79,156	-36,769	-42,387
10/1/2024	-37,833	-17,446	-20,387
11/1/2024	-5,440	-2,237	-3,203
12/1/2024	-1,006	624	-1,630
1/1/2025	11,913	7,358	4,555
2/1/2025	23,852	17,127	6,725
3/1/2025	7,992	6,344	1,648
4/1/2025	22,512	14,664	7,848
5/1/2025	17,582	13,320	4,262
6/1/2025	9,239	6,344	2,895
7/1/2025	14,390	7,661	6,729
8/1/2025	-3,938	-5,525	1,587
9/1/2025	5,618	1,997	3,621
10/1/2025	23,968	9,295	14,673
11/1/2025	10,815	2,000	8,815
12/1/2025	17,634	10,498	7,136
1/1/2026	-4,294	-1,996	-2,298
2/1/2026	-15,567	-4,410	-11,157
3/1/2026	-66,835	-25,357	-41,478
4/1/2026	-55,984	-24,749	-31,235
Running Total from 2024	-44,930	-42,451	-2,479

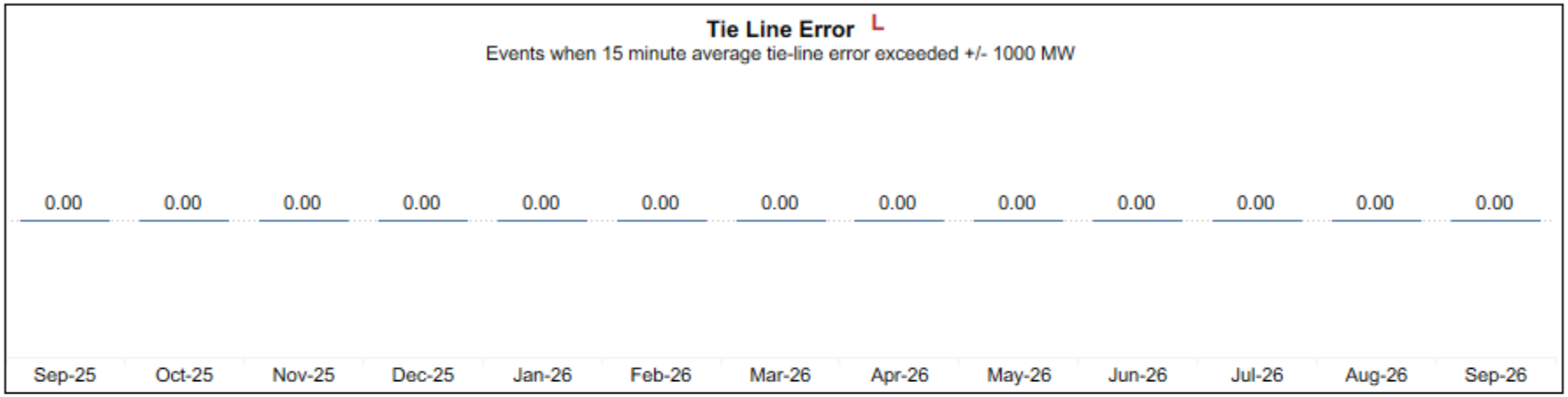
Source: NERC Tool (As of November 30, 2025)

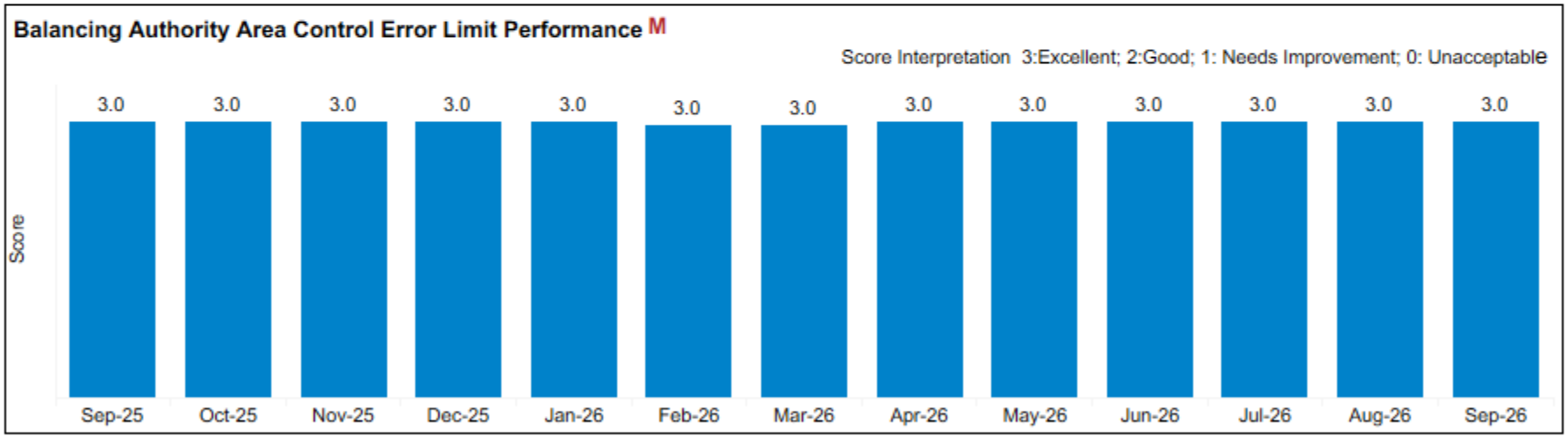
Generation Notifications



* Alerts – forecasting specific emergency situations in a future time-frame
* Warnings – experiencing initial stages of an emergency situation and taking action
* Events – experiencing an emergency situation and taking action

