

PUBLIC



ERCOT Monthly Operational Overview

(September 2026)

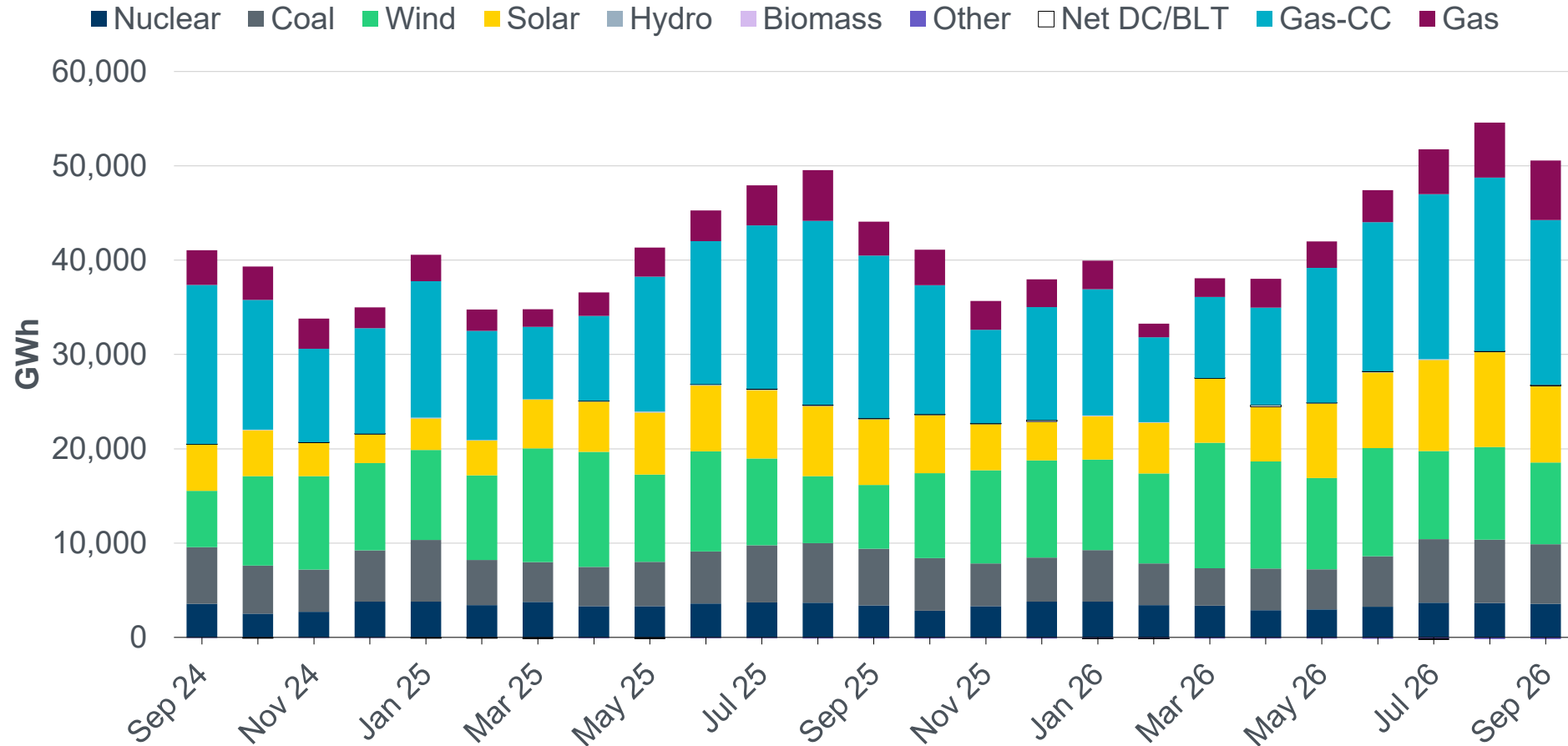
ERCOT Public
October 16, 2026

Highlights, Records and Notifications

- ERCOT set a new record of 86,647 MW* for the month of September on 9/12/2026; This is 6,698 MW more than the September 2025 demand of 79,949 MW on 9/04/2025.
- ERCOT issued 3 Advisories:
 - ERCOT Issued an Advisory on 09/15/2026: ERCOT has postponed the deadline for the posting of the DAM solution for Operating Day 09/16/2026 due to long run time.
 - ERCOT Issued an Advisory on 09/28/2026: ERCOT has postponed the deadline for the posting of the DAM solution for Operating Day 09/29/2026 due to long run time.
 - ERCOT Issued an Advisory on 09/29/2026: ERCOT has postponed the deadline for the posting of the DAM solution for Operating Day 09/30/2026 due to long run time.

* Preliminary value from October Demand and Energy 2026 report.

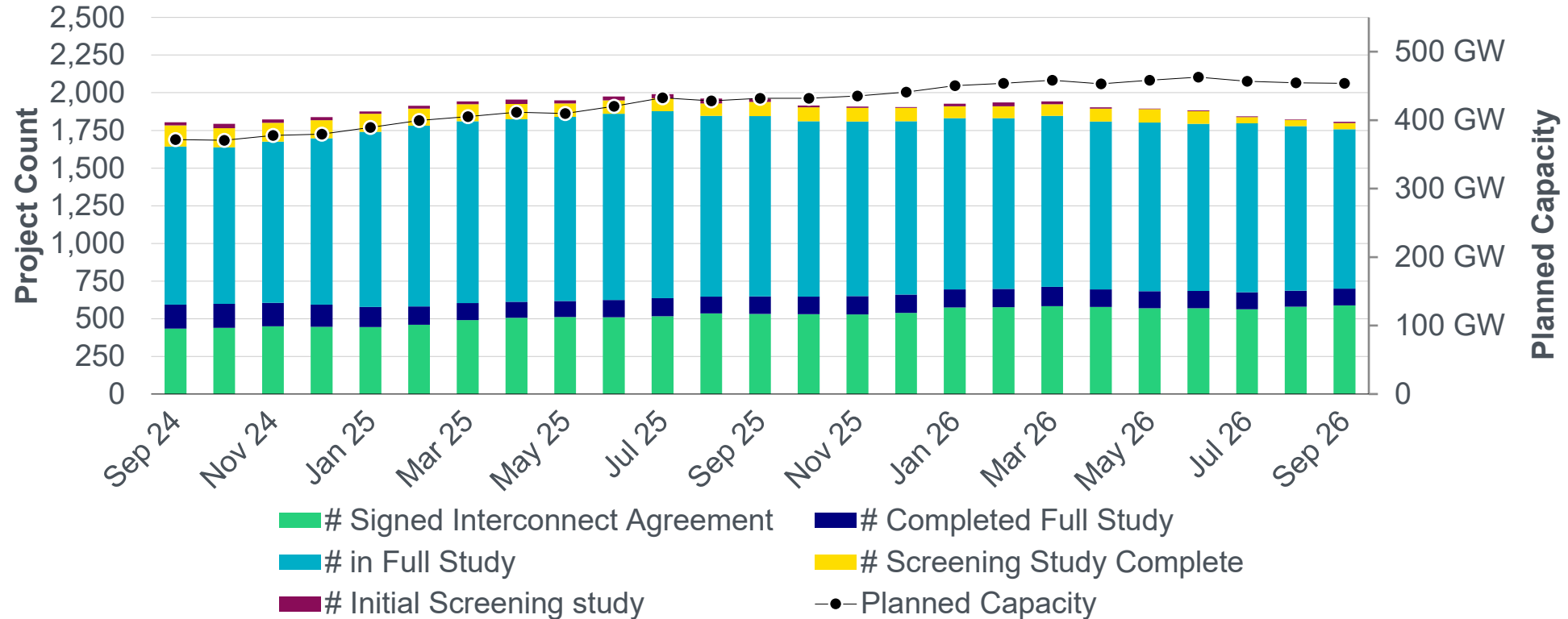
Monthly energy generation increased by 14.6% year-over-year to 50,384 GWh in September 2026, compared to 43,977 GWh in September 2025



Data for latest two months are based on preliminary settlements.

Generation Interconnection activity by project phase

(Excludes capacity associated with projects designated as Inactive per Planning Guide Section 5.2.5)

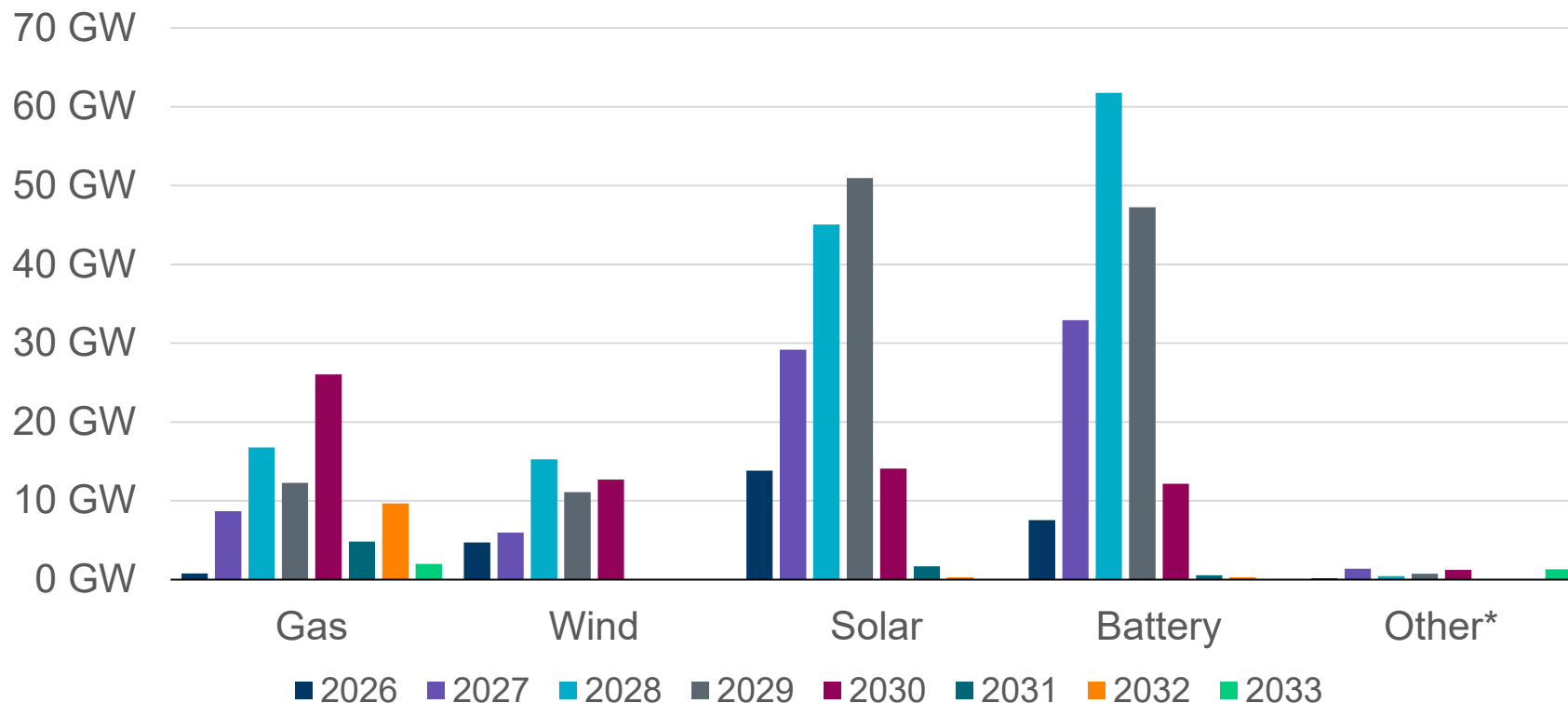


- There are an additional 31 “Small Generator” projects totaling 273 MW that are going through the simplified interconnection process.
- A break-out by fuel type can be found in the monthly Generator Interconnection Status (GIS) reports available on the ERCOT Resource Adequacy Page:

