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ERCOT Monthly Operational Overview

(April 2026)

ERCOT Public
May 18, 2026

Highlights, Records and Notifications

- ERCOT's maximum peak demand for the month of April was 74,603* MW on 4/27/26; this is 8,986 MW higher than the April 2025 peak demand of 65,617 MW on 4/14/25.

- ERCOT issued 3 notifications:
  - 1 Advisory – Due to ERCOT's Transient Security Assessment Tool being unavailable on 4/10/2026 18:27 to 4/10/2026 18:45.
  - 1 Watch – Due to a transmission watch for the Del Rio area due to planned and forced outages in the area from 4/15/26 11:35 to 4/15/26 15:15.
  - 1 Advisory – Due to the Space Weather Prediction Center issuing a Geomagnetic Disturbance (GMD) Warning of K-7 on 4/3/26 11:02 until 04/03/2026 19:00.

* Preliminary value from May Demand and Energy 2026 report.

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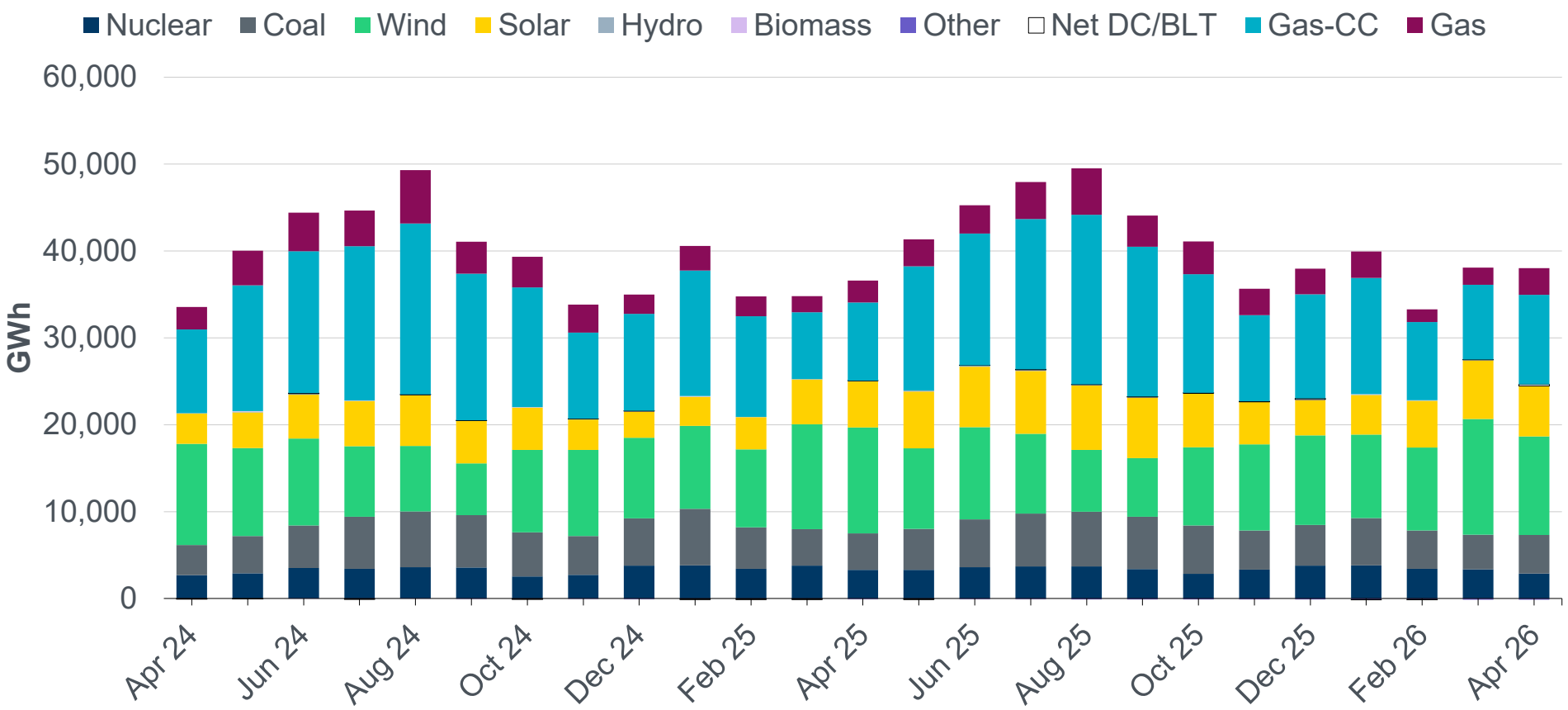
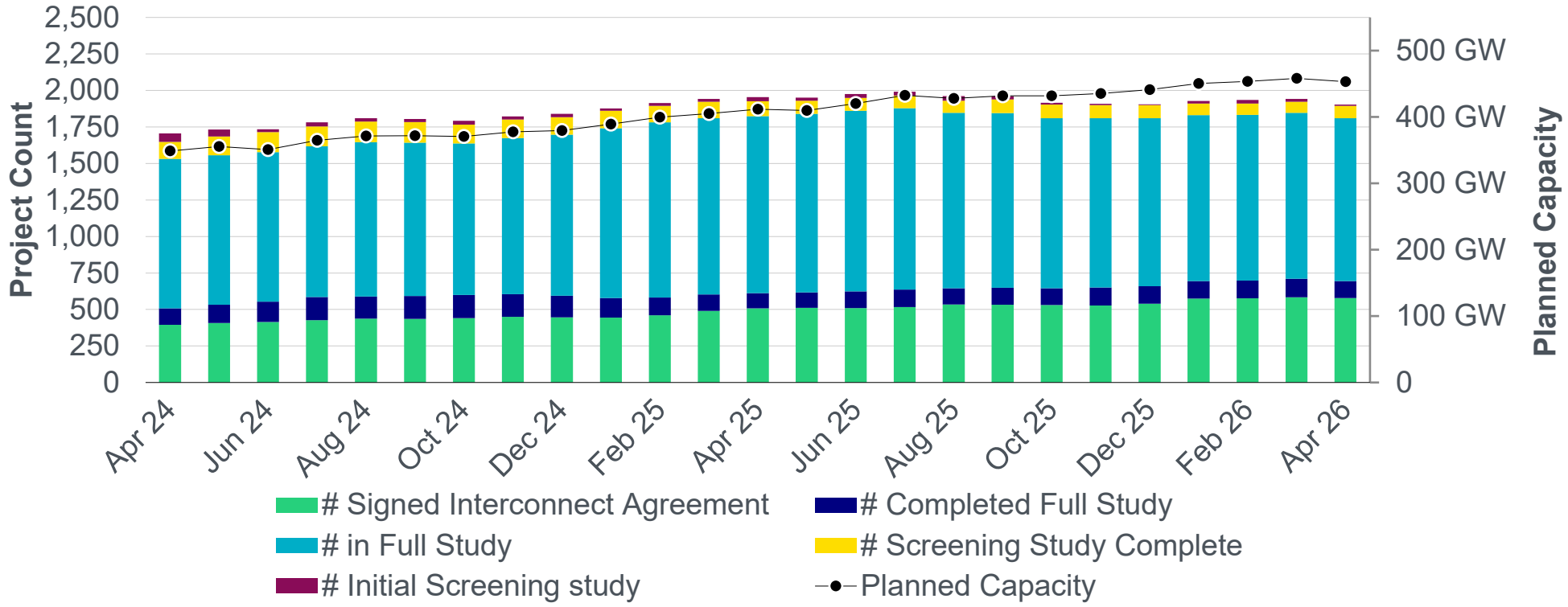
Monthly energy generation increased by 3.8% year-over-year to 37,897 GWh in April 2026, compared to 36,506 GWh in April 2025



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 36 “Small Generator” projects totaling 323 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

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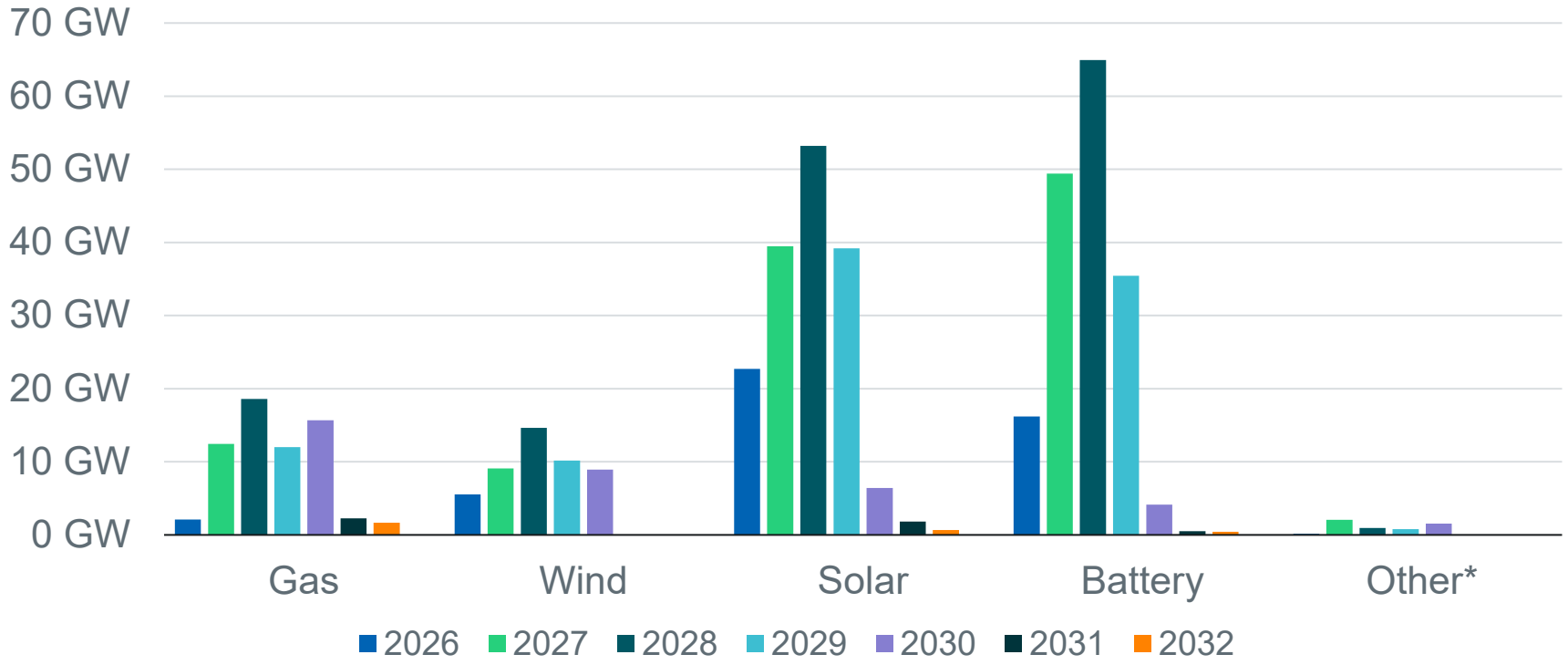
Interconnection Queue Capacity by Fuel Type