Tie Line and BAAL Performance

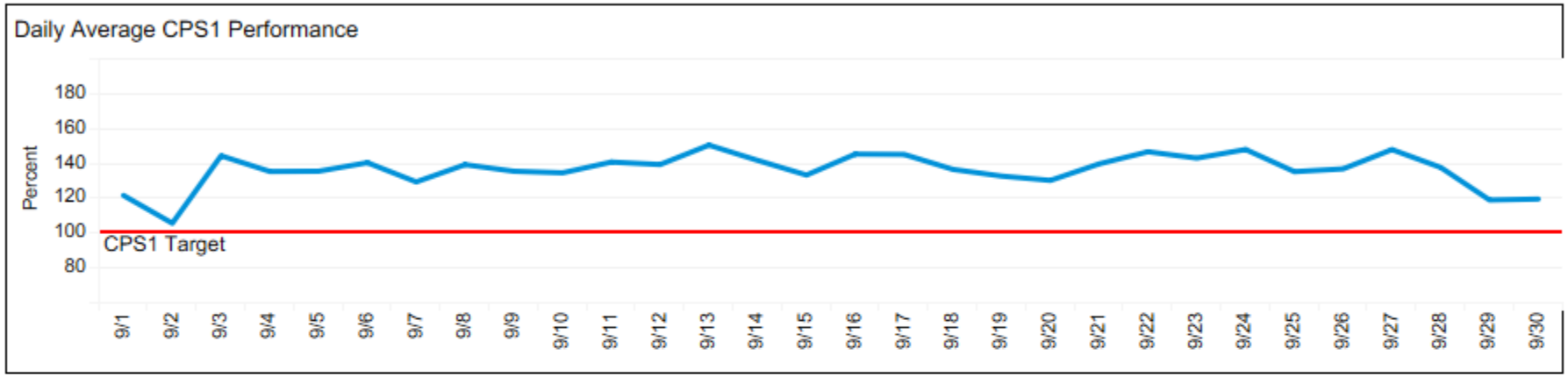


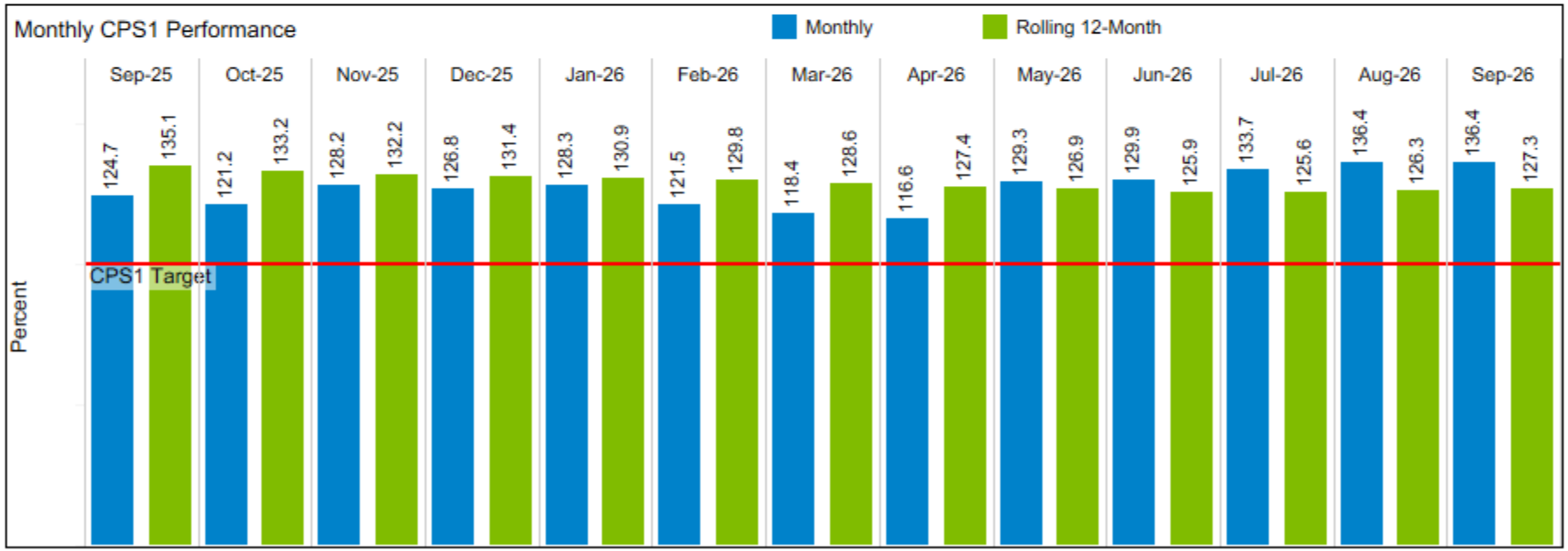


The Balancing Authority Area Control Error Limit (BAAL) measures control performance over the short-term. Exceeding BAAL for a continuous time period greater than 30 minutes constitutes a non-compliant event. The daily MISO BAAL performance rating is the lowest scored incident of the day.

