



Item 14.1: 2026 Summer Weather and Operations Outlook

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Board of Directors Meeting

June 1-2, 2026

Purpose

Provide a preview of the upcoming summer season from an operational perspective

For information only

No action is requested; for discussion only.

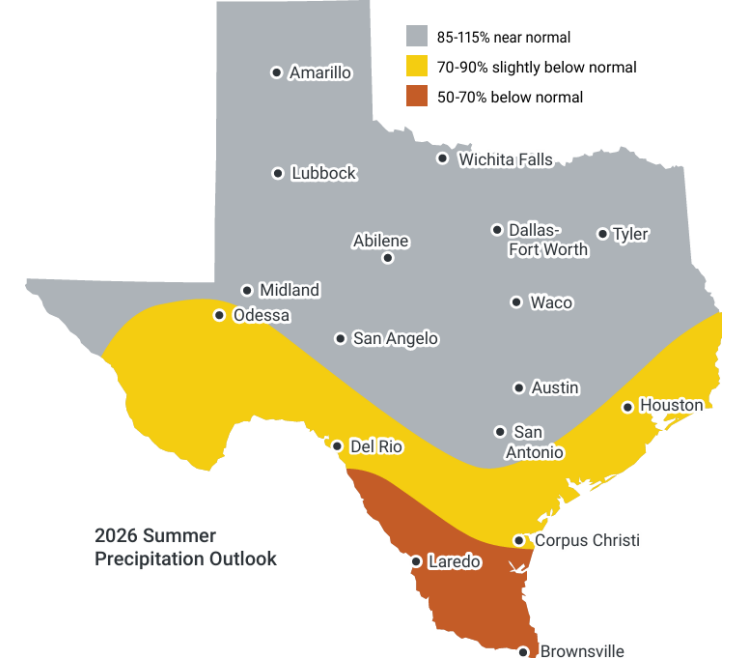
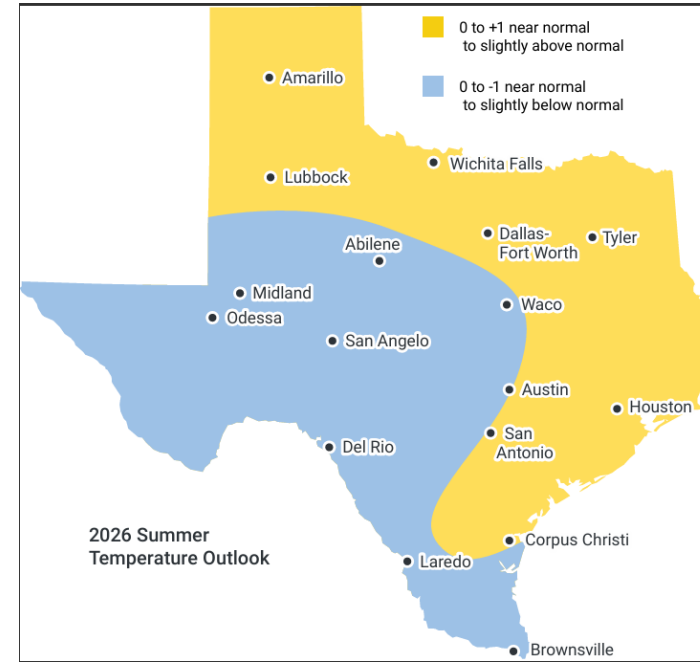
Key Takeaways

- ERCOT may surpass its current all-time summer peak.
- Some new transmission constraints have been identified and mitigation plans developed.
- ERCOT Operators will have additional situational awareness tools to help them quickly assess system conditions and make decisions to reliably operate the grid.
- ERCOT has sent an RFI to TSPs in the Far West Region to better understand the growth of existing loads in the region.