Totals: Solar 163 GW (36.1%), Wind 48 GW (10.7%), Gas 65 GW (14.3%), Battery 171 GW / 411 GWh (37.8%), Other 5 GW (1.2%)
(Excludes capacity associated with projects designated as Inactive per Planning Guide Section 5.2.5)



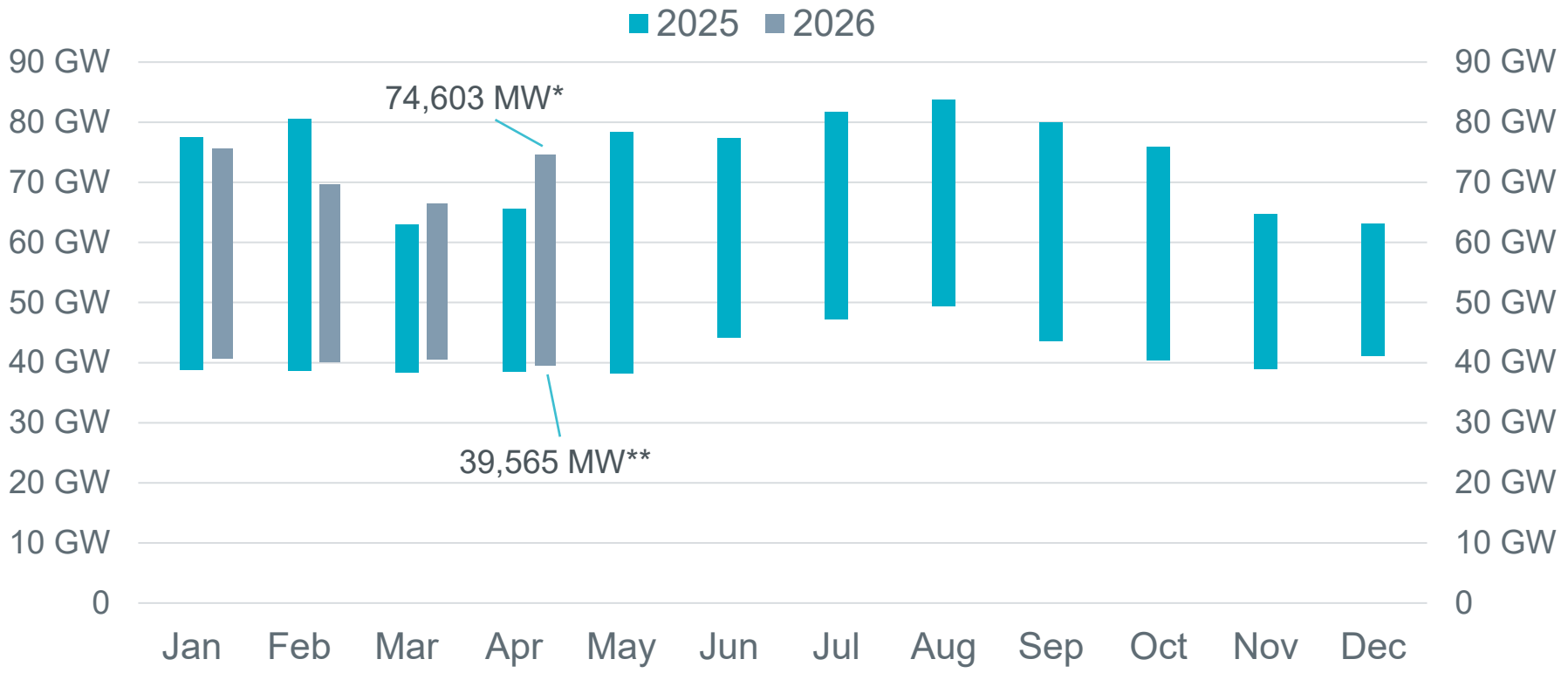
A break-out by zone can be found in the monthly Generator Interconnection Status (GIS) reports available on the ERCOT Resource Adequacy Page: http://www.ercot.com/gridinfo/resource

- 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 1,965 active generation interconnection requests totaling 453,168 MW as of April 30. This includes 163,479 MW of solar, 48,349 MW of wind, 171,106 MW of battery, 64,746 MW of gas projects, and 1,337 MW for a nuclear upgrade project; 151 projects were categorized as inactive, up from 147 in March.
- ERCOT is currently reviewing proposed transmission improvements with a total estimated cost of $28.922 billion as of April 30, 2026.
- Transmission Projects endorsed in 2026 total $4.751 billion as of April 30, 2026.
- All projects (in engineering, routing, licensing and construction) total approximately $32.631 billion as of February 1, 2026.
- Transmission Projects energized in 2026 total approximately $8.900 million as of February 1, 2026.
- Transmission Projects planned to energize during the remainder of 2026 total approximately $7.525 billion as of February 1, 2026.

ERCOT's Maximum peak demand for the month of April was 74,603 MW on 4/27/26; this is 8,986 MW more than the April 2025 peak demand of 65,617 MW on 4/14/2025.



*Based on the maximum net system hourly value from the April 2026 Demand and Energy report.
**Based on the minimum net system 15-minute interval value from the April 2026 Demand and Energy report.
Data for latest two months are based on preliminary settlements.

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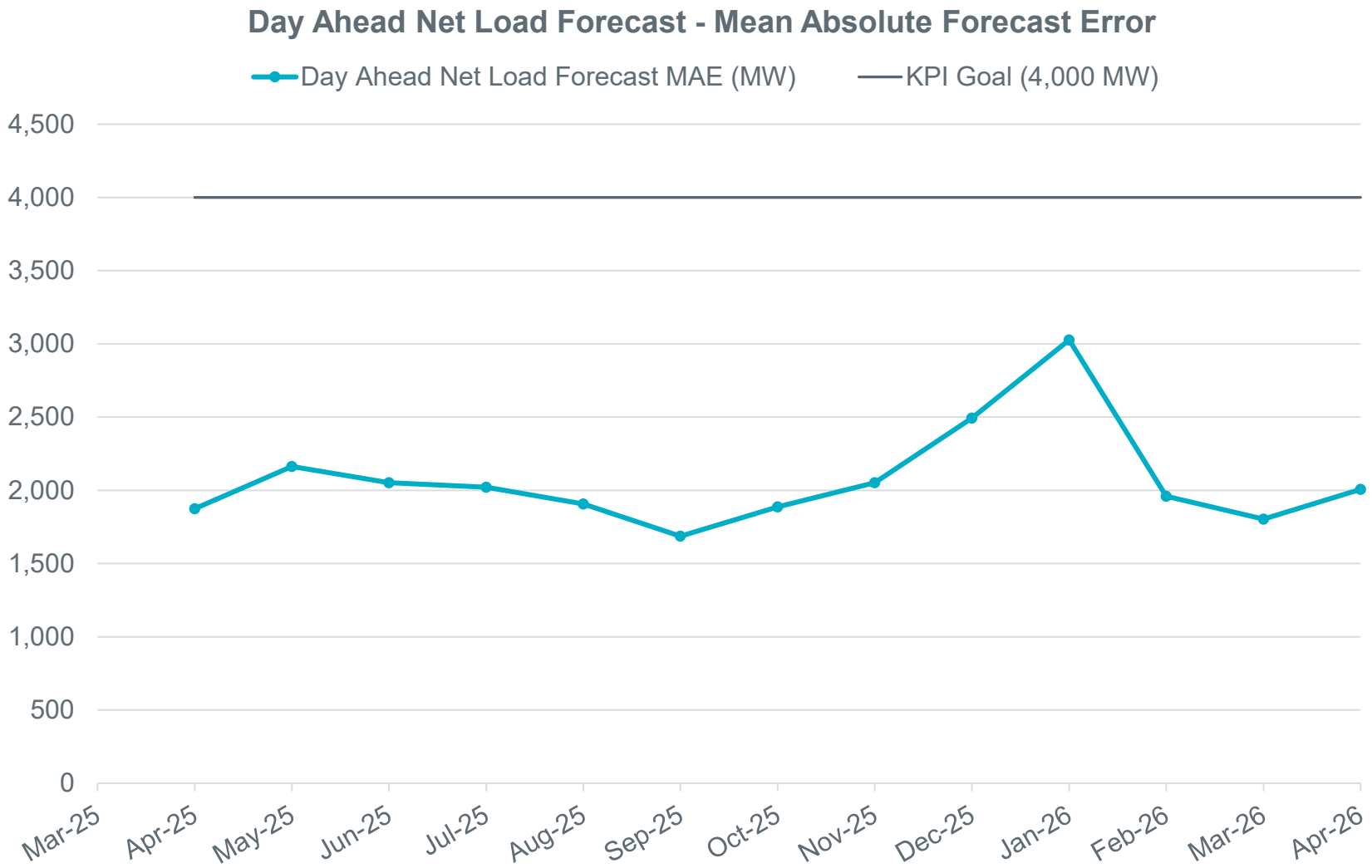
Net Load Forecast Performance