Source: MISO Real-Time Operations Department

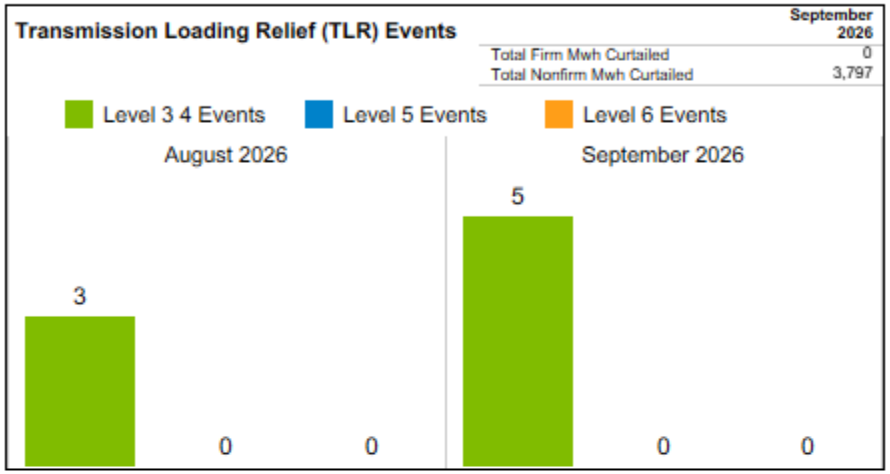
CPS1 Performance

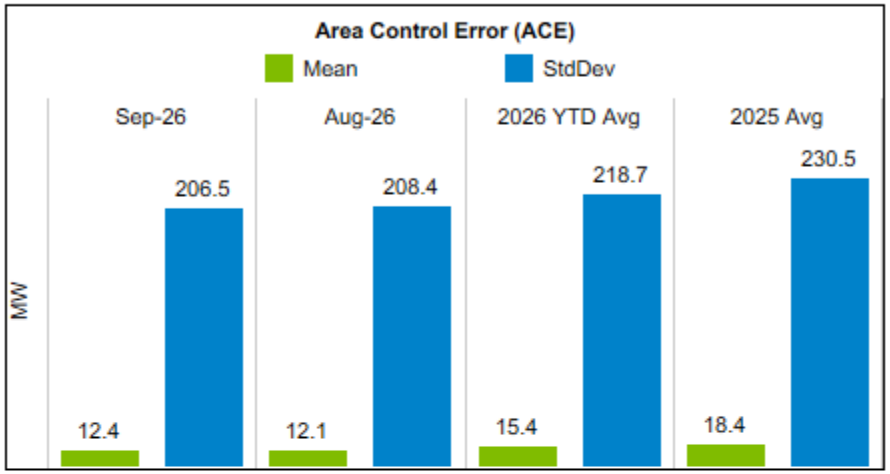


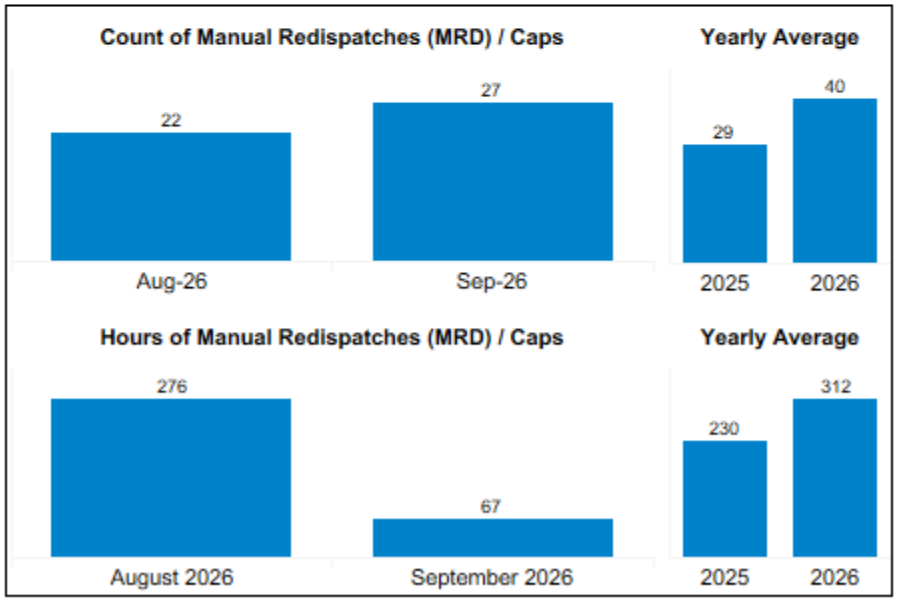


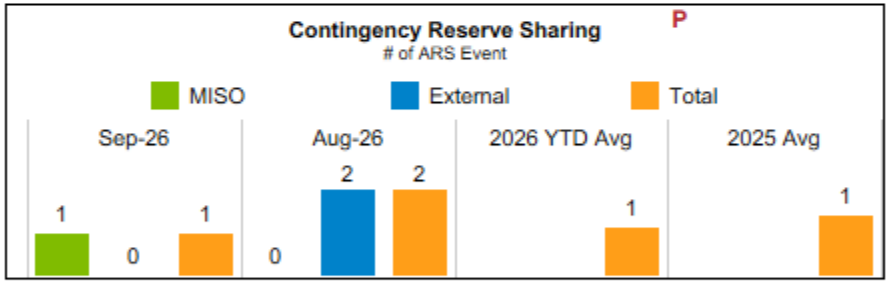
Per NERC Standard BAL-001-0 and MISO OP-044, the MISO will monitor CPS 1 performance and implement actions to ensure the MISO's rolling 12-month CPS 1 performance exceeds 100%
Source: MISO Real-Time Operations Department