<http://www.ercot.com/gridinfo/resource>

Interconnection Queue Capacity by Fuel Type

Totals: Solar 155 GW (34.2%), Wind 50 GW (11%), Gas 81 GW (17.9%), Battery 163 GW / 390 GWh (35.8%), Other 5 GW (1.2%)
(Excludes capacity associated with projects designated as Inactive per Planning Guide Section 5.2.5)



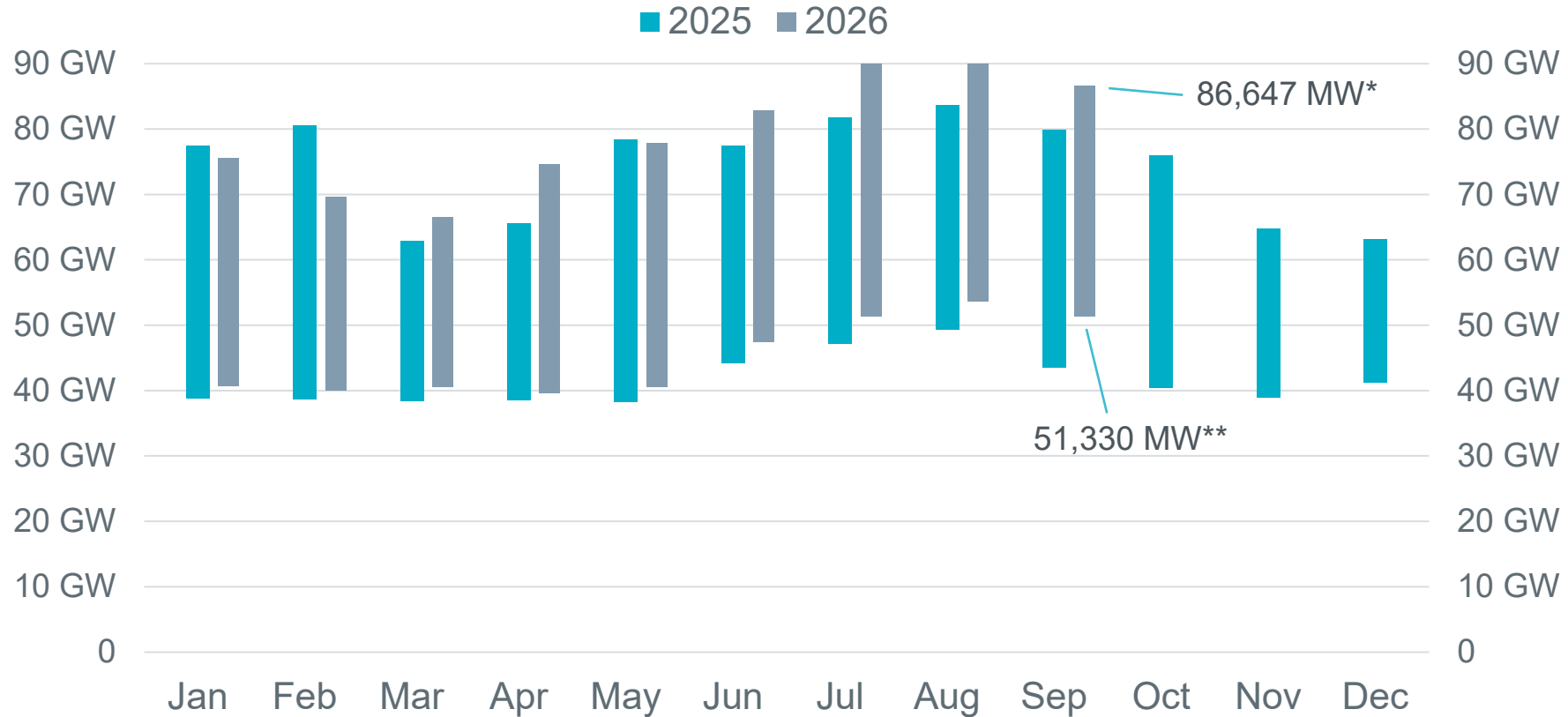
A break-out by zone can be found in the monthly Generator Interconnection Status (GIS) reports available on the ERCOT Resource Adequacy Page: <http://www.ercot.com/gridinfo/resource>

- Other includes petroleum coke (pet coke), hydroelectric, fuel oil, nuclear, geothermal energy, other miscellaneous fuels reported by developers, and fuel cells that use fuels other than natural gas.
- The GWh cited for active planned battery storage projects is an estimate of the aggregate nameplate energy rating based on data provided through Request for Information (RFI) submissions for projects with signed interconnection agreements. Using the RFI data, an average design duration for these projects is calculated and then multiplied by the nameplate capacity for all active projects to derive the total energy rating.

Planning Summary

- ERCOT is tracking 1,874 active generation interconnection requests totaling 453,782 MW as of September 30. This includes 155,123 MW of solar, 49,746 MW of wind, 162,580 MW of battery, and 81,034 MW of gas projects; 175 projects were categorized as inactive, up from 168 in August.
- ERCOT is currently reviewing proposed transmission improvements with a total estimated cost of \$22.699 billion as of September 30, 2026.
- Transmission Projects endorsed in 2026 total \$12.446 billion as of September 30, 2026.
- All projects (in engineering, routing, licensing and construction) total approximately \$55.536 billion as of July 17, 2026.
- Transmission Projects energized in 2026 total approximately \$595.737 million as of July 17, 2026.
- Transmission Projects planned to energize during the remainder of 2026 total approximately \$6.526 billion as of July 17, 2026.

ERCOT set a new record of 86,647 MW* for the month of September on 9/12/2026; This is 6,698 MW more than the September 2025 demand of 79,949 MW on 9/04/2025.

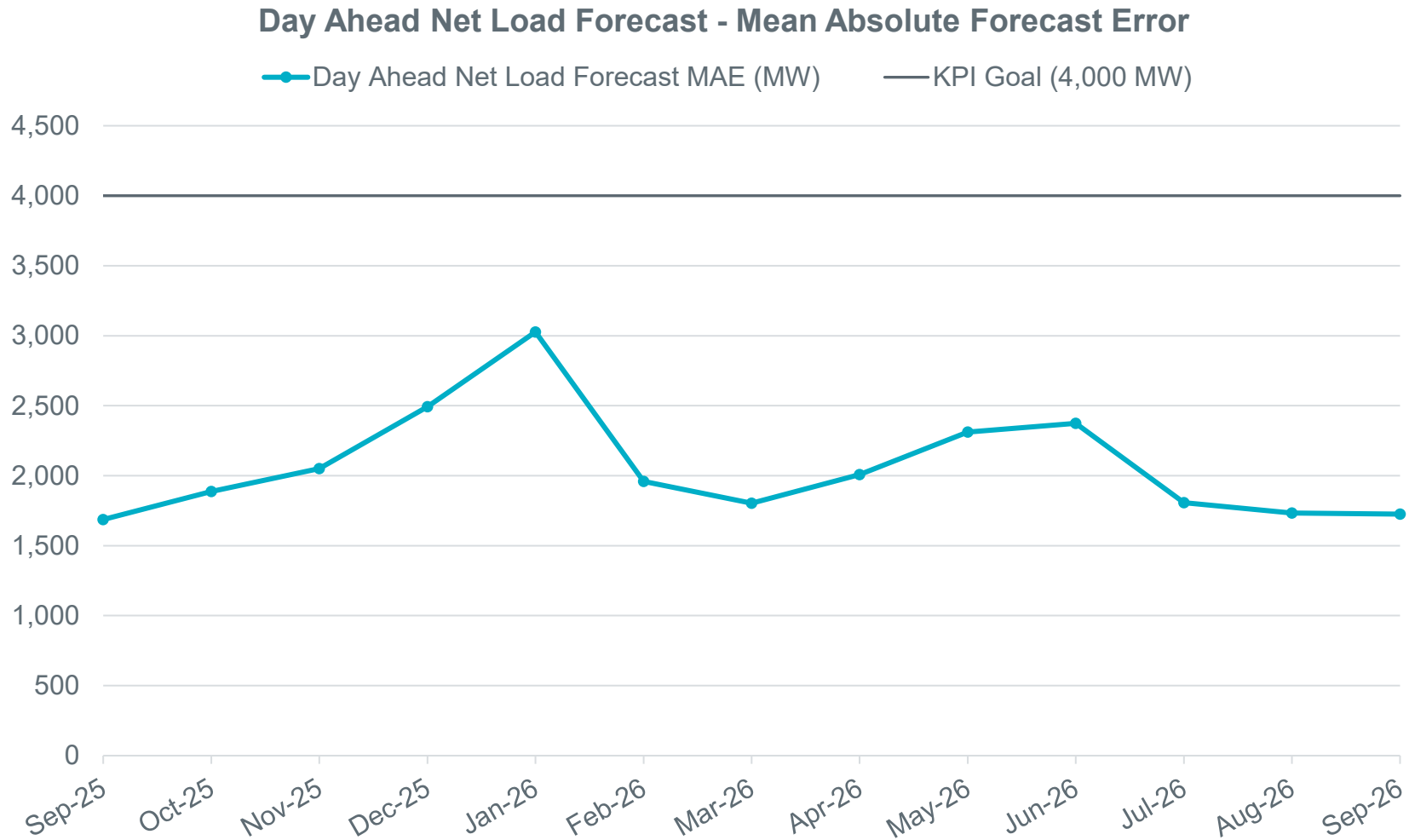


*Based on the maximum net system hourly value from the September 2026 Demand and Energy report.