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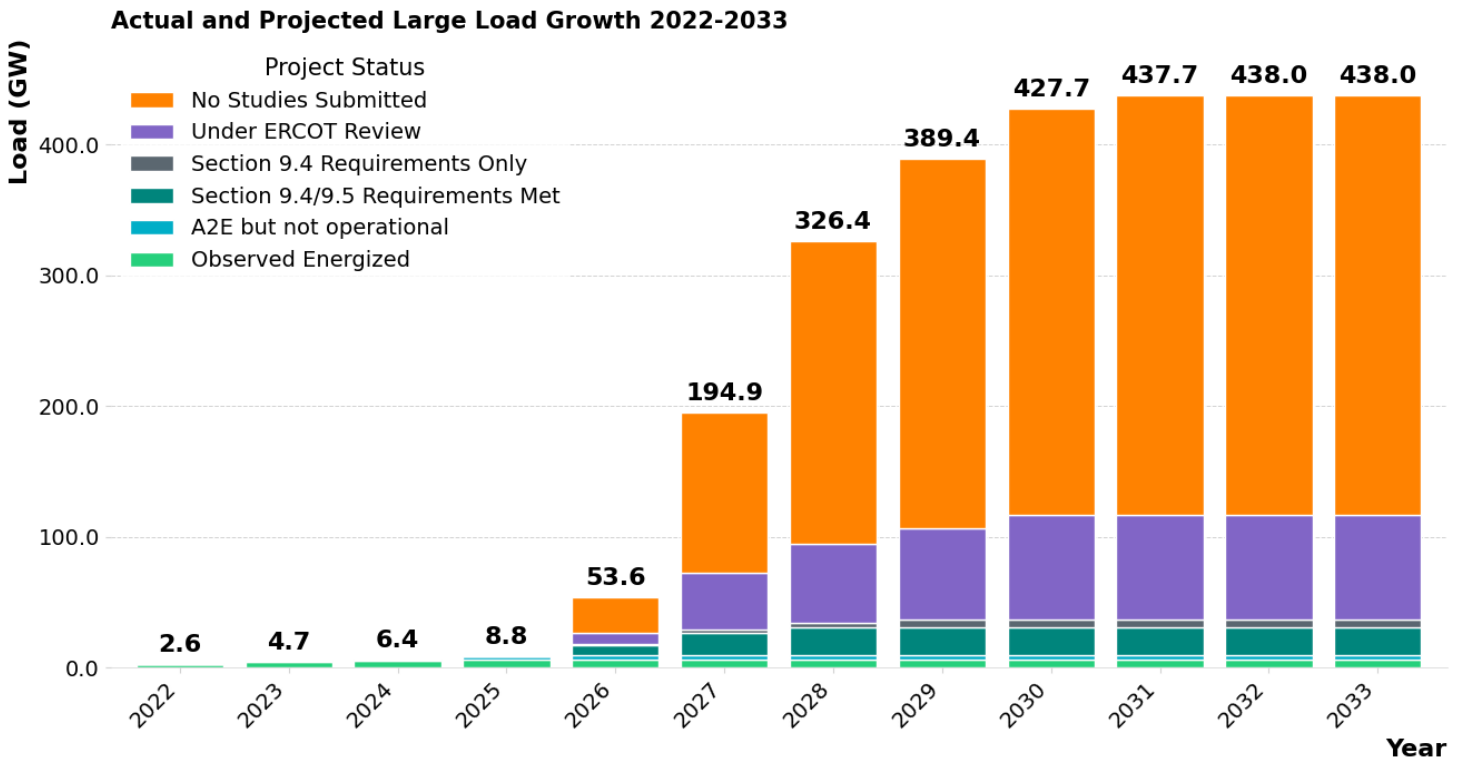
Current Large Load Interconnection Queue



Project Status	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
No Studies Submitted	0.0	0.0	0.0	0.0	26.9	122.6	232.3	282.9	311.1	321.1	321.4	321.4
Under ERCOT Review	0.0	0.0	0.0	0.0	8.9	43.3	60.1	70.0	80.2	80.2	80.2	80.2
Section 9.4 Requirements Only	0.0	0.0	0.0	0.0	0.4	2.5	3.7	5.8	5.8	5.8	5.8	5.8
Section 9.4/9.5 Requirements Met	0.0	0.0	0.0	0.0	8.3	17.4	21.4	21.7	21.7	21.7	21.7	21.7
A2E but not operational	0.0	0.3	1.4	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
Observed Energized	2.6	4.5	5.0	5.8	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
Total (GW)	**2.6**	**4.8**	**6.4**	**8.8**	**53.5**	**194.8**	**326.5**	**389.4**	**427.8**	**437.8**	**438.1**	**438.1**

Observed Energized – Projects that have received Approval to Energize from ERCOT Operations and are fully operational. Represented by all time non-simultaneous peak load consumption.

Approved to Energize but Not Operational – Projects that have received Approval to Energize from ERCOT Operations but are not observed to be operational.

Planning Studies Approved – Projects that have received ERCOT approval of required interconnection studies. Any GWs that were not approved are reclassified as No Studies Submitted.

Under ERCOT Review – Projects that have studies under review by ERCOT.

No Studies Submitted – Projects that are tracked by ERCOT but that have not yet provided sufficient information for ERCOT to begin review. Additionally, GWs that were not approved by ERCOT after review of planning studies are included in this category until a path to interconnect these GWs is identified, or the customer cancels the interconnection request.

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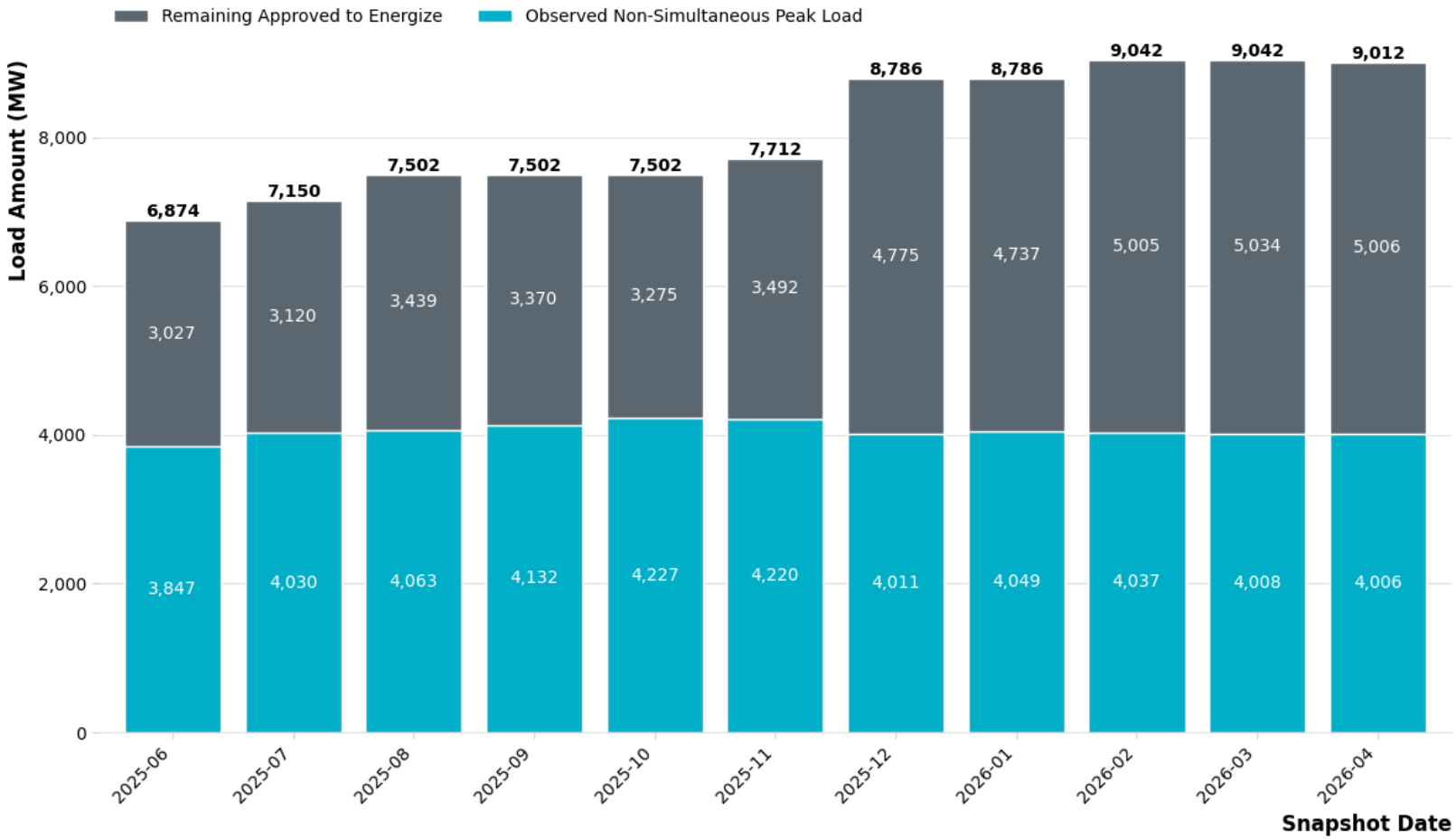
Loads Approved to Energize - Observations

- Of the 9,012 MW that have received Approval to Energize, ERCOT has observed a **non-simultaneous** monthly peak consumption of 4,006 MW in April 2026, which is a slight decrease since March 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.