Reliability — Other Metrics









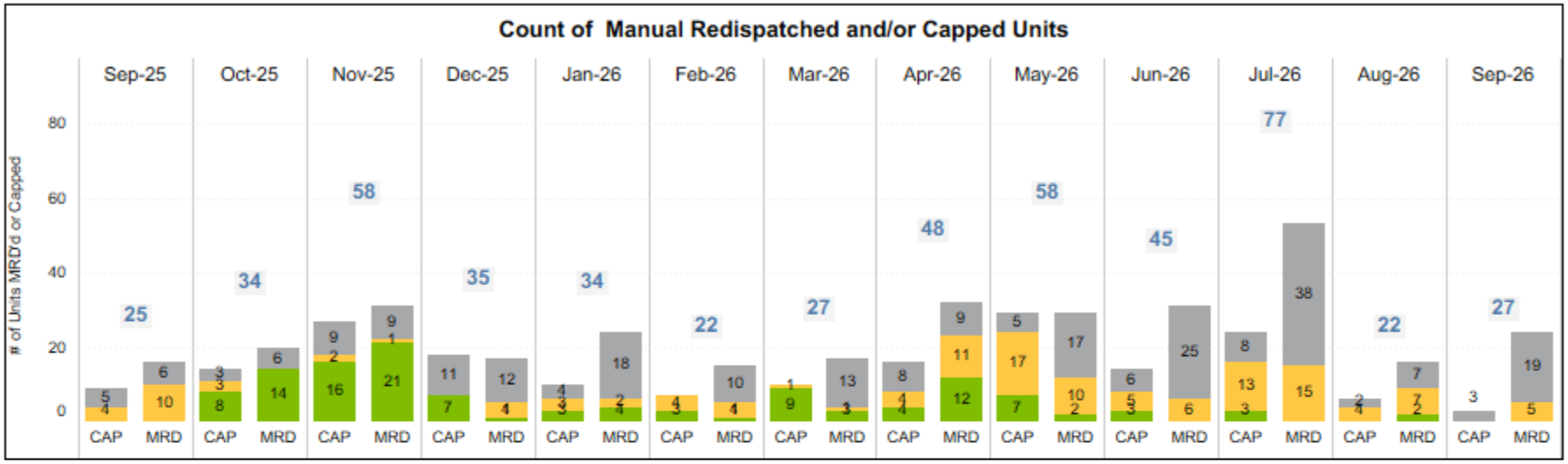
MISO deployed Contingency Reserves **

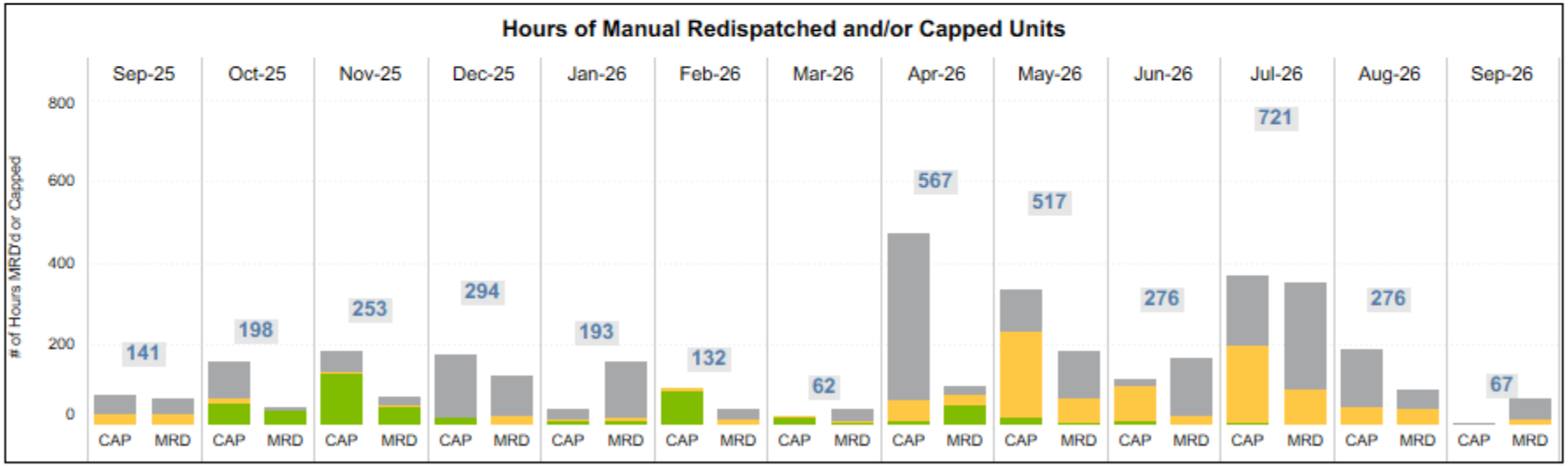
Date	HE	Deployment Type	MW
9/2/2026	20	OFFLINE	381.30
		ONLINE	313.80

Source: MISO Real-Time Operations Department

**Historical Contingency Deployment data located in *Related Documents* at
https://cdn.misoenergy.org/202001-202103%20Additional%20Information%20Historical%20Contingency%20Deployment%20Data548321.pdf /

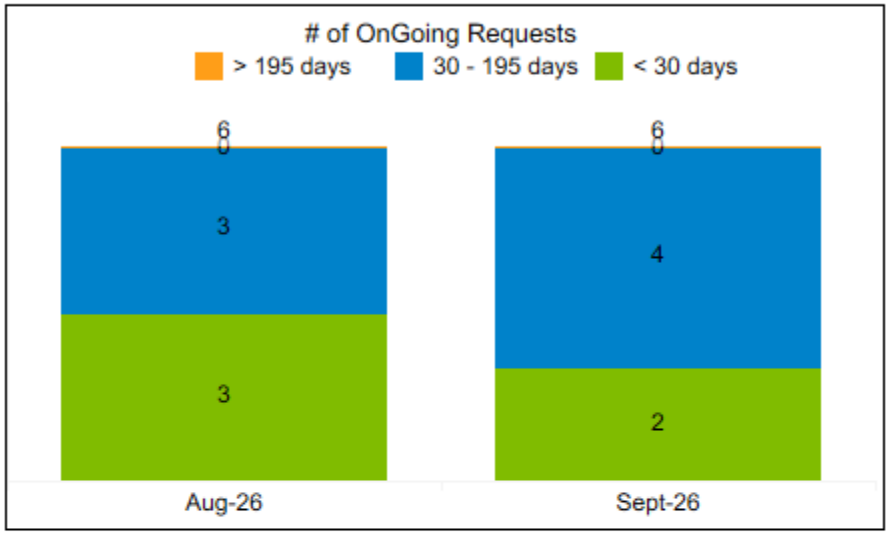
Operator Actions - Manual Redispatch and Caps