**Based on the minimum net system 15-minute interval value from the September 2026 Demand and Energy report.

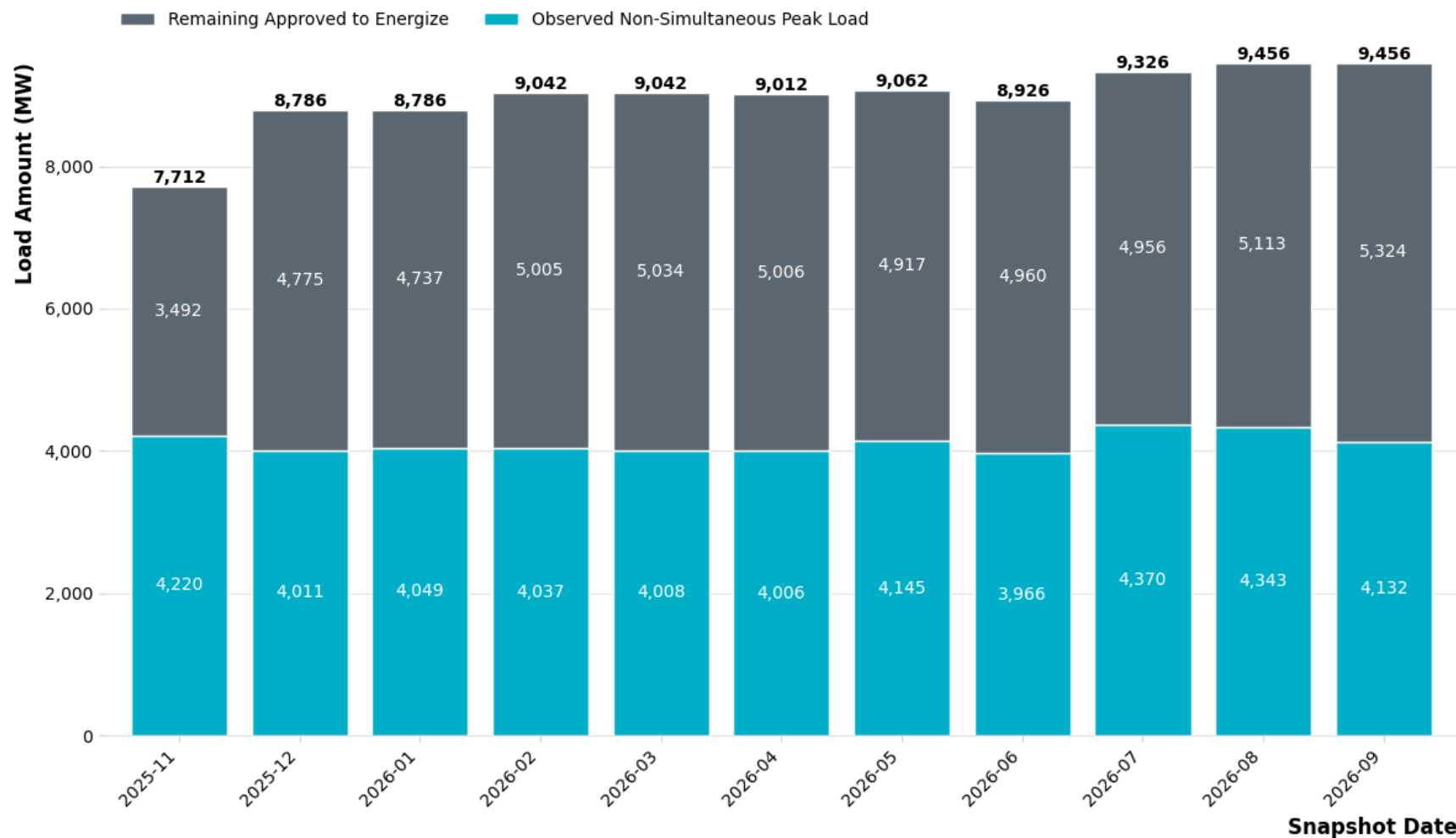
Data for latest two months are based on preliminary settlements.

Net Load Forecast Performance



Loads Approved to Energize - Observations

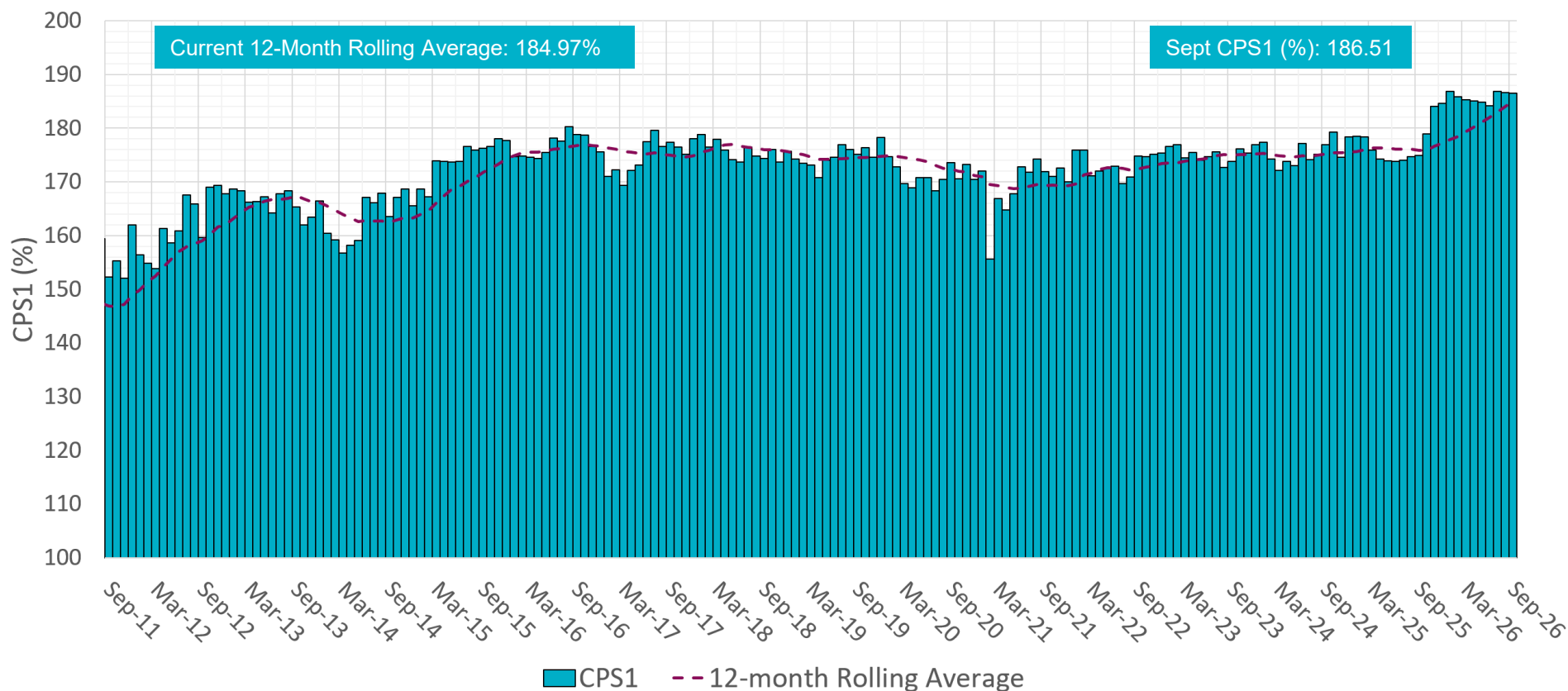
- Of the 9,456 MW that have received Approval to Energize, ERCOT has observed a non-simultaneous monthly peak consumption of 4,132 MW in September 2026, which is a slight decrease since August 2026.
 - This is calculated as the sum of the maximum value for each individual load per month.
 - This value represents how much approved load ERCOT believes is now operational.



Frequency Control

- Control Performance Standard 1 (CPS-1) is a measure of the frequency control on a power system, pursuant to NERC Standard BAL-001. The 12-month rolling-average of this measure is required to stay above 100%.

12 Month Rolling Average CPS1 KPI
Target > 140 % | Stretch > 150%



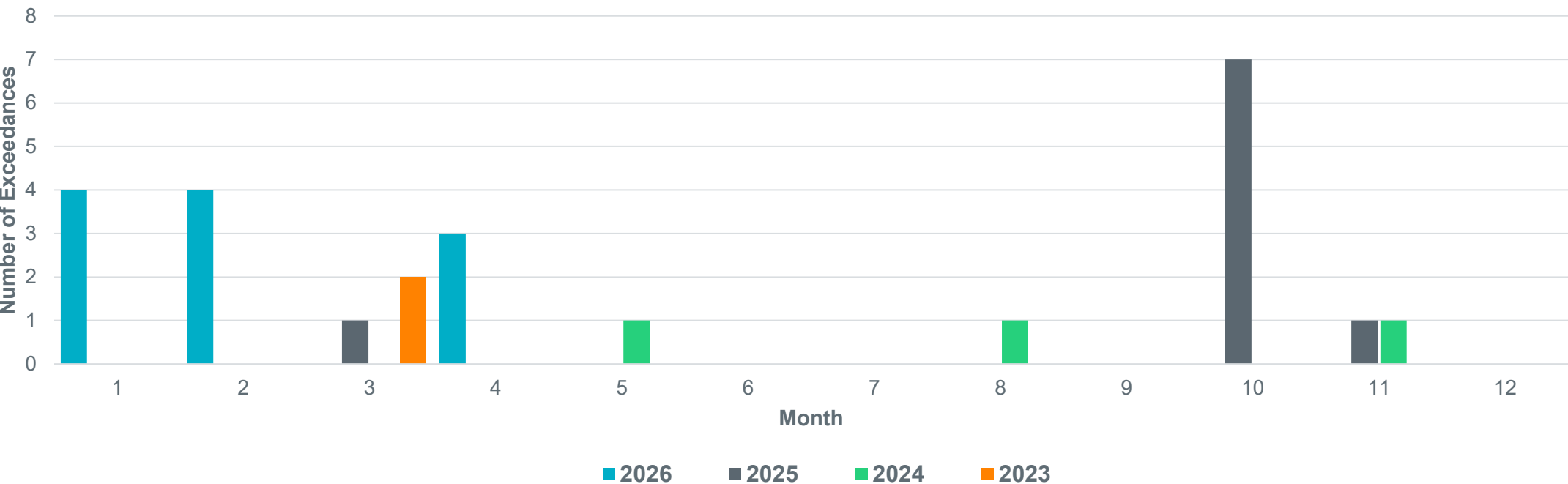
Key Takeaway(s): Frequency control has been performing extremely well

Transmission Limit Control

The most-recent Interconnection Reliability Operating Limit (IROL) exceedance occurred in April 2026.

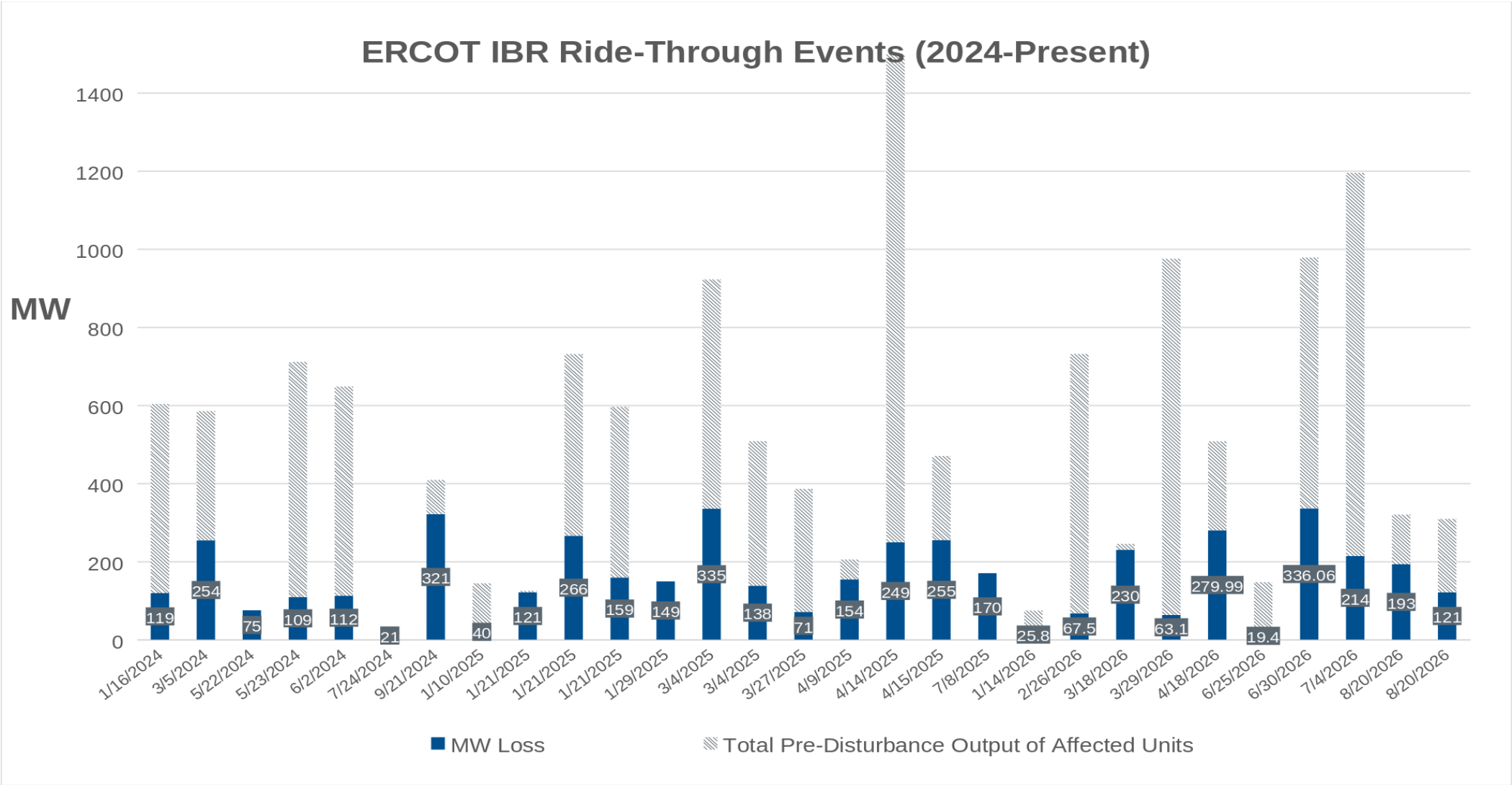
Monthly IROL Exceedances (Jan 2023 to September 2026)

All exceedances had the duration between 10 second and 10 minutes.
There were no exceedances which lasted for more than 10 minutes.