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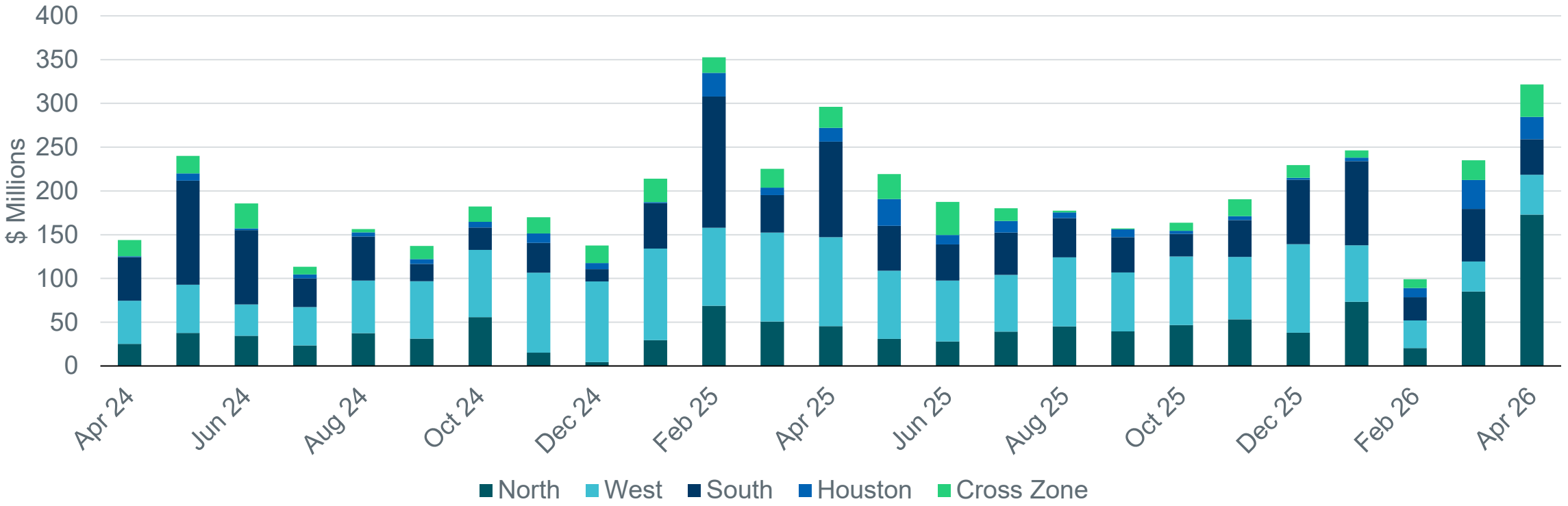
Real-Time congestion rent increased in April 2026 to its highest level since February 2025 driven by outage conditions in North Zone

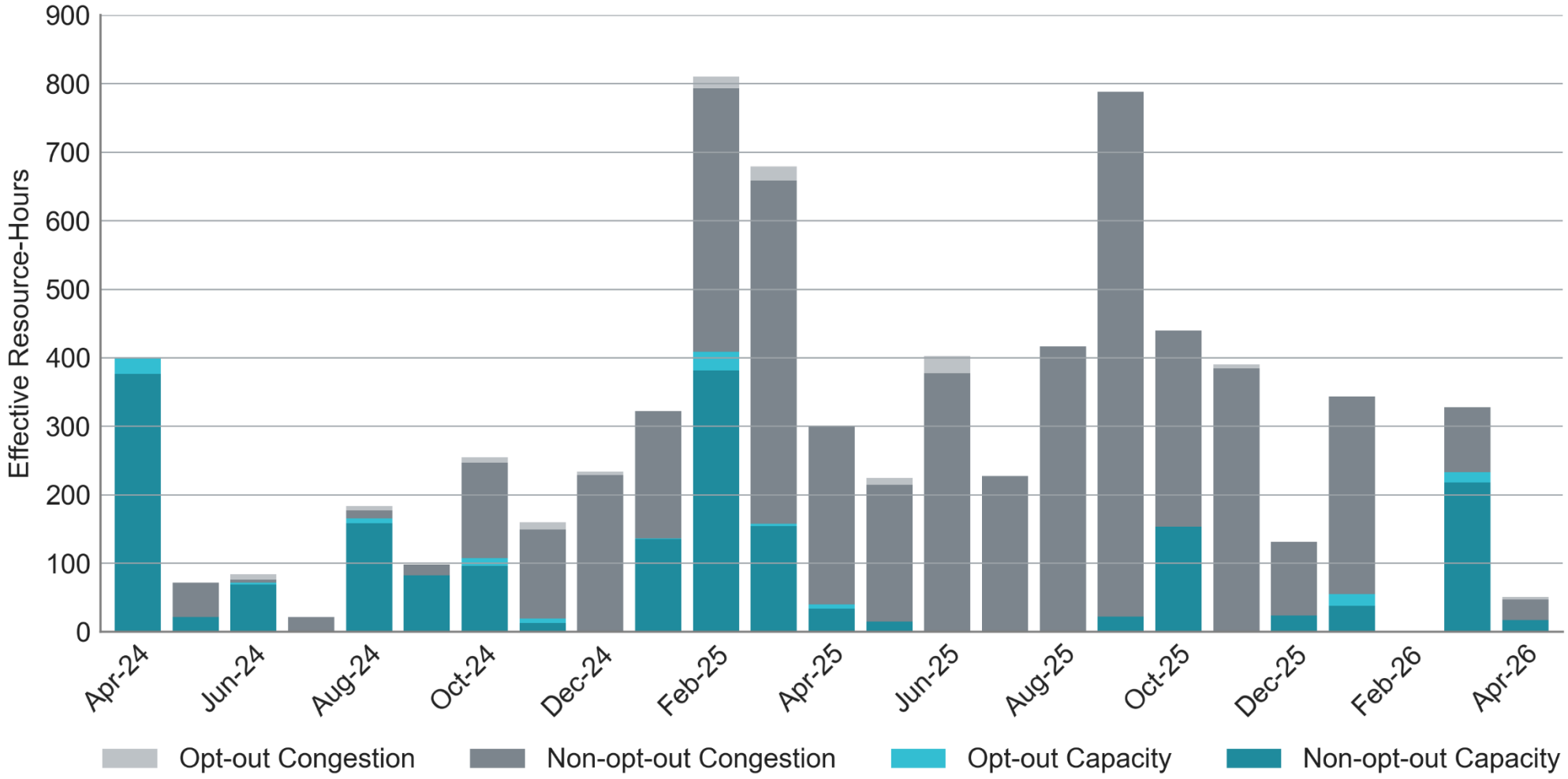


Total Real-Time congestion rent increased significantly in April, with the highest congestion rent in the North and West Zones

- The constraint representing loss of the 345kV line from Ramhorn Hill Switch to Hicks Switch (overloading the Hicks Switch Transformer) primarily drove congestion rent in the **North Zone**.
- The constraint representing loss of Ranger Camp Switch to Morgan Creek SES 345kV line (overloading the 345kV line 6945 Morgan Creek SES to Cattleman Switch) primarily drove congestion rent in the **West Zone**.

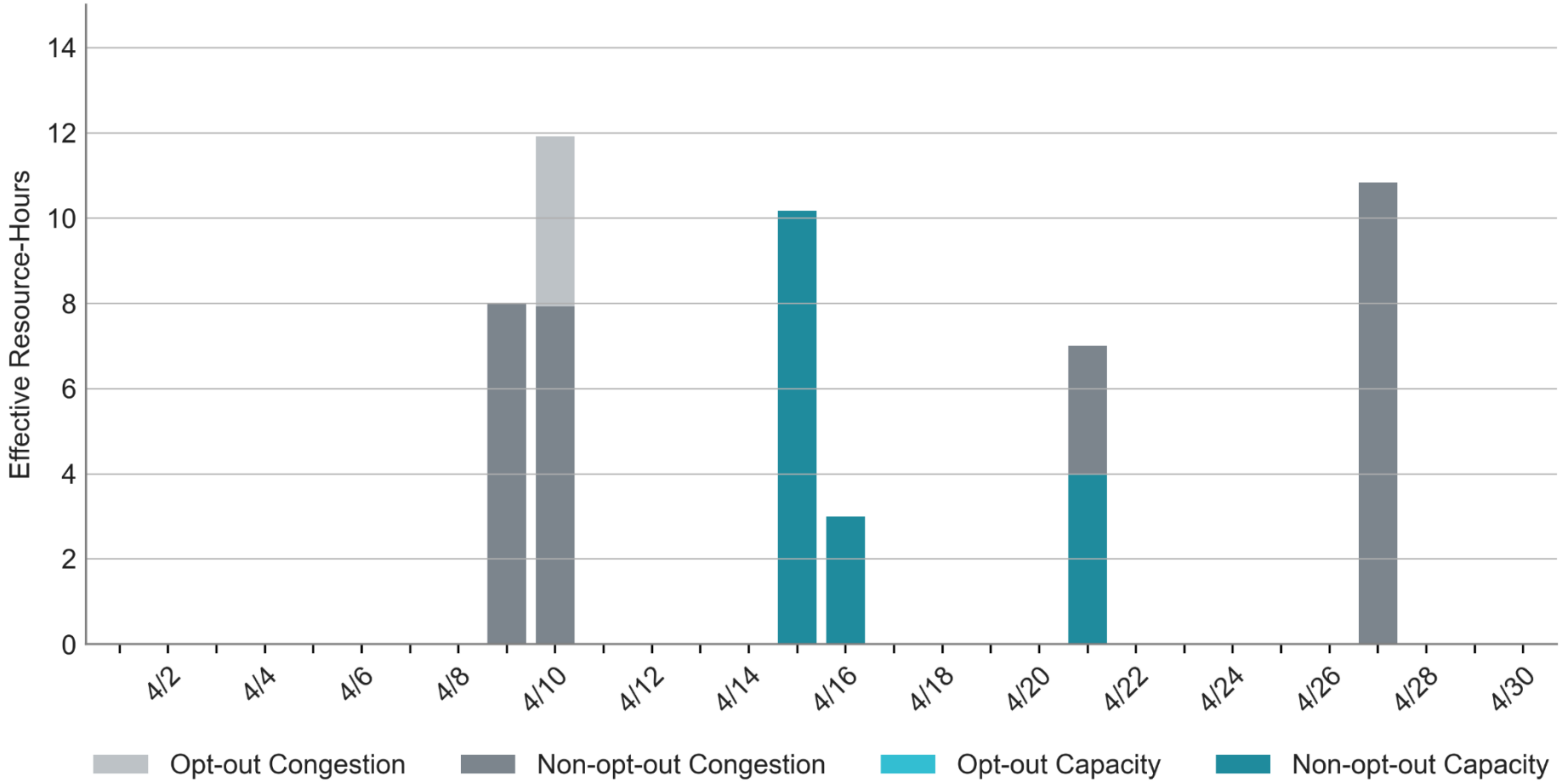
Notes:
1) Congestion rent is determined using the shadow prices and MW flows for individual constraints in SCED as well as the length in time of SCED intervals.
2) The "Cross Zone" category consists of cases in which the substations on either end of the constraint are in different zones.

RUC Activity decreased in April 2026 compared to the same month in 2024 and 2025



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.

Most RUC instructions (66%) in April were committed to alleviate congestion



There were 50.9 RUC total effective Resource-hours in April. 33.8 hours (66%) were committed to alleviate congestion and 17.2 (34%) were committed to address capacity concerns.