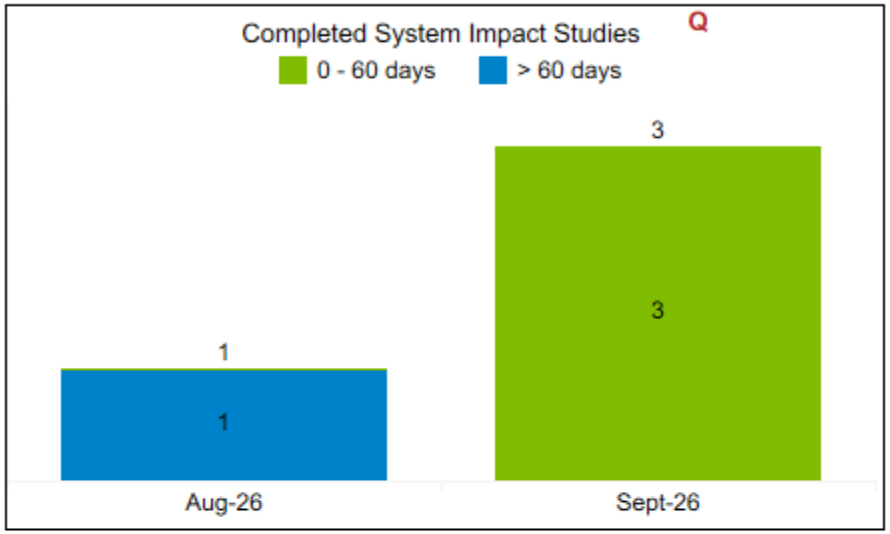


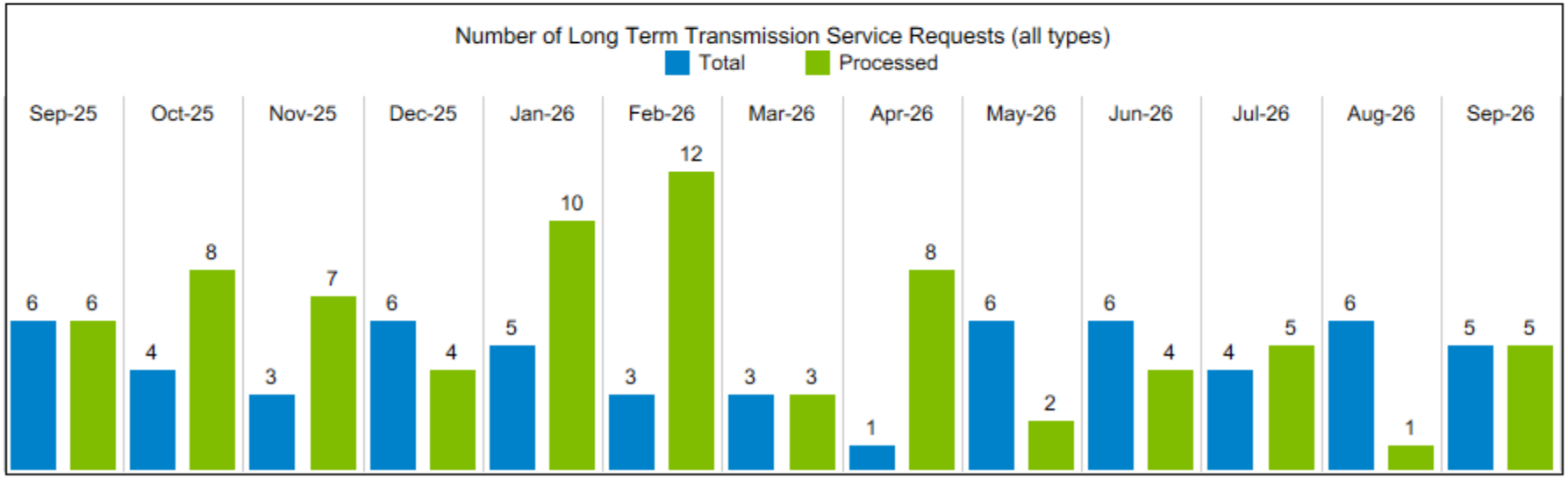


Source: MISO Market and Operations Analytics Department

Transmission Service Request