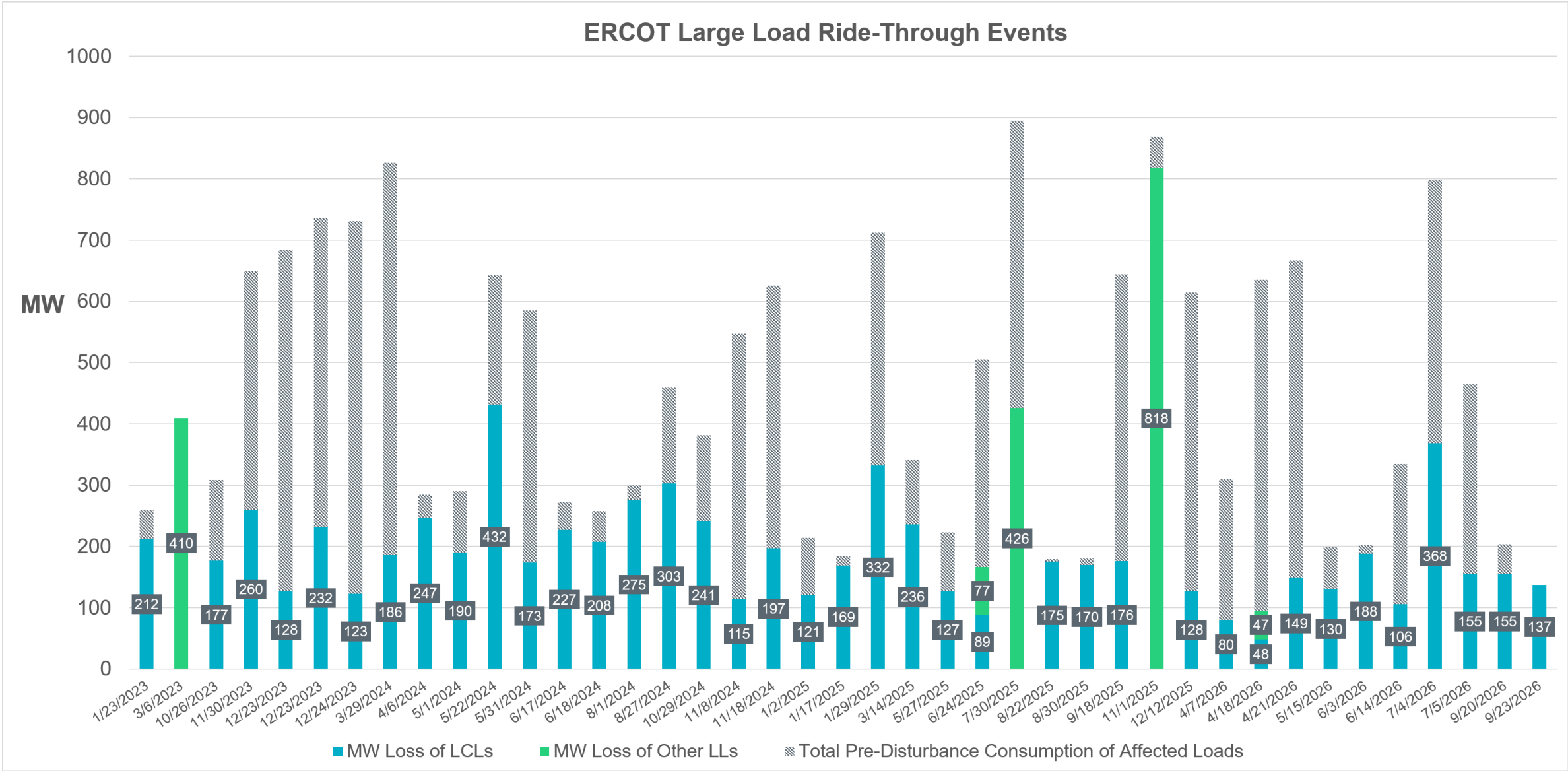
Key Takeaway: In September, ERCOT had 0 IROL exceedances occur.

IBR Ride-Through Events



Key Takeaway: There were no IBR Ride Through Events in September.

Large Load Ride-Through Events



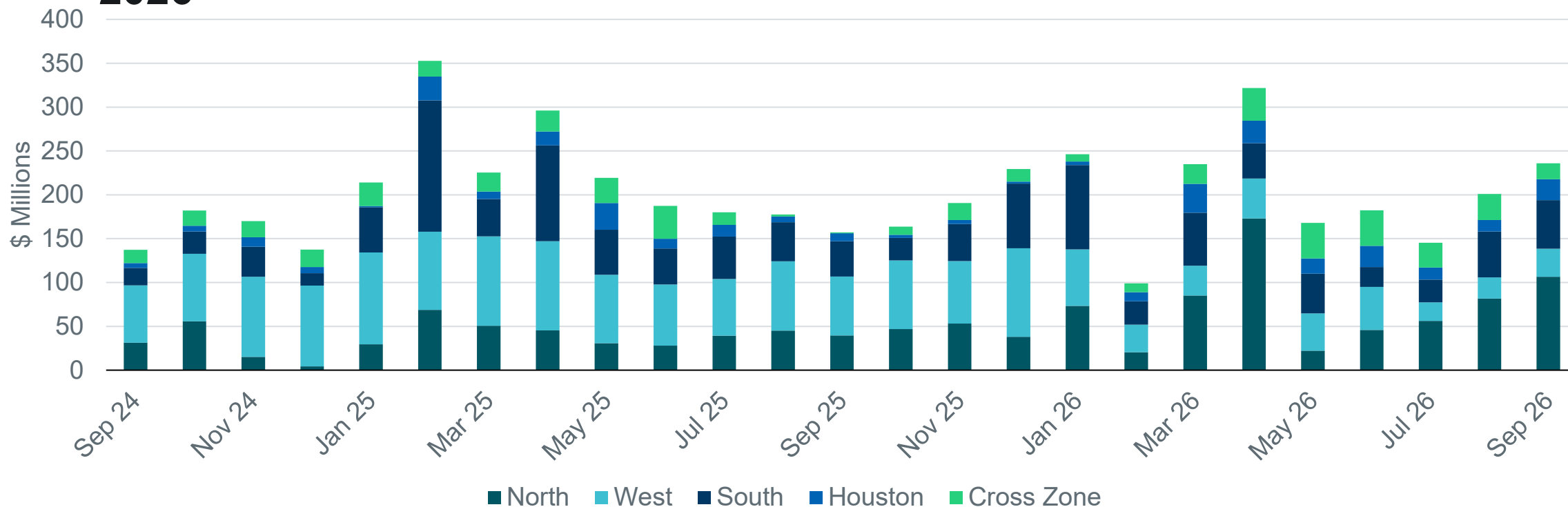
2026 Year-to-Date (YTD) Event Analysis Summary

Event Type	Number of Events (All 2026)	Number of Events (September 2026)
NERC Reportable by ERCOT*	1	0
Inverter Based Resource (IBR) Ride-Through Events	10	0
Large Load Ride-Through Events	10	2
Large Load Oscillation Events	1	0
IBR Oscillation Events	33	9
IBR Large MW Change Events (no fault associated)	42	5
Miscellaneous (transmission or telemetry event)	13	2

Key Takeaway: The Event Analysis team investigates each event to keep the system reliable and prevent reoccurring issues.

*Meeting the criteria for NERC's Electric Reliability Organization Event Analysis Process and requiring ERCOT to submit a report.

Real-Time congestion rent totals increased 17% in September from August 2026



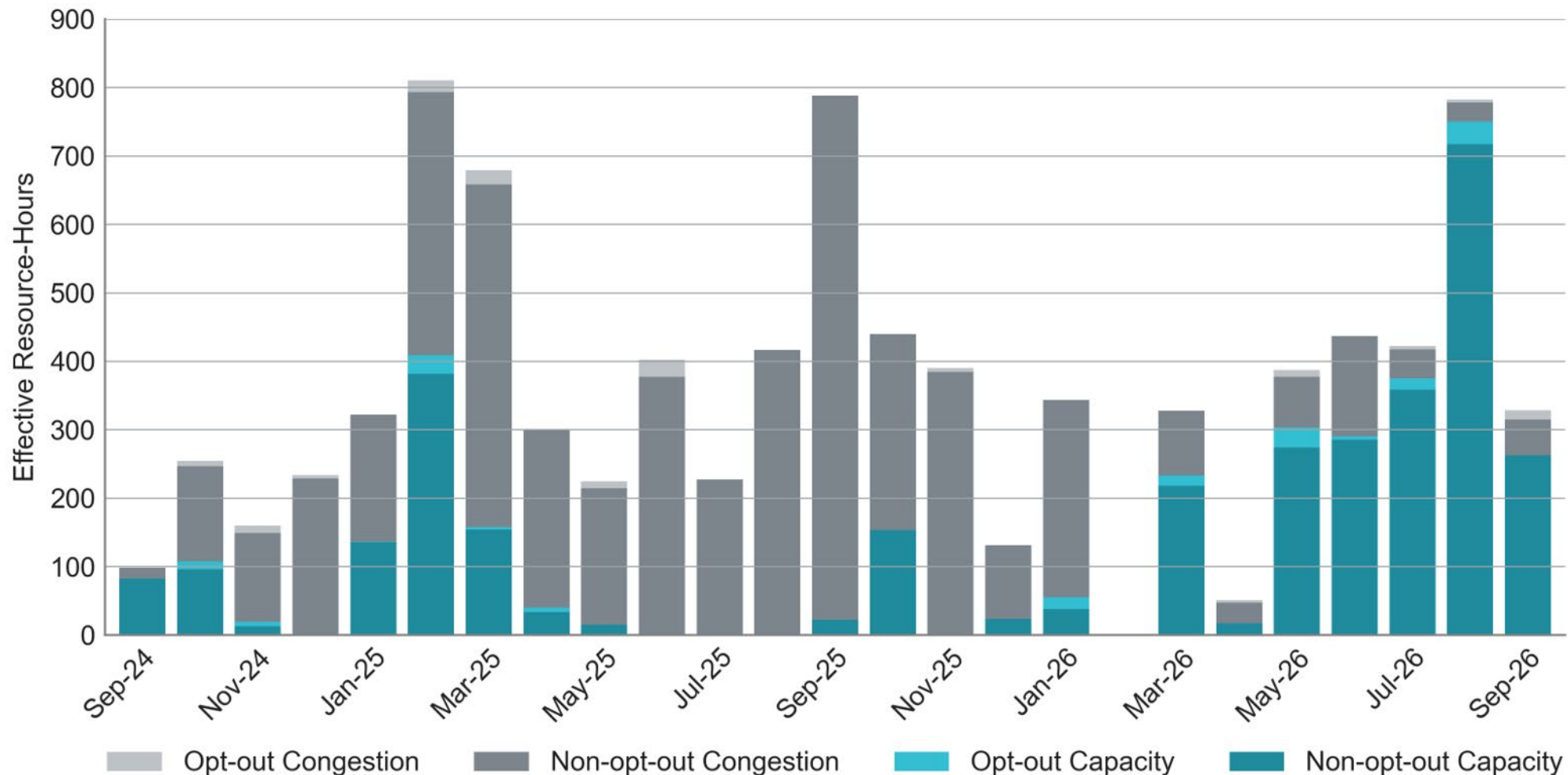
Total Real-Time congestion rent increased in September, with the highest congestion rent in the North and South Zones

- The constraint representing the loss of the 345 kV line double circuit from Willow Creek to Ramhorn Hill (overloading the 345 kV line from Parker to Hicks) primarily drove congestion rent in the **North Zone**.
- The manual base case constraint on the La Palma transformer and the post-contingency constraint, representing the loss of the double circuit lines from North Edinburg to Stewart and North Edinburg to Kingfisher, primarily drove congestion rent in the **South Zone** after the transformer was derated due to a loss of cooling fans.