Summer 2026 Weather Outlook

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- The summer weather outlook calls for near normal temperatures and normal to below normal rainfall.
 - Note that a normal summer equates to the 12th hottest summer on record since 1895.
- The potential range of summer temperature outcomes includes summer 2023 (2nd hottest), summer 2025 (26th hottest), and summer 2012 (17th hottest) – with a lean toward an outcome similar to 2012.
- Summer 2023 cannot be discounted but would likely require this wet spring pattern to wind down in early-June.
- Drought may continue through the summer – at least regionally, potentially worsening.
- The 2026 Atlantic Basic hurricane season is forecasted to see below normal activity, with a below average chance of a Texas landfall.

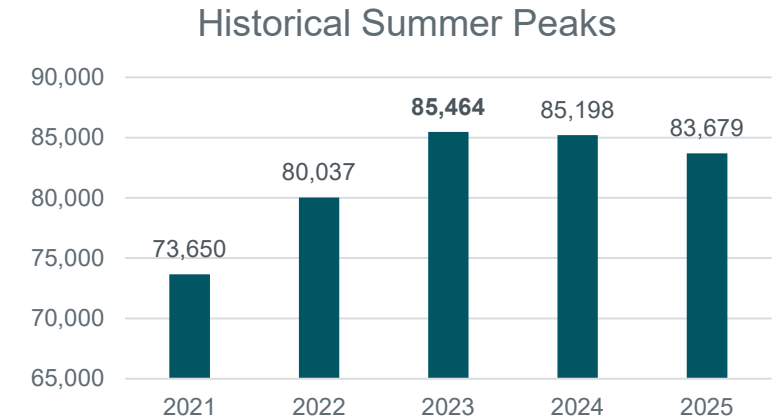


Key Takeaway: ERCOT is prepared for a hot summer with temperatures comparable to Summer 2023.

Summer 2026 Load Outlook

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- Summer 2025 Peak Load: 83,679 MW (a warm but non-extreme summer, which moderated peak demand)
- Added Loads
 - Crypto Load growth since Sept 2025 : 466 MW
 - Expected Large Load Growth May 2026 – Sept 2026: ~1725 MW
- Given expectations for a hotter summer than last year, our forecasted peak is **92,211 MW**, and current outlooks point to a strong potential for a new summer peak
 - Approximately **4,300 MW of 4CP load response was observed in 2025**, and this level of response would be added back to the base forecast.