Fourteen Resources were committed in April, primarily to manage congestion

Resource #	Effective Resource-hours	For Congestion		For Capacity	
		Opt-Out	Non-Opt-Out	Opt-Out	Non-Opt-Out
1	0.0	0.0	0.0	0.0	0.0
2	4.0	0.0	4.0	0.0	0.0
3	12.0	4.0	4.0	0.0	4.0
4	5.9	0.0	5.9	0.0	0.0
5	2.0	0.0	2.0	0.0	0.0
6	1.5	0.0	0.0	0.0	1.5
7	0.0	0.0	0.0	0.0	0.0
8	7.7	0.0	0.0	0.0	7.7
9	4.0	0.0	0.0	0.0	4.0
10	3.0	0.0	3.0	0.0	0.0
11	1.9	0.0	1.9	0.0	0.0
12	1.9	0.0	1.9	0.0	0.0
13	3.0	0.0	3.0	0.0	0.0
14	4.0	0.0	4.0	0.0	0.0
Total	**50.9**	**4.0**	**29.8**	**0.0**	**17.2**

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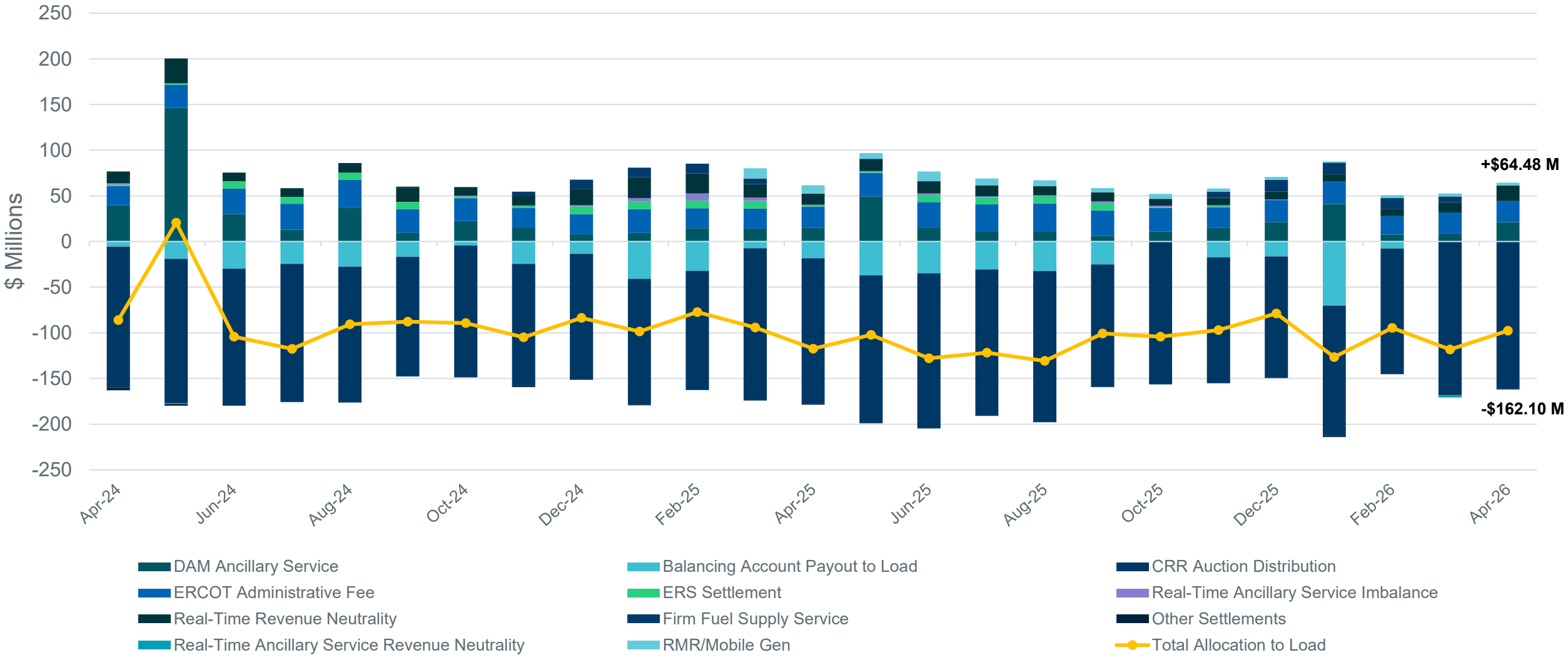
Net Allocation to Load in April 2026 was ($97.62) Million



This information is available in tabular form in the Settlement Stability Report presented quarterly to the Wholesale Market Subcommittee

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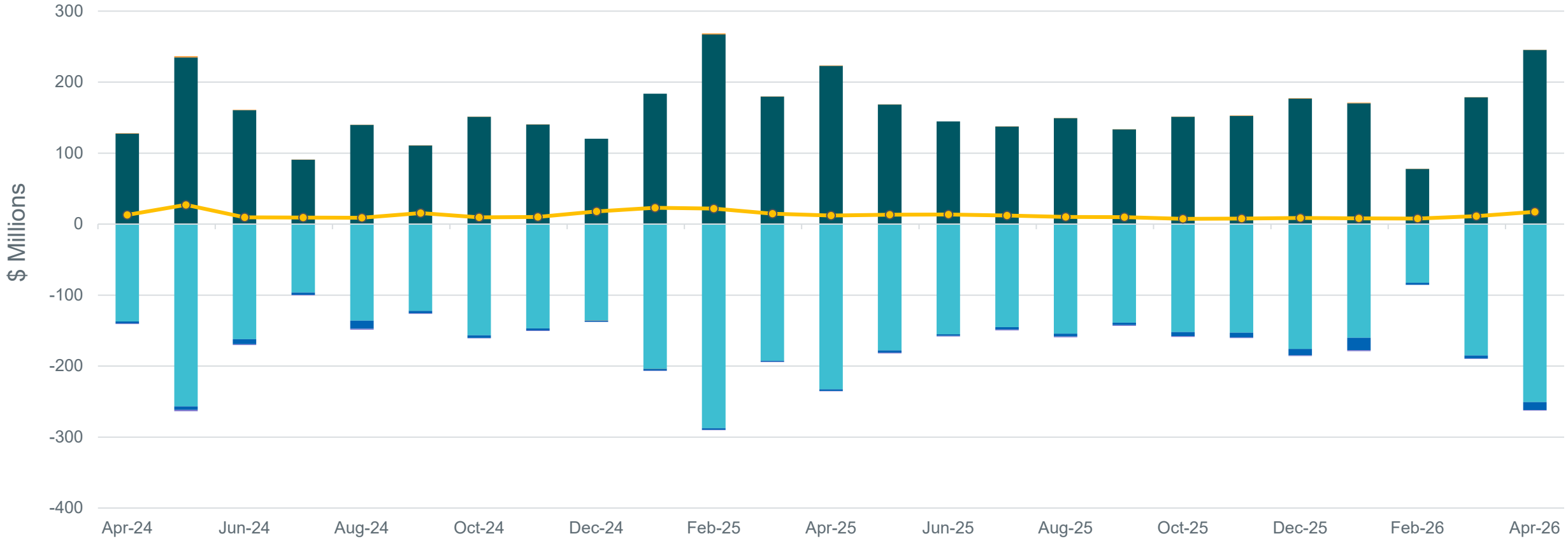
Real-Time Revenue Neutrality Allocated to Load was $17.17 M for April 2026



	April 2026 ($M)
Real-Time Energy Imbalance	$245.35
Real-Time Point-to-Point Obligation	($250.74)
Real-Time Congestion from Self-Schedules	$0.20
DC Tie & Block Load Transfer	($11.12)
Real-Time Energy for SODG and SOTG	($0.87)
Load Allocated Revenue Neutrality	**$17.17**