Notes:

- 1) Congestion rent is determined using the shadow prices and MW flows for individual constraints in SCED as well as the length in time of SCED intervals.
- 2) The "Cross Zone" category consists of cases in which the substations on either end of the constraint are in different zones.

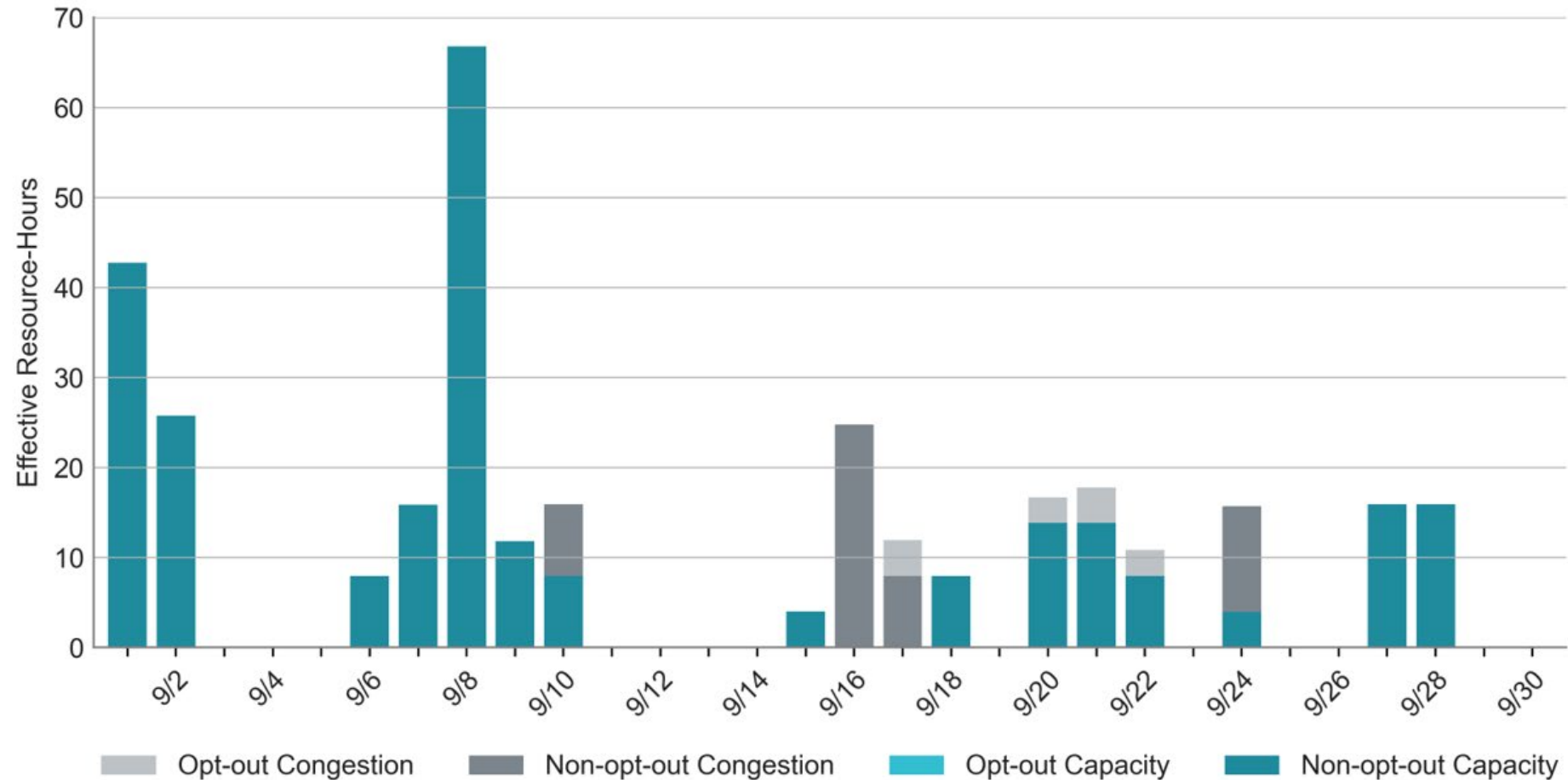
RUC Activity decreased significantly in September 2026 compared to August



Notes:

1) "Effective Resource-Hours" excludes any period during a Reliability Unit Commitment hour when the RUC-committed Resource was starting up, shutting down, off-line, or otherwise not available for dispatch by SCED.

Like the preceding months, most RUC instructions (79.9%) in September were committed to address capacity needs



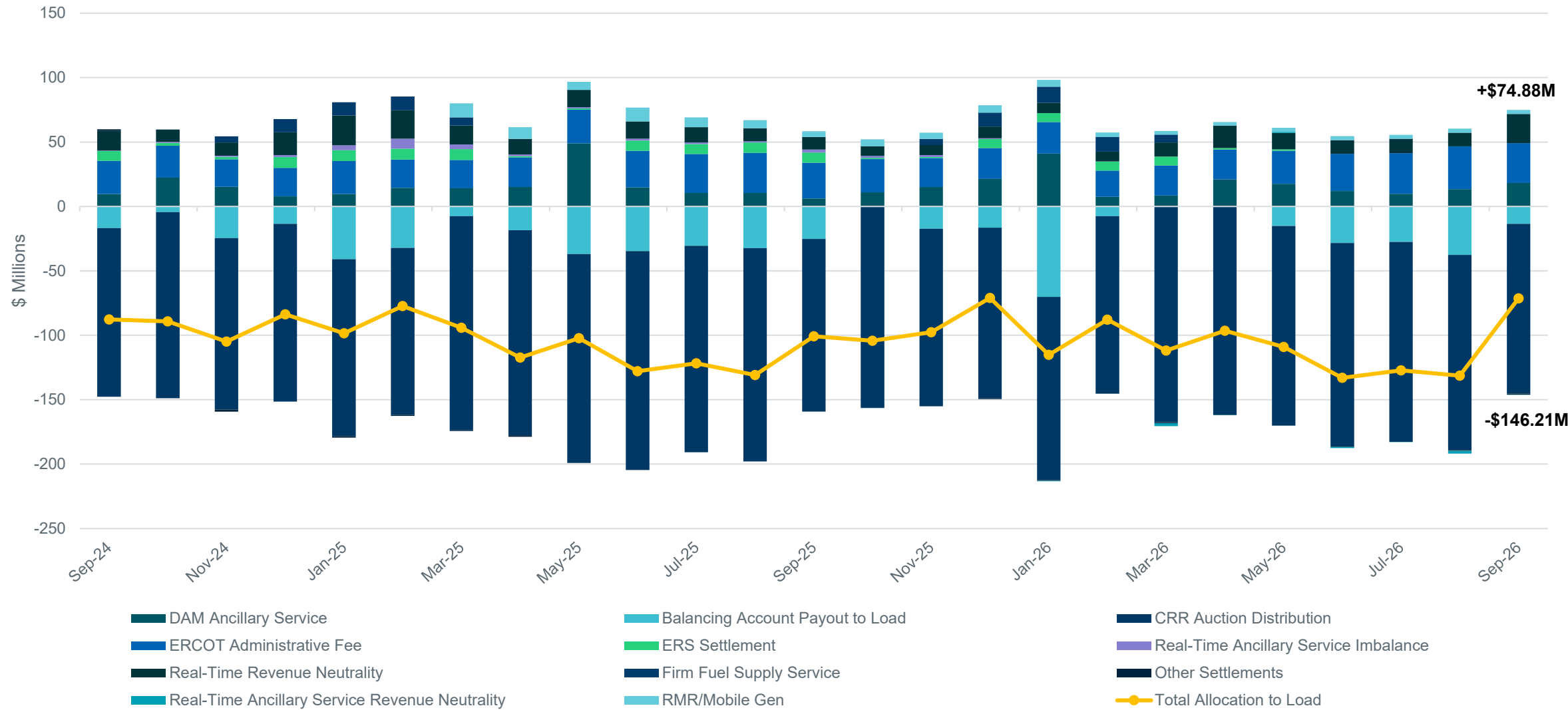
There were 328.1 RUC total effective Resource-hours in September. 262.1 (79.9%) were committed to address capacity concerns and 66 hours (20.1%) were committed to alleviate congestion.

Eleven Resources were committed in September, primarily to manage capacity

Resource #	Effective Resource-hours	For Congestion		For Capacity	
		Opt-Out	Non-Opt-Out	Opt-Out	Non-Opt-Out
1	72.3	0.0	23.8	0.0	48.6
2	55.5	0.0	0.0	0.0	55.5
3	46.0	0.0	0.0	0.0	46.0
4	42.7	0.0	10.9	0.0	31.8
5	41.3	4.0	9.8	0.0	27.5
6	30.9	0.0	0.0	0.0	30.9
7	17.6	9.7	0.0	0.0	7.9
8	8.0	0.0	8.0	0.0	0.0
9	6.0	0.0	0.0	0.0	6.0
10	4.0	0.0	0.0	0.0	4.0
11	3.9	0.0	0.0	0.0	3.9
Total	328.1	13.7	52.4	0.0	262.0