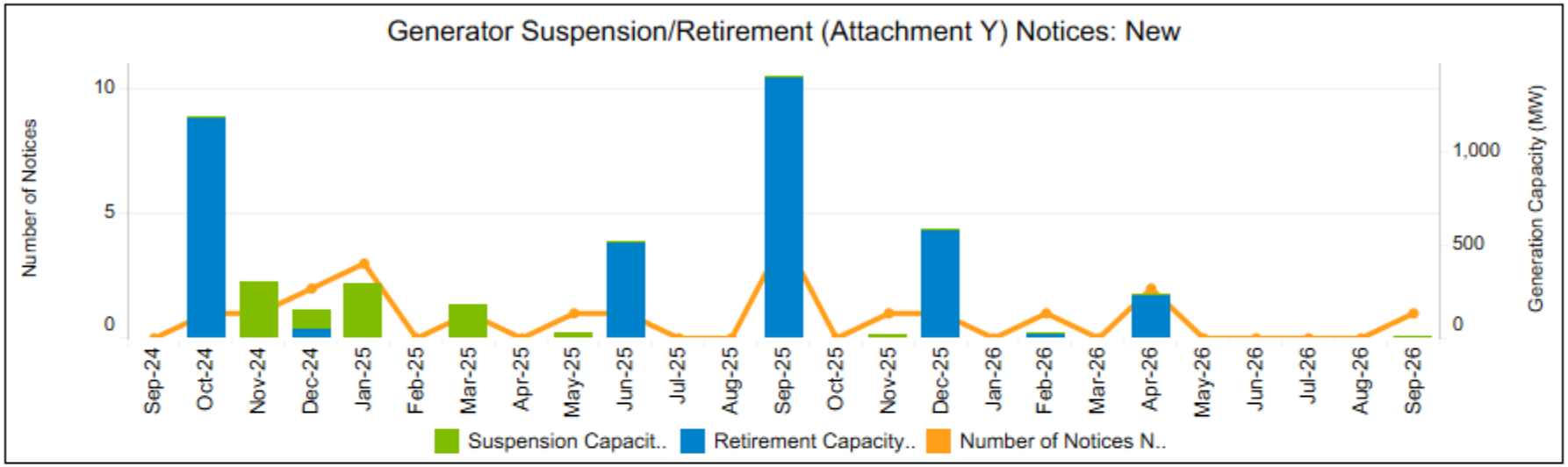


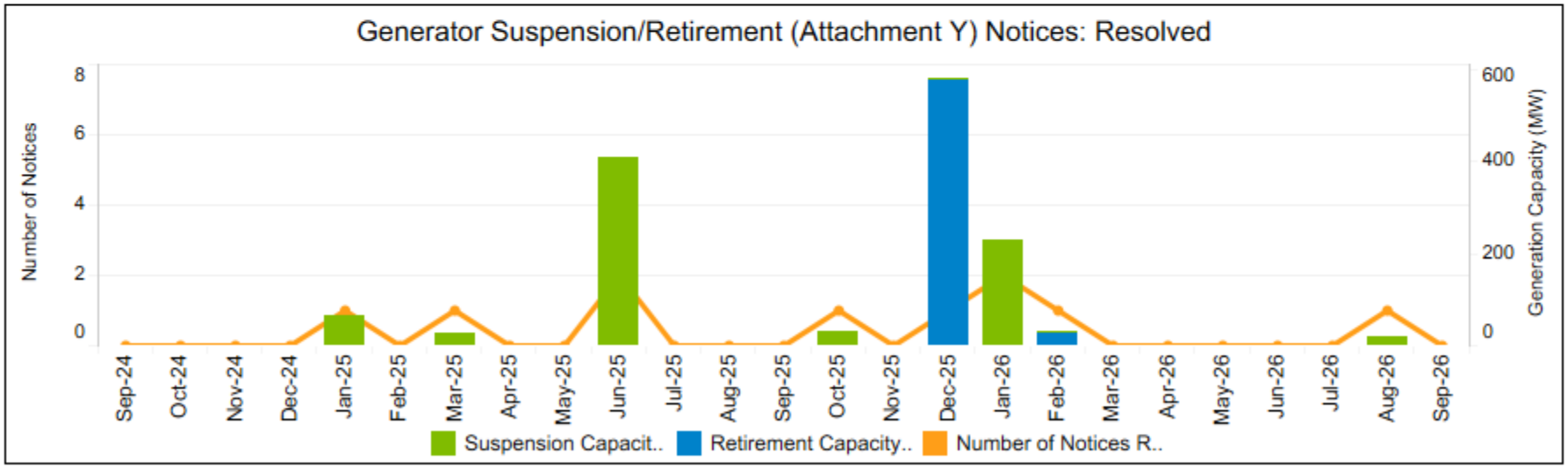




Source: MISO Resource Utilization

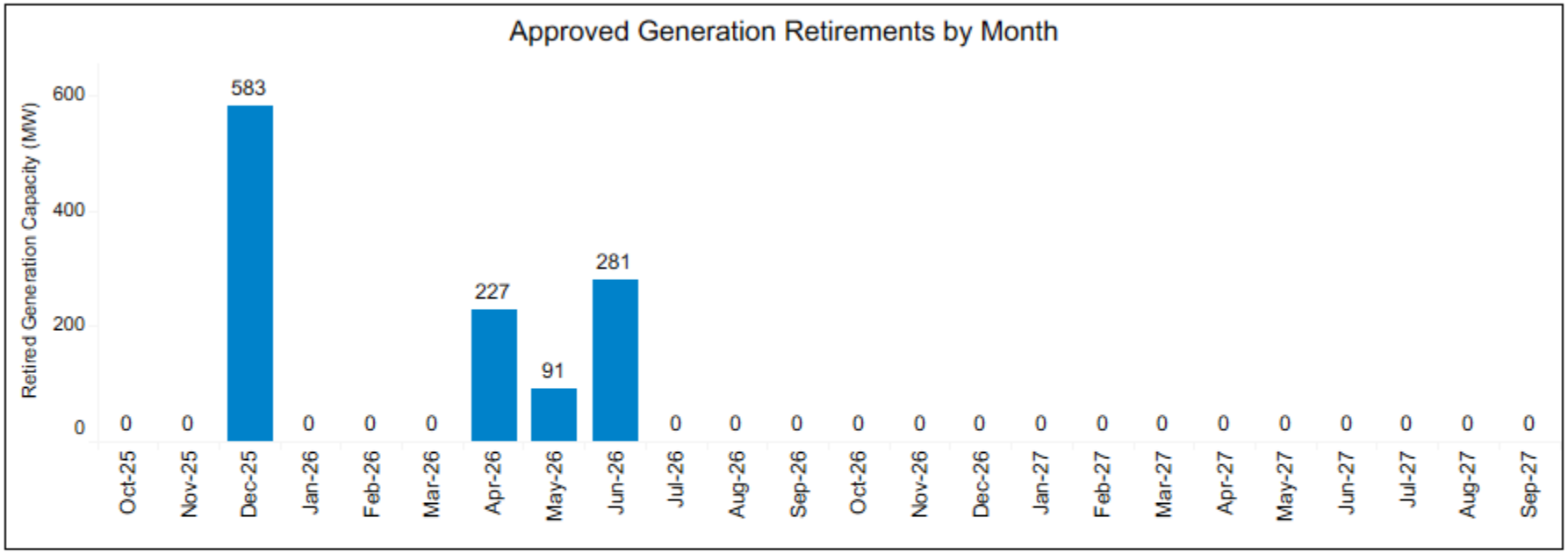
Generator Suspension/Retirement - New and Resolved

