

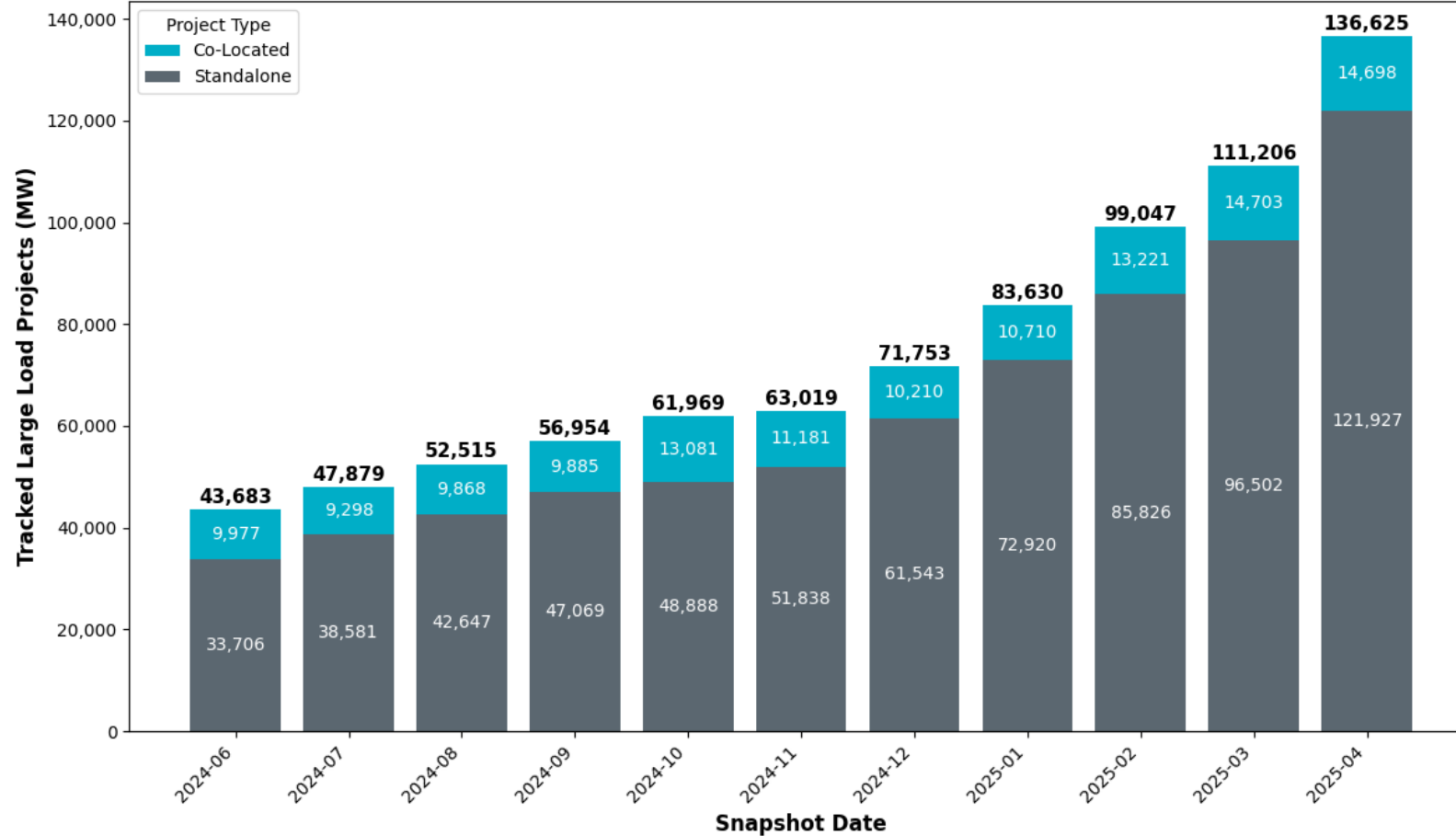


Large Load Interconnection Status Update

Large Load Integration Team

April 23, 2025

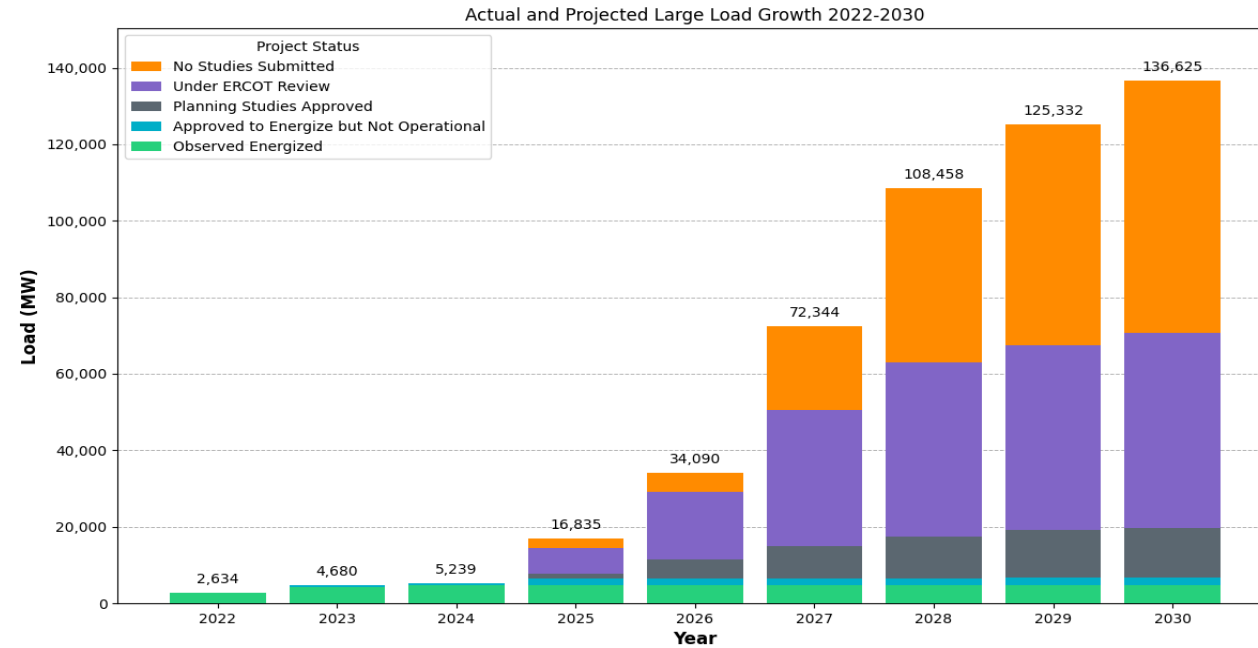
Large Load Queue – Past 12 Months



Changes since March Queue Update

- Combination of new standalone and co-located projects, as well as several project cancelations, resulted in a net increase of 25,419 MW in the large load queue.