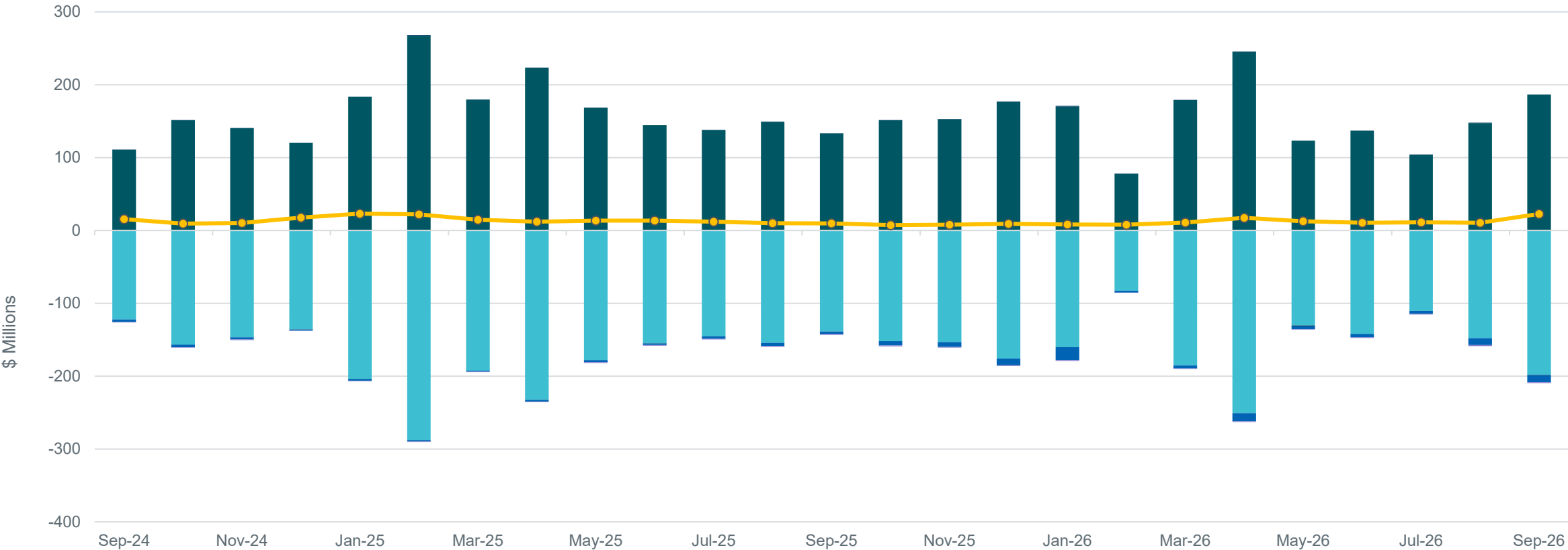
* All numbers are rounded to the first decimal place

Net Allocation to Load in September 2026 was (\$71.34) Million



This information is available in tabular form in the Settlement Stability Report presented quarterly to the [Wholesale Market Subcommittee](#)

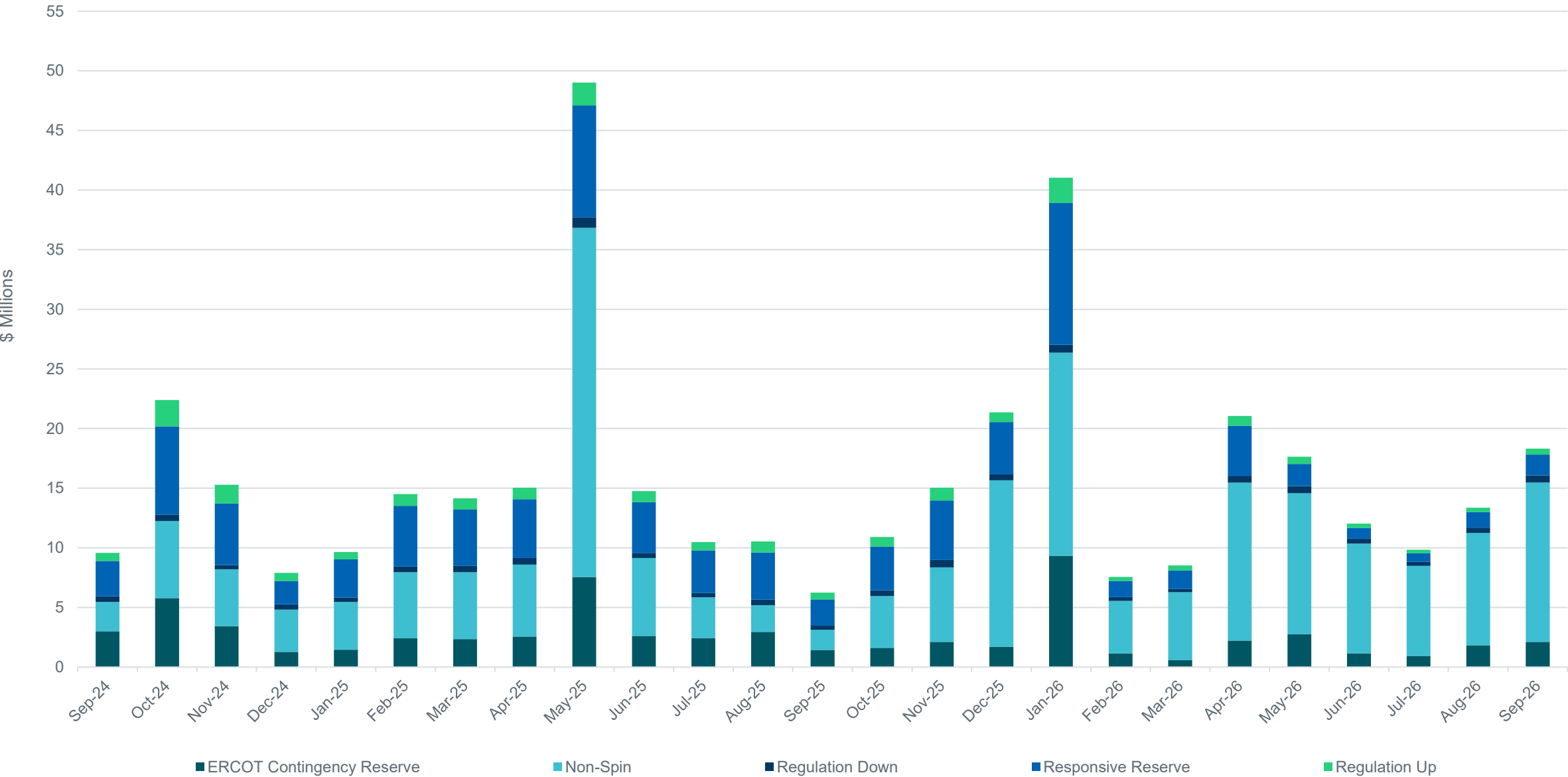
Real-Time Revenue Neutrality Allocated to Load was \$22.72M for September 2026



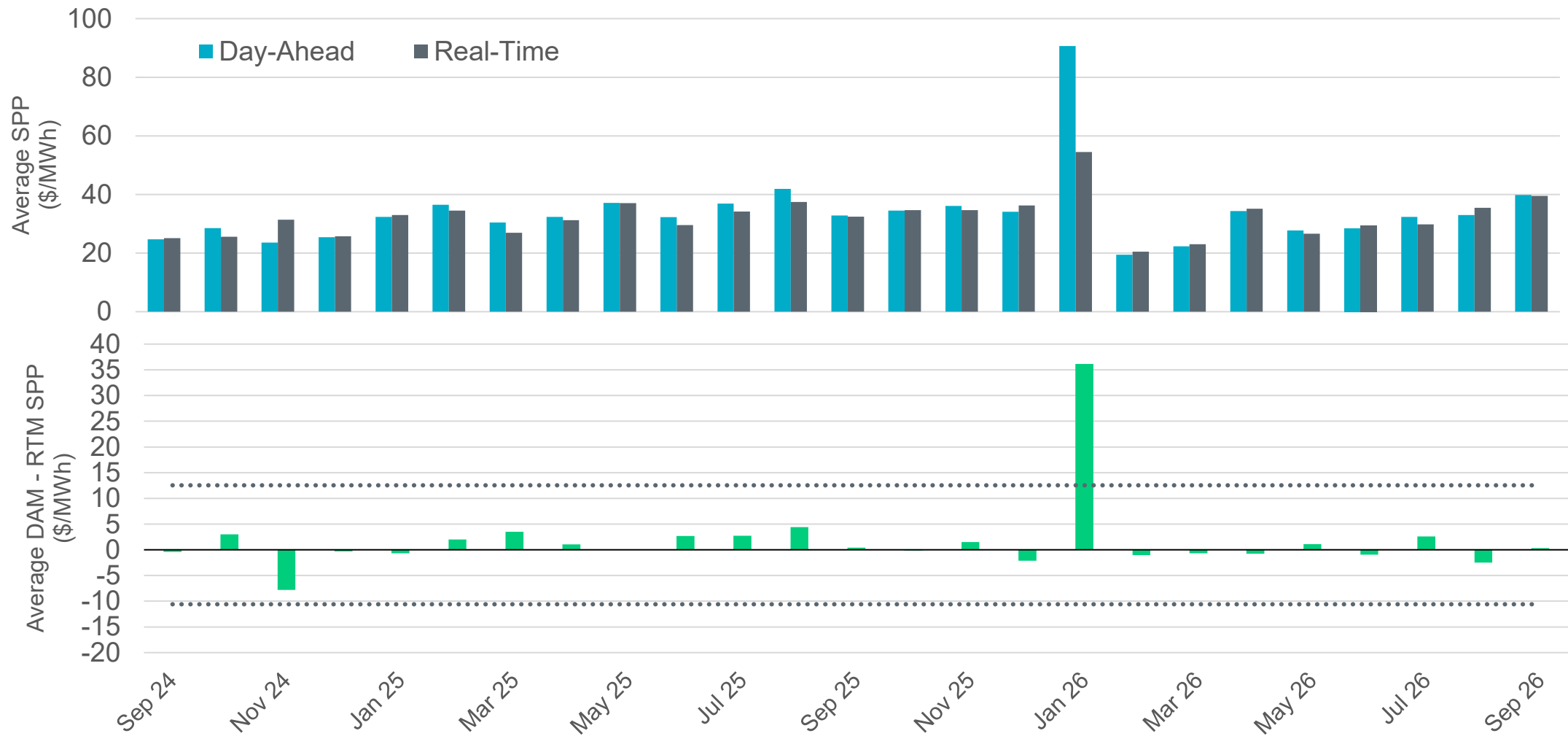
- Real-Time Energy Imbalance
- Real-Time Congestion from Self-Schedules
- Real-Time Energy for SODG and SOTG
- Real-Time Point-to-Point Obligations
- DC Ties & Block Load Transfers
- Load Allocated Revenue Neutrality

September 2026 (\$M)	
Real-Time Energy Imbalance	\$186.75
Real-Time Point-to-Point Obligation	(\$198.35)
Real-Time Congestion from Self-Schedules	(\$0.39)
DC Tie & Block Load Transfer	(\$9.45)
Real-Time Energy for SODG and SOTG	(\$1.28)
Load Allocated Revenue Neutrality	\$22.72