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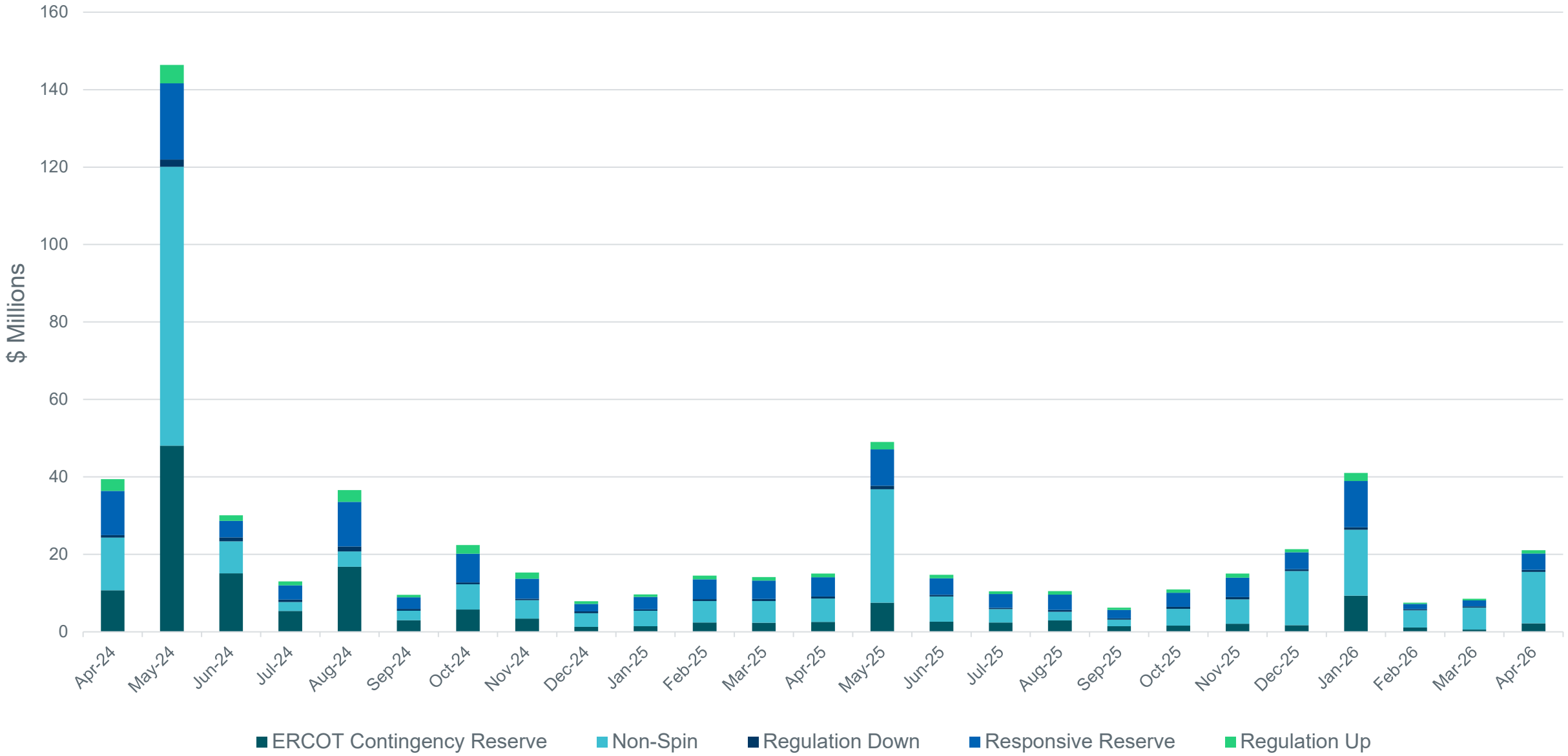
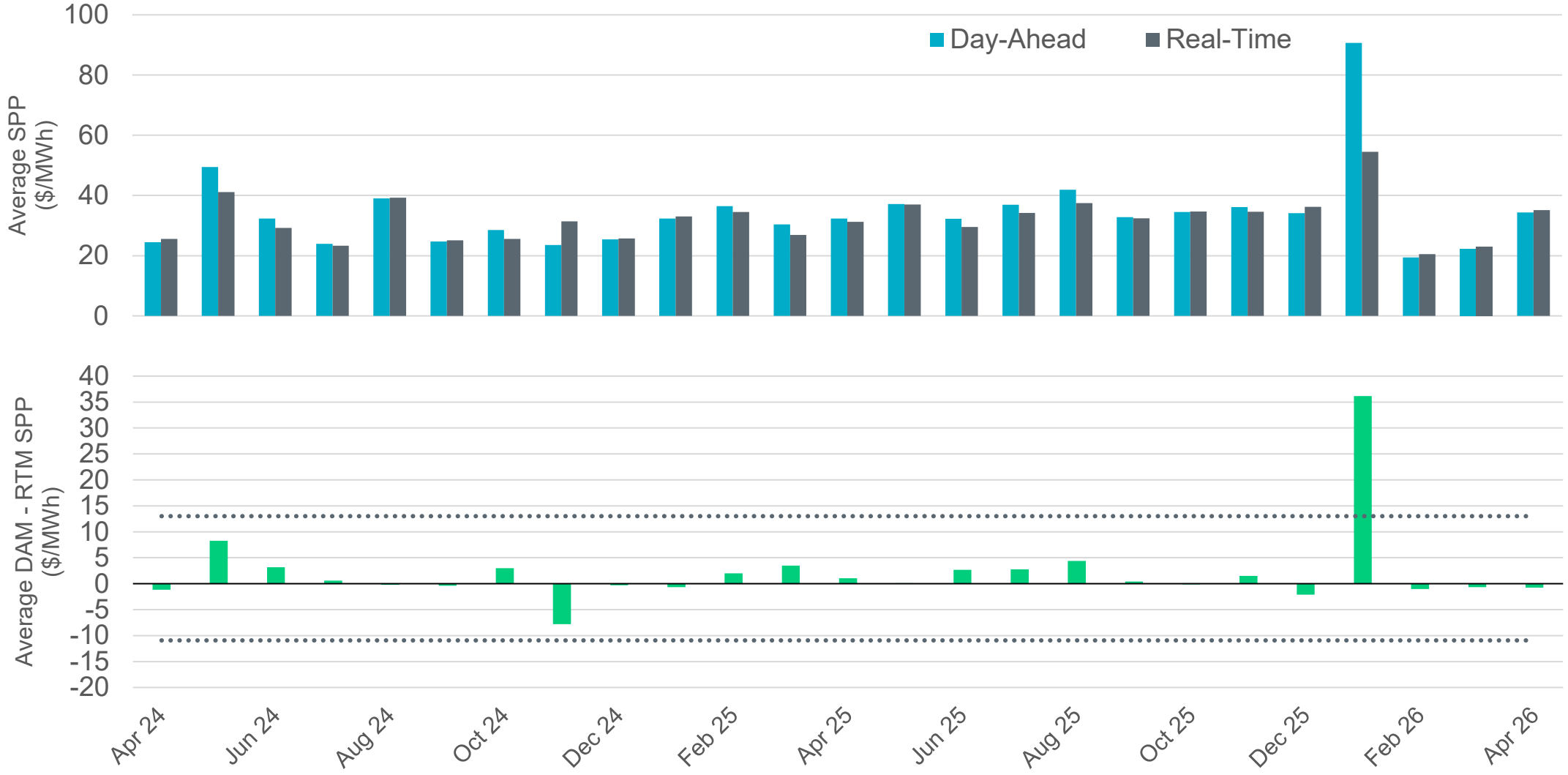
DAM Ancillary Services Allocated to Load for April 2026 totaled $21.06 M



Outage season and warmer temperatures lifted April prices; Day-Ahead and Real-Time prices converged closely



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

Average Ancillary Service (AS) Market Clearing Prices for Capacity (MCPC) for April

Ancillary Service	April 2026 Average DAM MCPC ($/MWh)	April 2026 Average RTM MCPC ($/MWh)
Regulation Up (Reg-Up)	2.14	1.58
Regulation Down (Reg-Down)	1.70	1.07
Responsive Reserve Service (RRS)	2.35	0.75
ERCOT Contingency Reserve Service (ECRS)	2.09	0.91
Non-Spinning Reserves (Non-Spin)	5.06	2.63

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.

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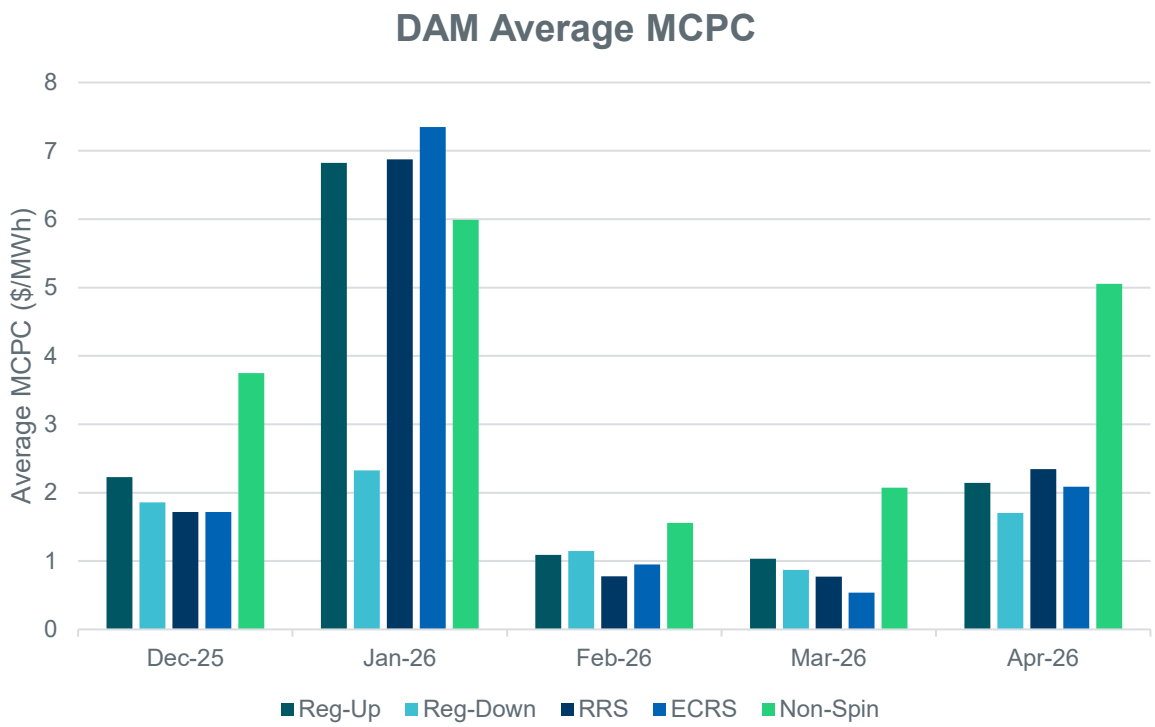
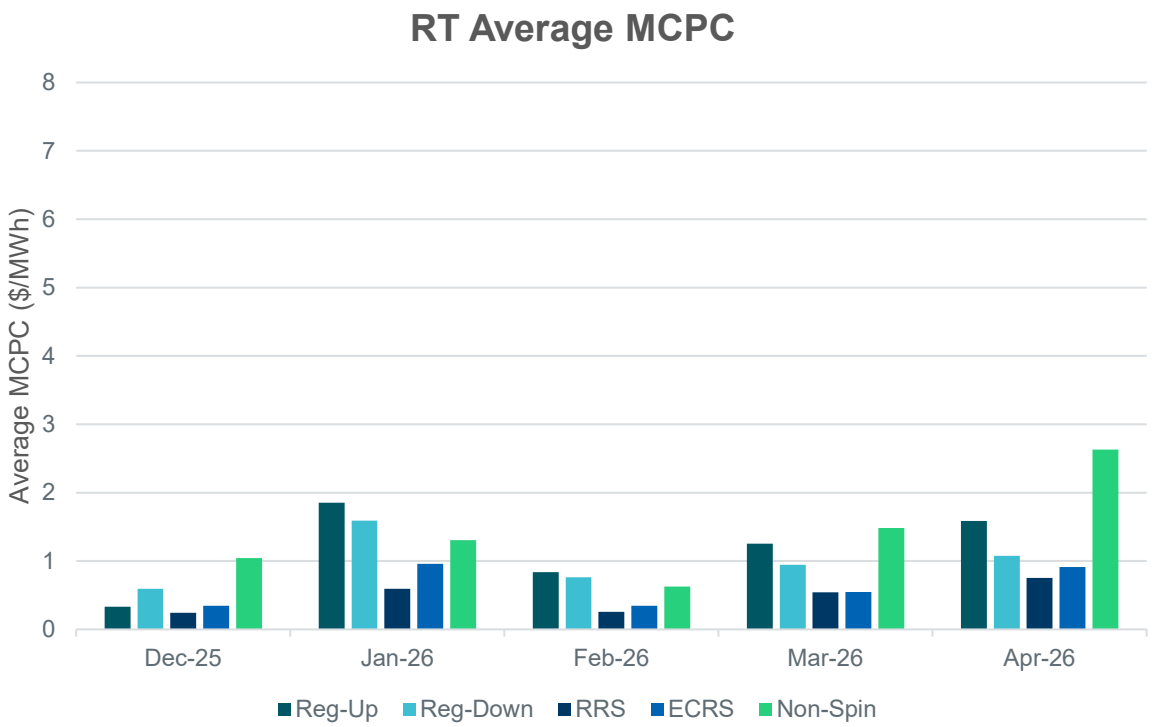
In April, both day-ahead and real-time Ancillary Service prices increased across all products, consistent with the trend of energy prices