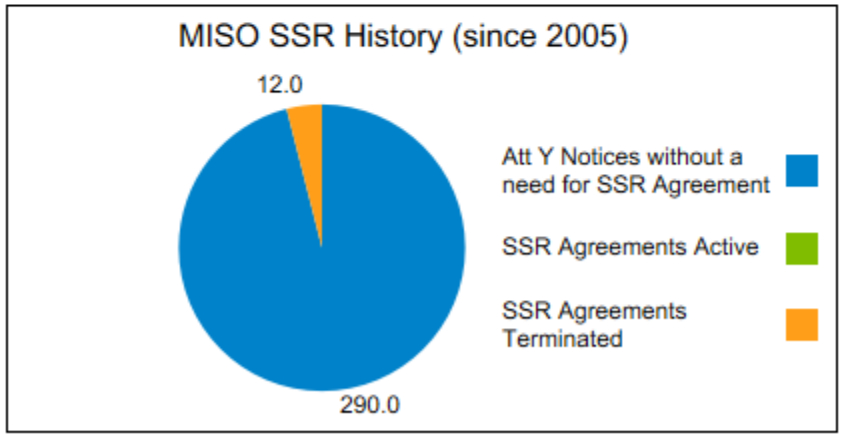




Source: MISO Transmission Planning Department

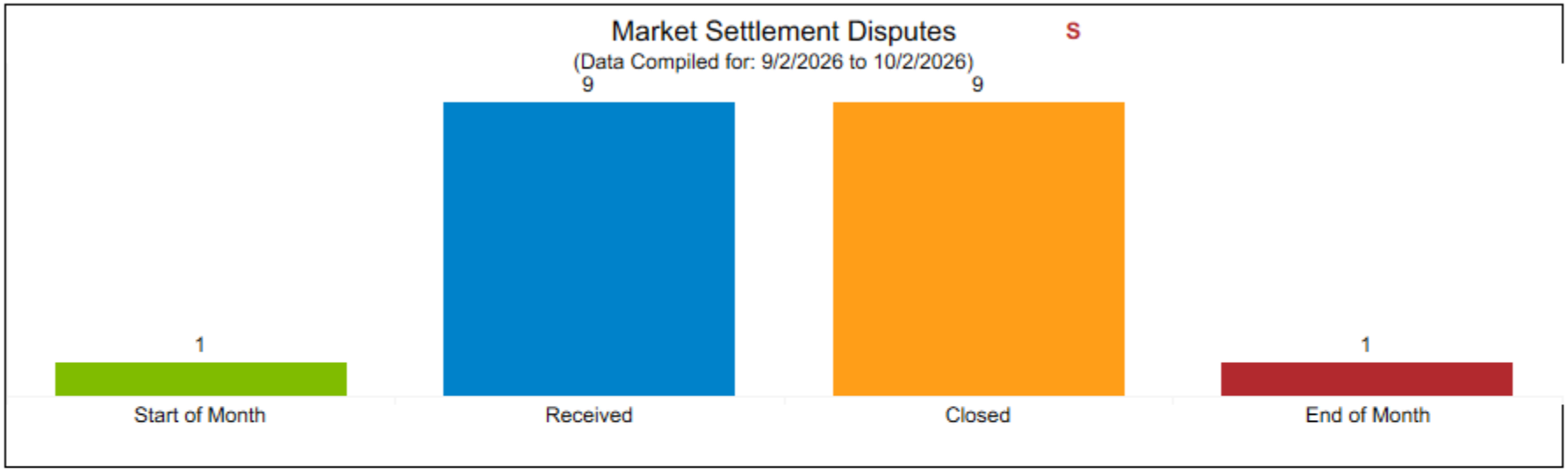
Generator Suspension/Retirement - Overall

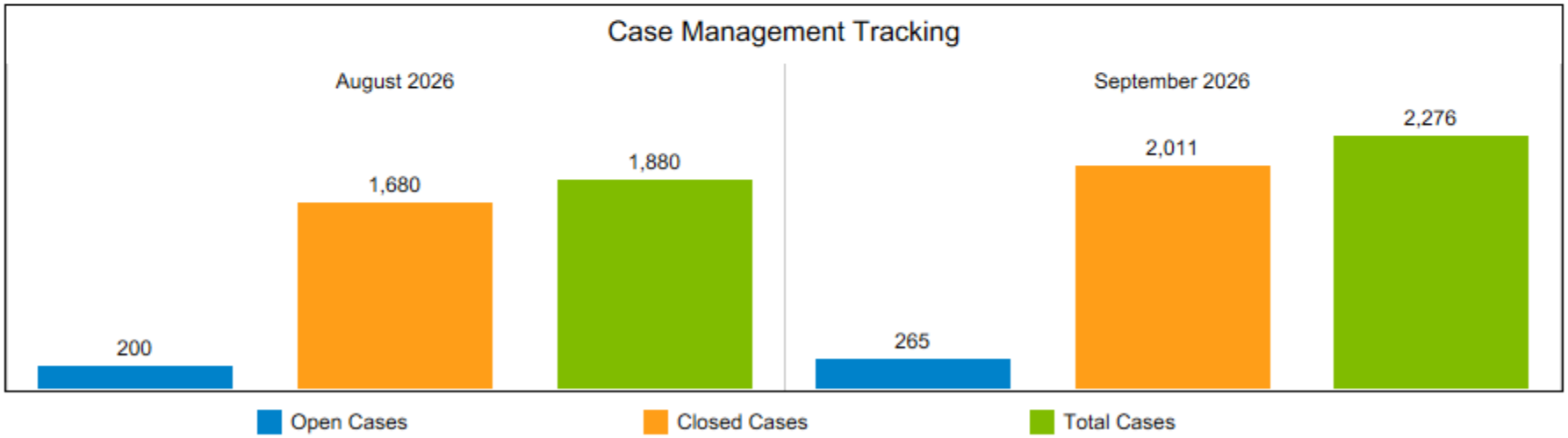




Source - MISO Transmission Planning Department

Settlements/Client Services and Readiness

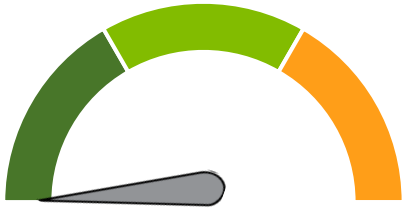




Source: MISO Settlements and Client Services and Readiness Departments
Settlement values may change due to resettlement
Resource Adequacy, Tariff Pricing, Market Settlements, and Credit cases are included in Case Management Tracking data