DAM Ancillary Services for September 2026 totaled \$18.32M

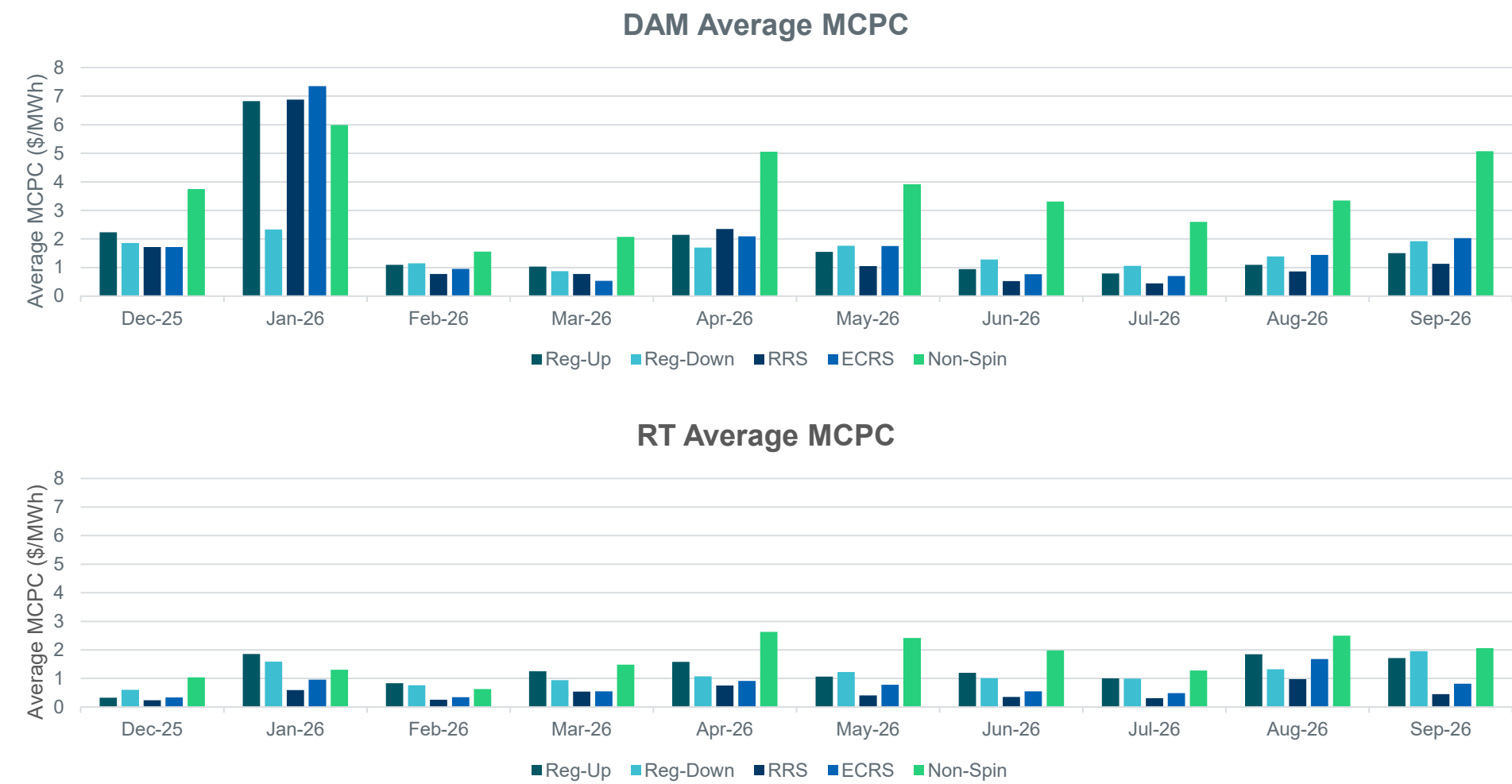


Real-time prices and day-ahead prices converged closely in August, with day-ahead prices exceeding real-time by \$0.33/MWh on average



Notes: 1) The dotted lines represent the bounds for major outliers.
2) Averages are weighted by Real-Time Market Load.

Day-ahead and real-time Ancillary Service prices generally have trended lower since April

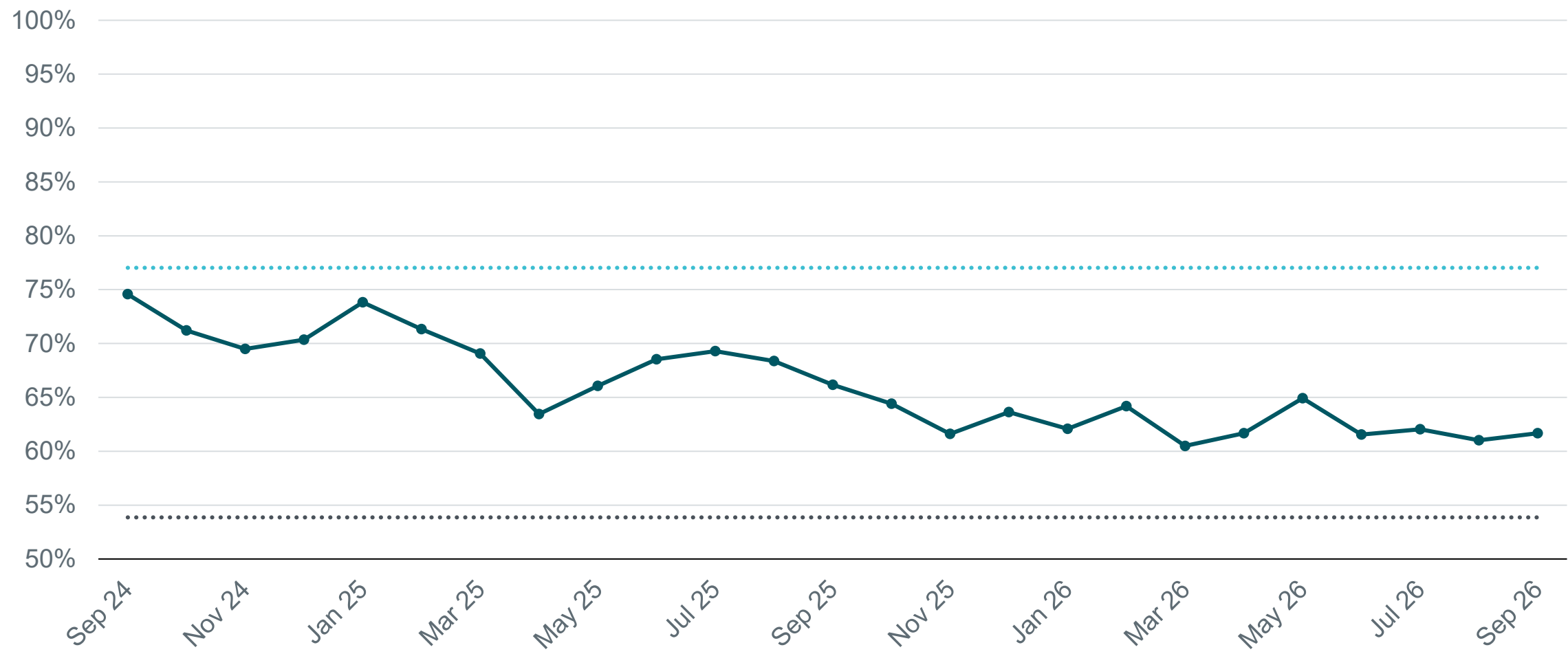


Notes:

1) Starting with the introduction of the RTC+B program in December 2025, there are now MCPCs for all Ancillary Services in the Real-Time Market (RTM). The table compares RTM MCPCs to DAM MCPCs.

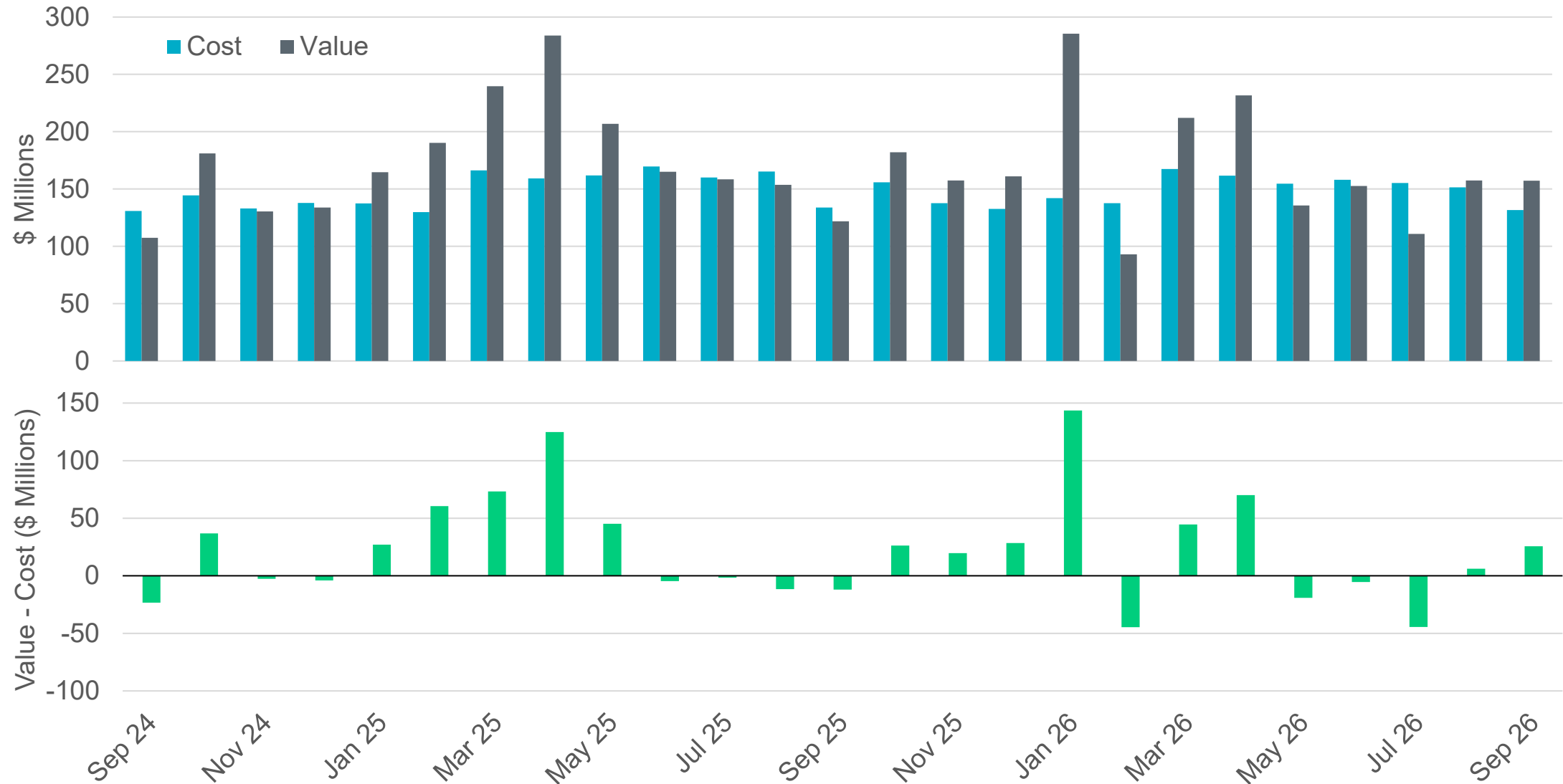
2) Monthly MCPCs are calculated as energy- and time-weighted average values, using the total AS awards of each interval for each AS type.