Notes:

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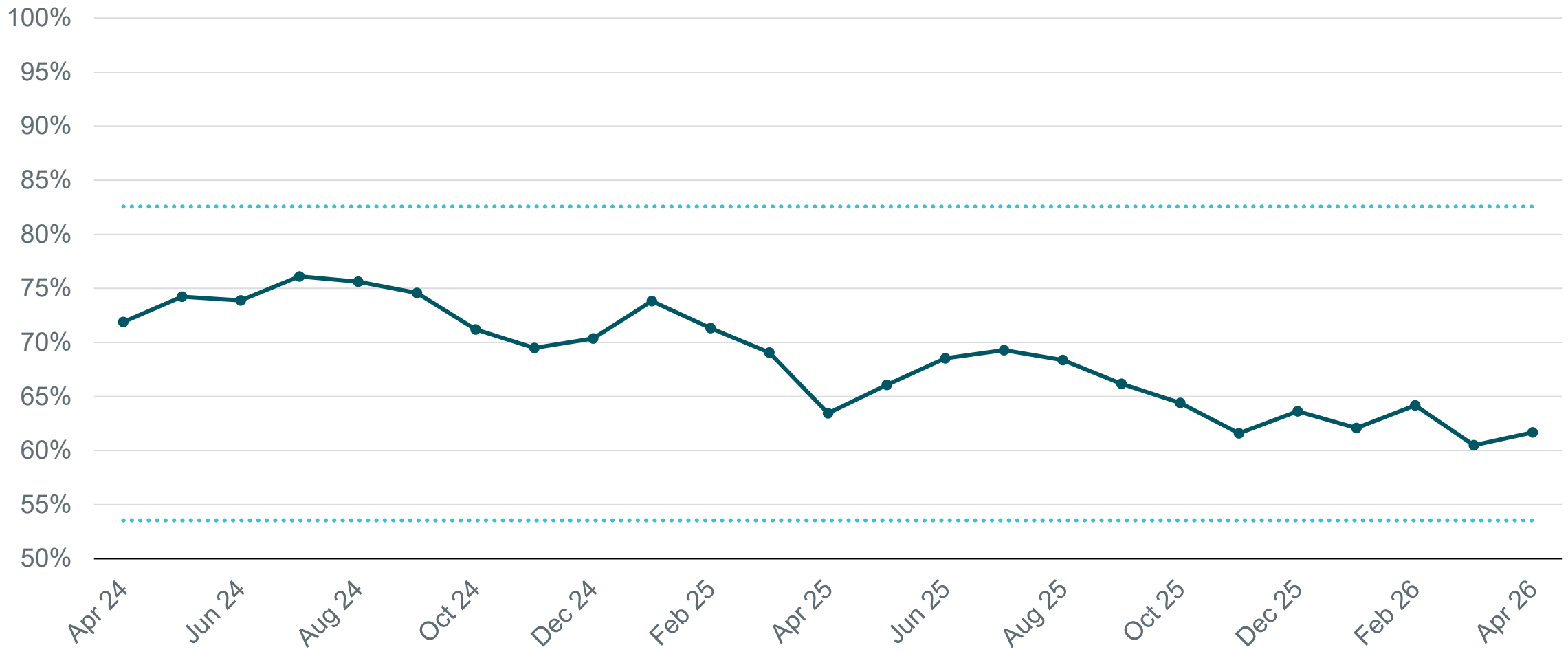
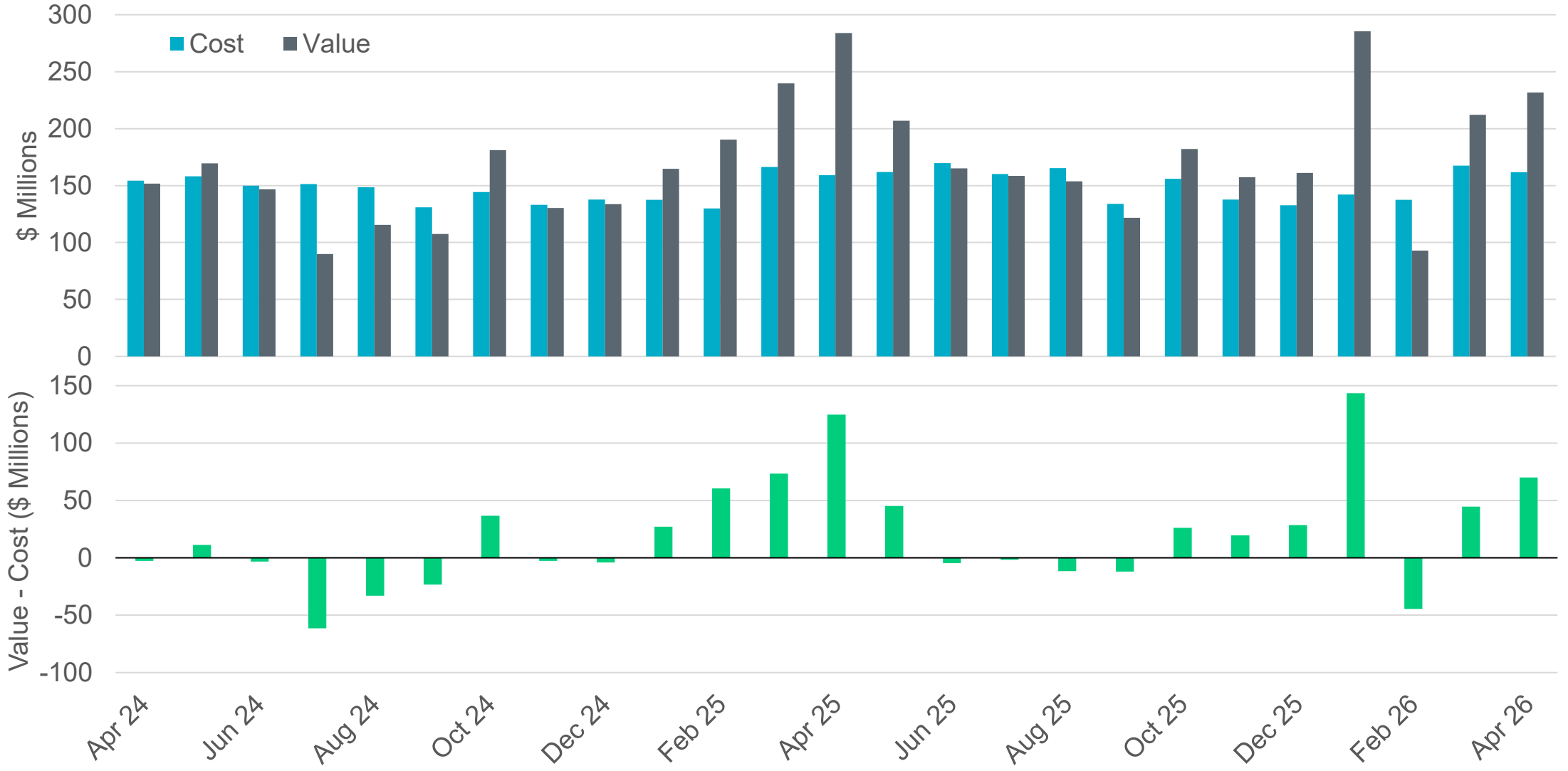
The percentage of real-time load transacted in the Day-Ahead Market continues to trend lower than in the previous two years



Congestion Revenue Right (CRR) value again exceeded costs in April



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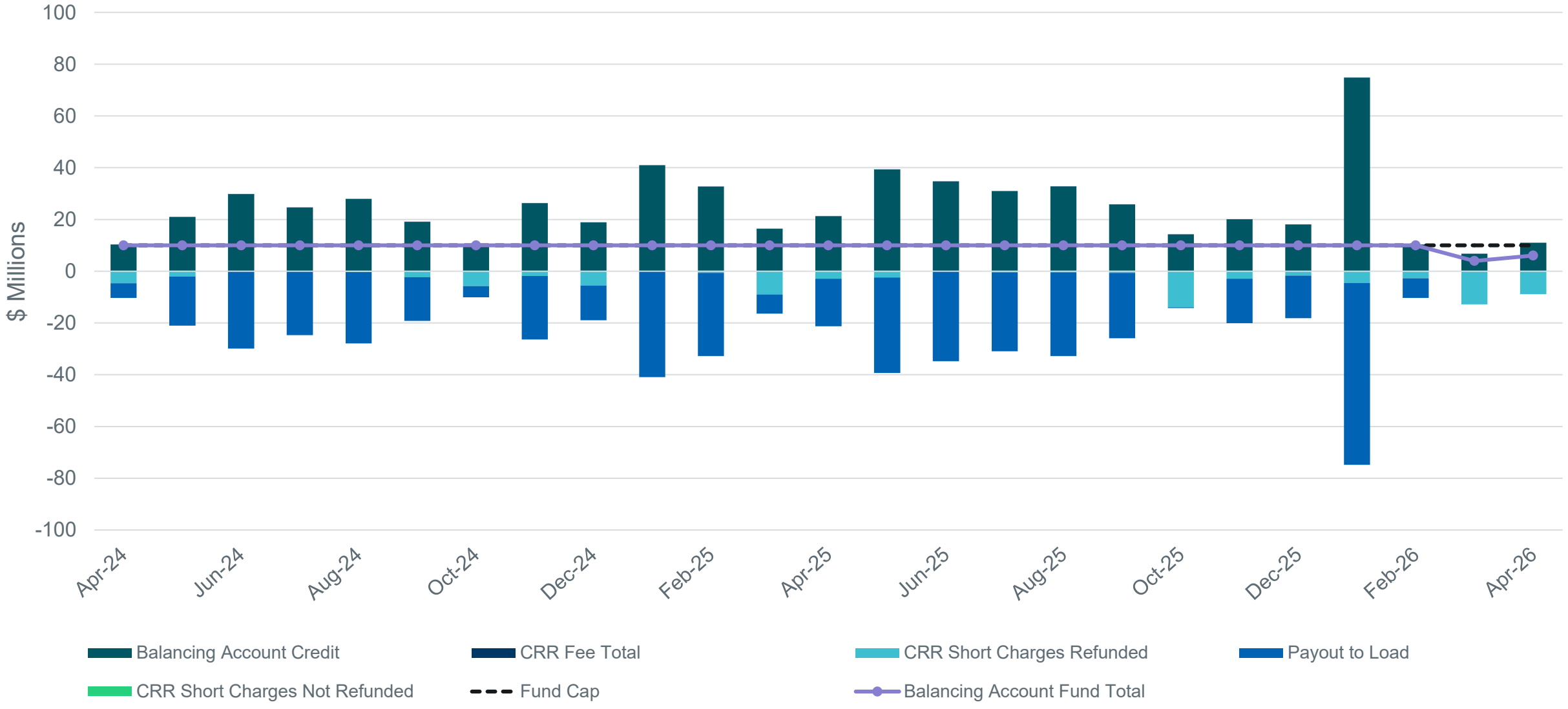
Congestion Revenue Rights settlement payments were fully funded, with excess amounts applied to the CRR Balancing Account fund. The fund balance is $6.05M.