System Availability metrics provide a benchmark of MISO's performance for its most critical systems

Metric 1: Energy Management System
Total Unplanned Unavailability (cumulative minutes)



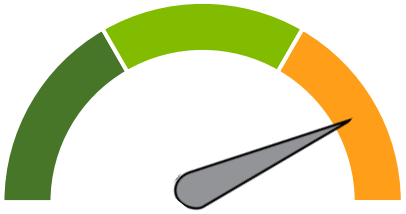
Year to Date: 0 Minutes

Excellent | 5 Minutes	Target | 10 Minutes	Threshold | 20 Minutes

Monthly Minutes Breakdown

Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sept	Oct	Nov	Dec
0	0	0	0	0	0	0	0	-	-	-	-

Metric 2: Unit Dispatch System
Number of Unplanned Incidents (over 30 consecutive minutes)



Year to Date: 2 Incidents

Excellent | 0 Incidents	Target | 1 Incident	Threshold | 2 Incidents

Monthly Incident Breakdown

Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sept	Oct	Nov	Dec
0	0	0	0	1	0	0	1	-	-	-	-

2026 Dashboard Metric Criteria (1 of 2)

**New or revised 2026 Metric*

Operational Excellence									
Metric	**Chart**	**● Expected**	**■ Monitor**	**▼ Review**	**Metric**	**Chart**	**● Expected**	**■ Monitor**	**▼ Review**
Percentage Price Deviation*	A	Absolute DA-RT price difference divided by DA LMP <=31.8%	Absolute DA-RT price difference divided by DA LMP is >31.8% but <=37.0%	Absolute DA-RT price difference divided by DA LMP >37.0%	Unit Commitment Efficiency*	H	>=92%		<92%
Monthly Average Gross Virtual Profitability*	B	Within the standard deviation bands (threshold $0.61/MWh)	Outside the standard deviation bands		Real-Time Obligation fulfilled by Day-Ahead Supply at the Peak Hour	I	>=95%	>=93% but <95%	<93%
FTR Funding	C	Monthly FTR Allocation % is >=92% and YTD FTR Allocation % is >=96%	Not in good status AND Monthly FTR Allocation % is >=87% AND Rolling 12-month FTR Allocation % is >=93%	Not in Good AND not in Monitor status	Day Ahead Wind Generation Forecast Error	K	# of days that the hourly average forecast error exceeds 10% <= 6	# of days that the forecast error exceeds 10% >6 or Forecast error exceeds 15% in = 3 days	# of days that the forecast error exceeds 10% >8 or Forecast error exceeds 15% in > 3 days or Forecast error resulted in declaring 1 Real Time Event
Market Efficiency Metric*	D	>= 95%		<95%	Day Ahead Solar Generation Forecast Error	T	# of days that the hourly average forecast error exceeds 10% <= 6	# of days that the forecast error exceeds 10% >6 or Forecast error exceeds 15% in = 3 days	# of days that the forecast error exceeds 10% >8 or Forecast error exceeds 15% in > 3 days or Forecast error resulted in declaring 1 Real Time Event
RSG per MWh to Energy Price*	E	<=0.39%	>0.39% and <=0.48%	>0.48%	Tie Line Error	L	<=1	>1 but <=3	>3
Day Ahead Mid-Term Load Forecast**	F	# of days that forecast error exceeds 3% <=6 AND # days that forecast error exceeds 4% <=4	# of days that forecast error exceeds 3% > 6 OR # days that forecast error exceeds 4%> 4 OR forecast error exceeds 6% on >= 1 day	# of days that forecast error exceeds 3% > 10 OR # days that forecast error exceeds 4%> 8 OR forecast error exceeds 7% on >= 1 day OR Forecast error resulted in declaring 1 Real Time Event	Control Performance – BAAL	M	Monthly performance score >=2	Monthly performance score<2 but >=1	Monthly performance score <1

FTR YTD metric is applied beginning April

*** Forecast errors observed in March, April, October and November will be measured by 1% lower thresholds*

2026 Dashboard Metric Criteria (2 of 2)

**New or revised 2026 Metric*

Operational Excellence									
Metric	**Chart**	**● Expected**	**■ Monitor**	**▼ Review**	**Metric**	**Chart**	**● Expected**	**■ Monitor**	**▼ Review**
Short-Term Load Forecast	G	Forecast error exceeding the 95% percentile of forecast error for the past year <= 2 days	3 days <= Forecast error exceeding the 95% percentile of forecast error for the past year <= 5 days	Forecast error exceeding the 95% percentile of forecast error for the past year > 5 days	Control Performance – CPS1 and CPS1 12-month rolling	N	>=100%		<100%
					ARS Deployment	P	DCS monthly average % recovery (APR) = 100%	Analysis of event not yet complete	DCS monthly average % recovery (APR) confirmed <100%
Customer Service									
System Impact Study Performance	Q	Studies completed in less than 60 days >=85%	Studies completed in less than 60 days <85% but >=75%	Studies completed in less than 60 days <75%	Settlement Disputes	S	Increase of up to 20 disputes	Increase of between 20 and 50 disputes	Increase of more than 50 disputes

FTR YTD metric is applied beginning April
*** Forecast errors observed in March, April, October and November will be measured by 1% lower thresholds*
Two days in December 2022 have been removed from threshold calculations..