The percentage of real-time load transacted in the Day-Ahead Market is relatively flat since November 2025 and lower than in the previous two years

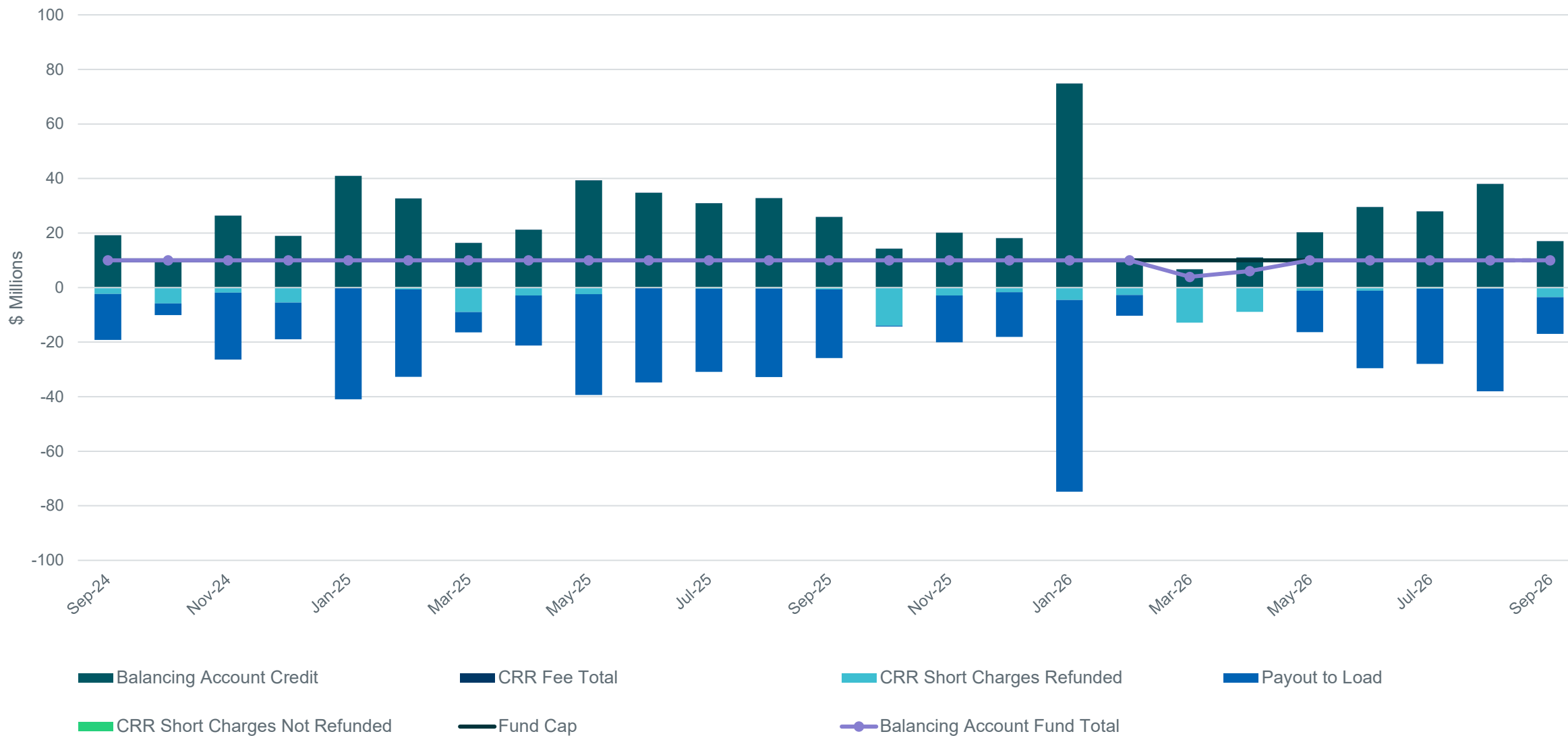


*The dotted lines represent the bounds for major outliers

The net value of Congestion Revenue Rights (CRRs) was positive by ~\$26M in September



The CRR Balancing Account was fully-funded and excess amounts were allocated to Load



Price Issues and the Impact of Nodal Protocol Revision Request (NPRR) 1024 on Price Corrections

This graph looks at the recent history of price issues in the RTM or DAM and breaks the impacted Operating Days into three categories:

- Days that met the criteria for “significance” under NPRR1024 and were corrected
- Days that were not corrected because they did not meet the criteria for “significance” under NPRR1024
- Days where potentially impacted prices were unable to be corrected

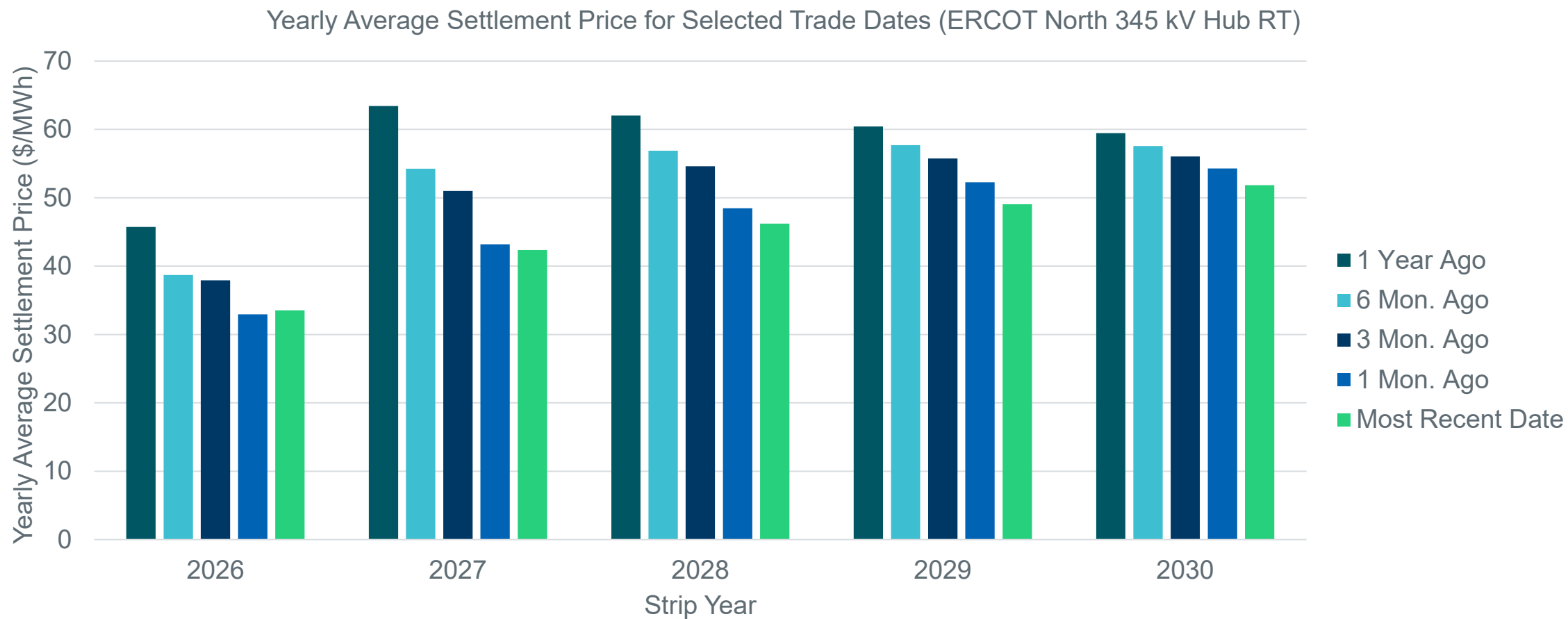


ERCOT identified one pricing incident, but was unable to correct prices

Unable to Correct Prices

A portion of ERCOT's market system network model did not update properly following a scheduled database load at the start of September 2, 2026. ERCOT corrected the model at 1:22 PM that day. From midnight until the correction, real-time prices were not calculated correctly for the affected meters. Because the data needed to recalculate those prices could not be accurately recreated, ERCOT was unable to analyze the impact on Real-Time Market prices. See Market Notice [M-A090826-01](#)

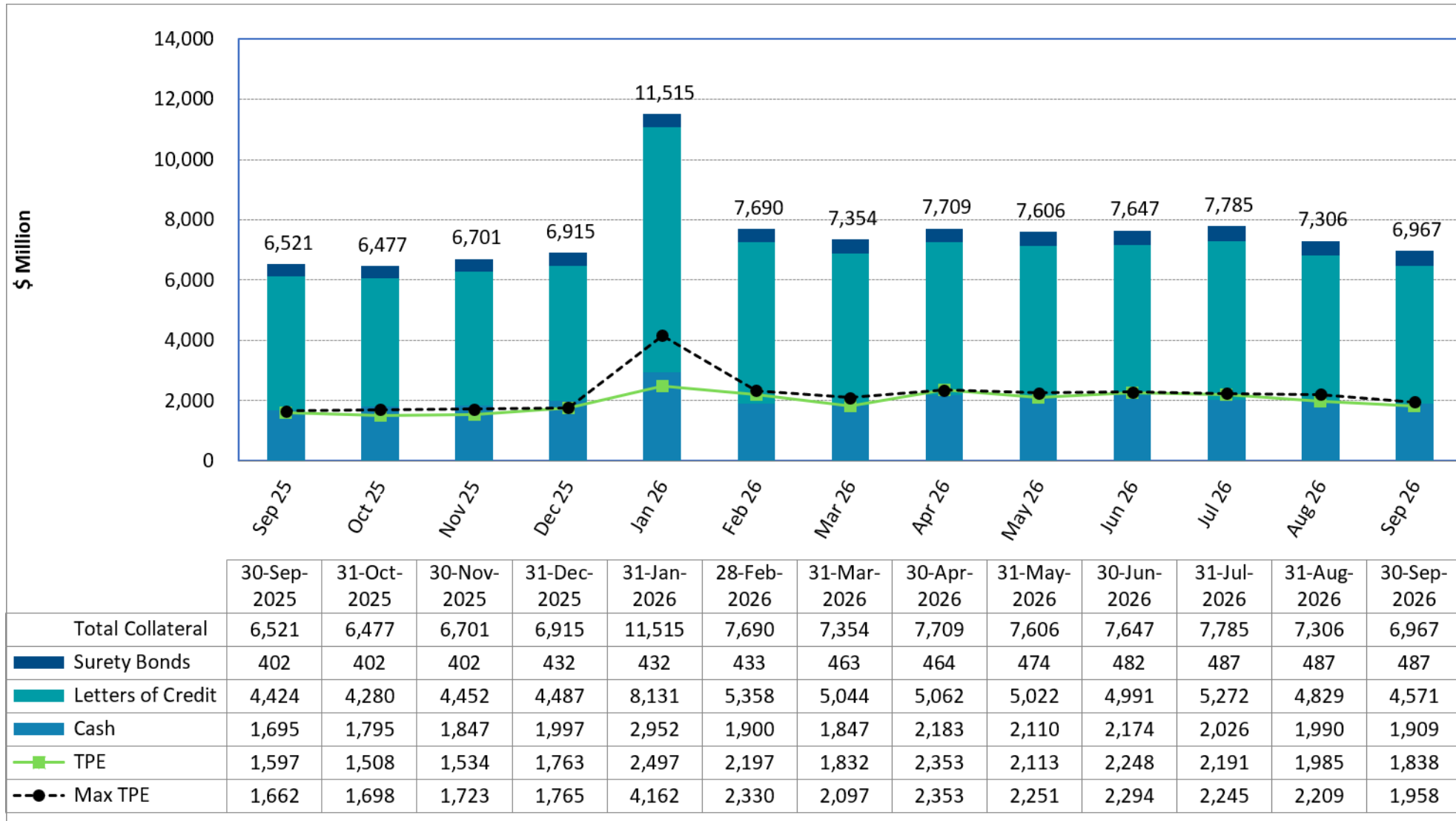
Longer-Term Forward Price Trends



Over the past six months, the yearly average forward prices show an increasing trend towards 2030. However, current yearly average prices are trading consistently lower than they have been over the last year.

*Strip year is an average of monthly ICE On-peak prices. The most recent data was captured on 10/2/2026.

Available Credit by Type Compared to Total Potential Exposure (TPE)



*Numbers are as of month end except for Max TPE

Retail Transaction Volumes – Summary – September 2026

	Year-To-Date		Transactions Received	
Transaction Type	September 2026	September 2025	September 2026	September 2025
Switches	1,160,210	1,105,374	142,729	102,183
Acquisitions	0	0	0	0
Move - Ins	2,234,693	2,273,571	257,934	256,599
Move - Outs	1,080,303	1,108,635	119,895	130,026
Continuous Service Agreements (CSA)	495,405	634,294	50,820	42,269
Mass Transitions	0	0	0	0
Total	4,970,611	5,121,874	571,378	531,077