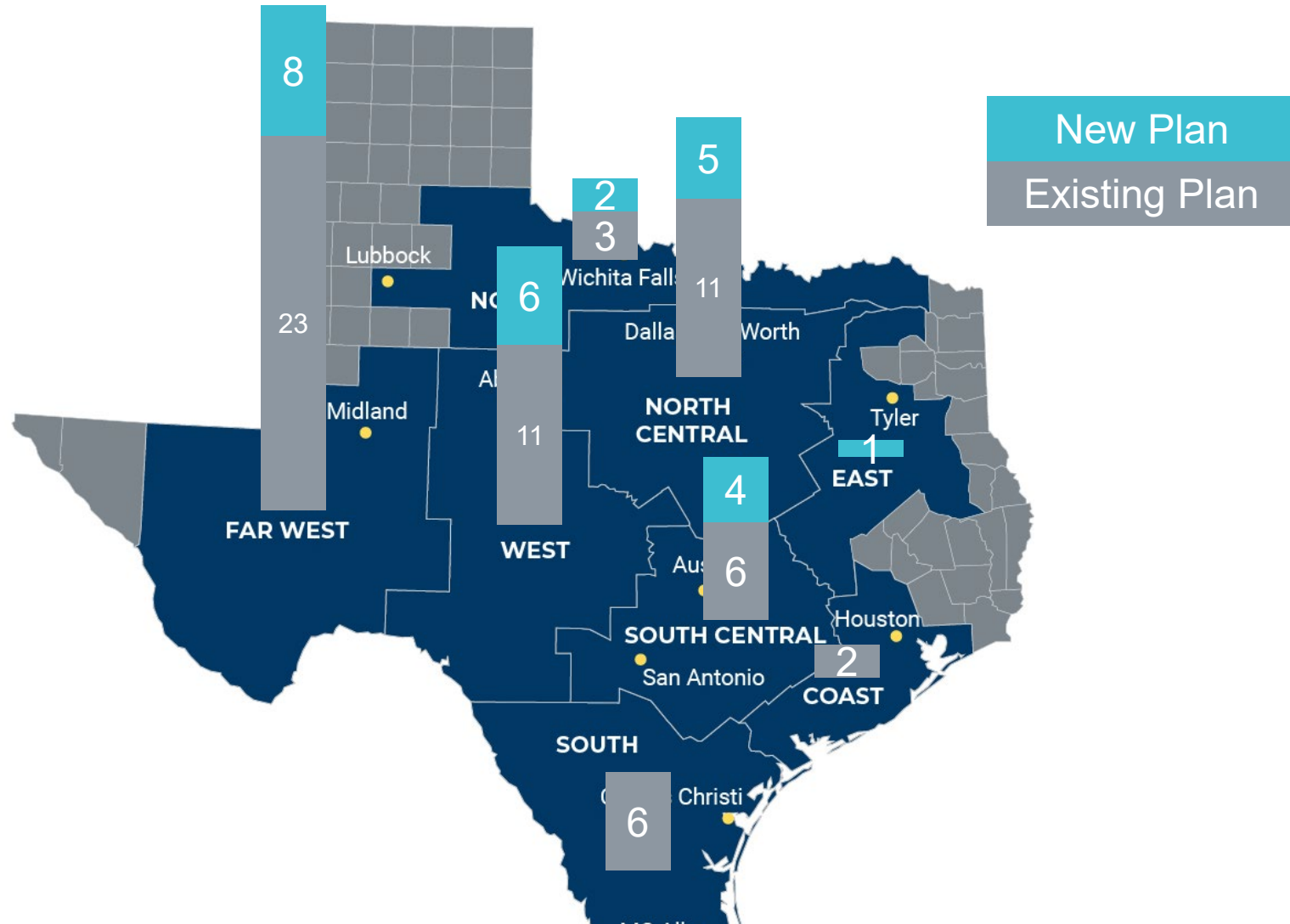


Key Takeaway: Given the potential for extreme heat combined with significant load growth, ERCOT may surpass its current all-time summer peak.

Summer 2026 Transmission Outlook

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- When transmission overloads are identified in seasonal studies, Congestion Management Plans (CMPs) are developed to prepare for potential contingencies.
- ERCOT is evaluating the creation of 26 new CMPs for Summer 2026 due to increasing demand throughout the state.
- Much of the growth potentially requiring CMP development is occurring in the Central and Western regions of Texas.
- This is preliminary information; actual outcomes may change based on the results of the on-going assessment.



Key Takeaway: ERCOT may add 26 new CMPs (42% increase) for Summer 2026 due to increasing demand in Far West, West, North Central and South Central Weather Zones. Most CMPs could require localized loadshed if a particular contingency occurs.

Summer 2026 Operational Changes

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ERCOT expects to have two operational tools in place by June 2026

1. Energy-aware Offline Non-Spin Trigger (OBDRR055)

- The updated trigger provides ERCOT operators additional enhancements to better recommend deployment of offline Non-spin to ensure capability to meet the 30-minute-out forecasted Load. Enhancements include preservation of AS plan, accounting for shortfall in AS plan, and state of charge energy awareness.
- OBDRR is up for approval with the PUC on 5/29/2026. Board recommended for approval on 04/21/2026.

2. Large Load Curtailment Manager (LLCM)

- ERCOT is developing a tool which provides ERCOT operators with advance warning that system conditions may require Large Load curtailment to avoid EEA as allowed under SB6;
- Phase 1 of this tool will be used for net metering arrangements. LLCM will monitor projected supply margins over a determined forward horizon, accounting for relief expected from previous actions. By incorporating load, renewable, and energy storage forecasts, LLCM gives operators actionable lead time to initiate curtailment before a shortage materializes. ERCOT will continue to make enhancements to LLCM going forward.
- ERCOT is nearing filing of a Large Load Curtailment NPRR that establishes the rule framework for supporting LLCM use for SB6 co-located loads and future use cases.