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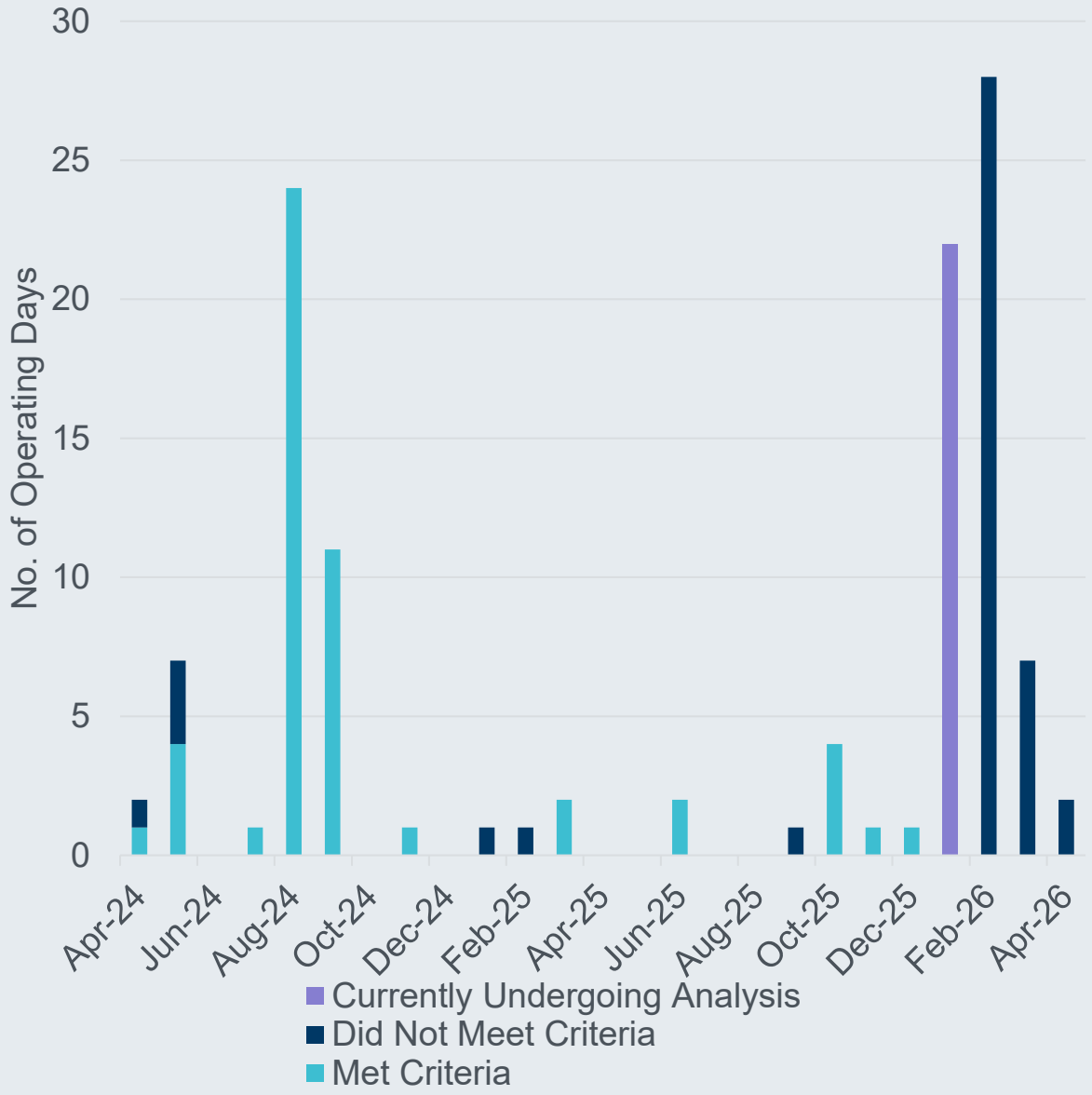
Price Issues and the Impact of Nodal Protocol Revision Request (NPRR) 1024 on Price Corrections

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; and
- Days that are currently undergoing analysis to determine if criteria for “significance” under NPRR1024 is met.



ERCOT identified 2 pricing incidents in April 2026, neither of which met the criteria for price correction

1) On Operating Day April 20, 2026, an optimization issue delayed the execution of Security-Constrained Economic Dispatch (SCED) for over 7 minutes. This delay triggered the Emergency Basepoint flag. The flag was active for approximately 1.5 minutes. We are working with our optimization vendor to identify the root cause and will continue to monitor for any related SCED delays. ERCOT's price impact analysis determined the event did not meet the criteria for price correction.

2) On Operating Day April 24, 2026, SCED incorrectly awarded Non-Spinning Reserve Service to a non-qualified Resource for two SCED intervals. The Market Management System incorrectly identified the Resource as qualified for Non-Spin due to a recent change to their Qualified Scheduling Entity. ERCOT will implement a fix for the qualification issue in an upcoming release. ERCOT's price impact analysis determined the event did not meet the criteria for price correction.

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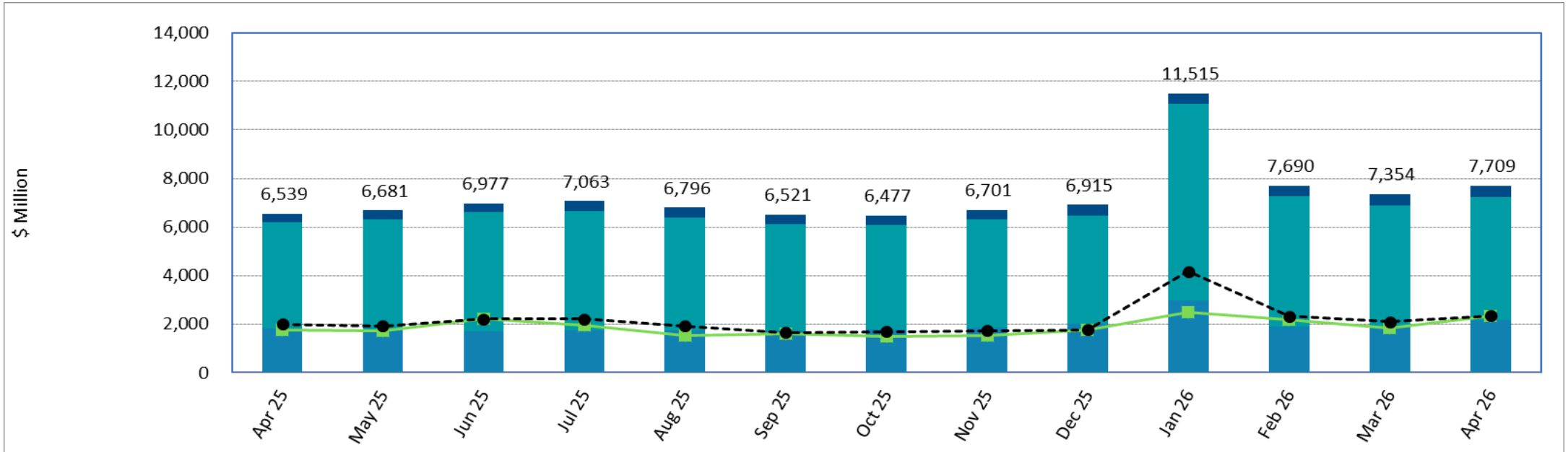
Available Credit by Type Compared to Total Potential Exposure (TPE)



	30-Apr-2025	31-May-2025	30-Jun-2025	31-Jul-2025	31-Aug-2025	30-Sep-2025	31-Oct-2025	30-Nov-2025	31-Dec-2025	31-Jan-2026	28-Feb-2026	31-Mar-2026	30-Apr-2026
Total Collateral	6,539	6,681	6,977	7,063	6,796	6,521	6,477	6,701	6,915	11,515	7,690	7,354	7,709
Surety Bonds	361	361	361	392	412	402	402	402	432	432	433	463	464
Letters of Credit	4,372	4,589	4,905	4,943	4,655	4,424	4,280	4,452	4,487	8,131	5,358	5,044	5,062
Cash	1,806	1,731	1,712	1,728	1,728	1,695	1,795	1,847	1,997	2,952	1,900	1,847	2,183
TPE	1,752	1,737	2,217	1,939	1,516	1,597	1,508	1,534	1,763	2,497	2,197	1,832	2,353
Max TPE	2,007	1,933	2,217	2,221	1,917	1,662	1,698	1,723	1,765	4,162	2,330	2,097	2,353

*Numbers are as of month end except for Max TPE

Retail Transaction Volumes – Summary – April 2026

	Year-To-Date		Transactions Received	
Transaction Type	April 2026	April 2025	April 2026	April 2025
Switches	422,769	495,230	95,816	115,540
Acquisitions	0	0	0	0
Move - Ins	918,545	935,346	235,680	238,444
Move - Outs	445,739	456,744	117,508	121,303
Continuous Service Agreements (CSA)	226,667	149,999	102,143	27,290
Mass Transitions	0	0	0	0
Total	2,013,720	2,037,319	551,147	502,577