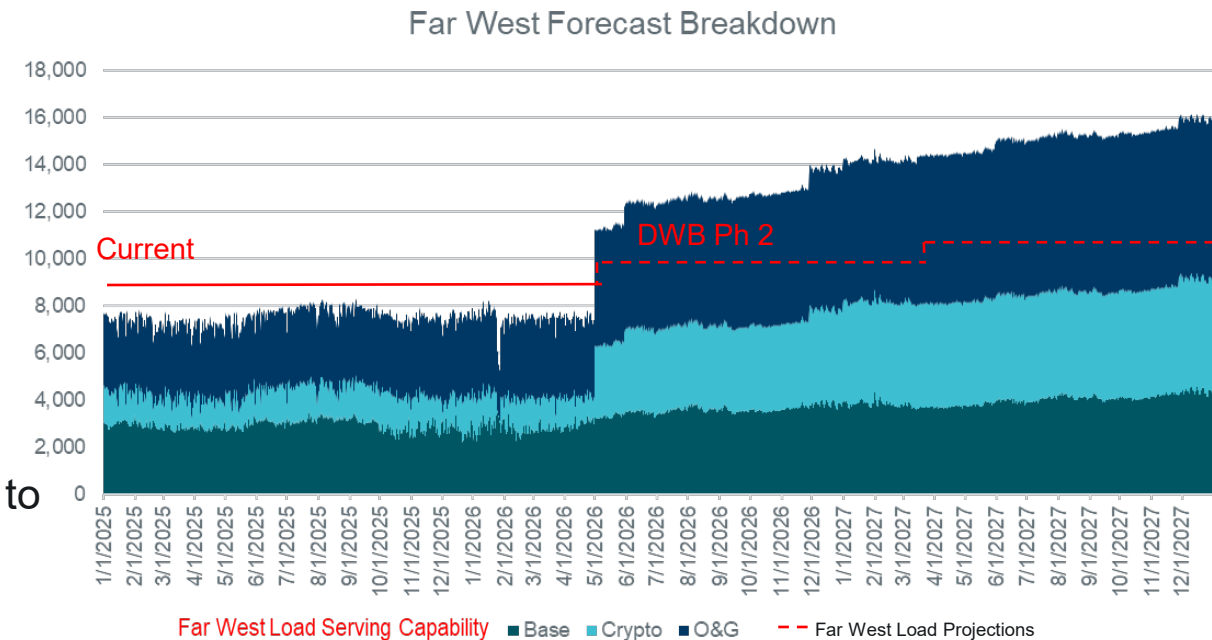
Key Takeaway: ERCOT Operators will have additional situational awareness tools to help them quickly assess system conditions and make decisions to reliably operate the grid.

Far West IROL Request For Information

Far West IROL Study: RFI Data Request

- ERCOT sent a Request for Information (RFI) to Transmission Service Providers (TSPs) in the Far West Region on April 27th.
- Goal: Support the Far West IROL study and gain a better understanding of new and growing loads in this region, and assess their impact
- ERCOT asks for responses for each load that falls into the following categories:
 - Planned to interconnect within 30 months
 - Interconnected in the last 12 months
 - Interconnected but not fully ramped
- For each load, ERCOT requested the following criteria:
 - Planned interconnection date
 - Load type (customer segment)
 - Maximum quarterly MW usage (day/night) from June 2026 to December 2028
 - Ramp projections

Key Takeaway: ERCOT has sent an RFI to TSPs in the Far West Region to better understand the new and growing loads in the region. A future presentation will summarize the findings.



*RFI submissions are due back by June 26th, and we plan to begin analysis after that date