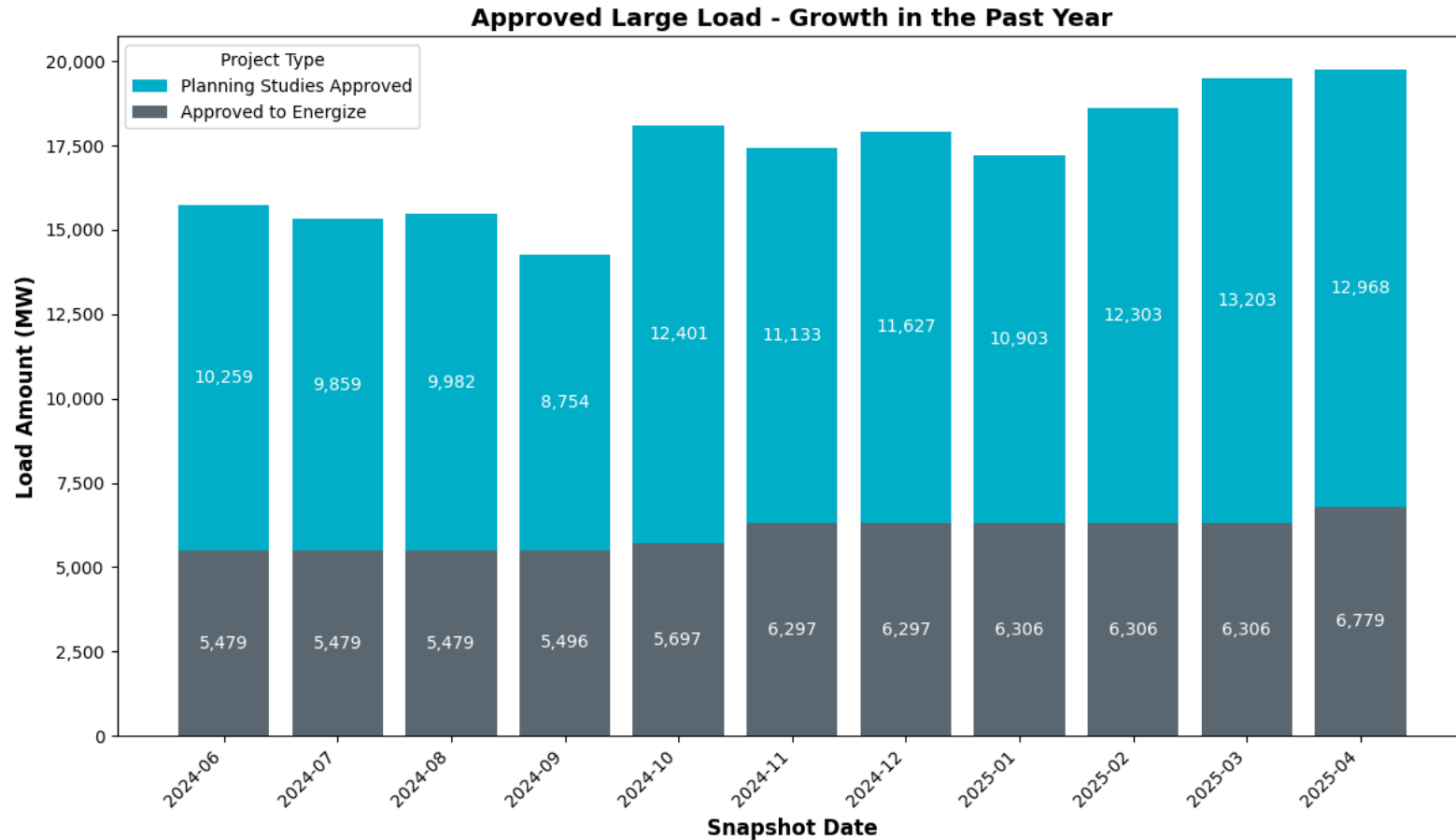
Current Large Load Interconnection Queue



Project Status	2022	2023	2024	2025	2026	2027	2028	2029	2030
No Studies Submitted	0	0	0	2,278	5,046	21,860	45,543	57,773	66,032
Under ERCOT Review	0	0	0	6,864	17,484	35,599	45,438	48,331	50,846
Planning Studies Approved	0	0	0	1,304	5,081	8,406	10,999	12,449	12,968
Approved to Energize but Not Operational	0	569	623	1,773	1,863	1,863	1,863	2,163	2,163
Observed Energized	2,634	4,111	4,616	4,616	4,616	4,616	4,616	4,616	4,616
Total (MW)	2,634	4,680	5,239	16,835	34,090	72,344	108,459	125,332	136,625

- **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 MWs 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, MWs that were not approved by ERCOT after review of planning studies are included in this category until a path to interconnect these MWs is identified, or the customer cancels the interconnection request.

ERCOT Approvals – Past 12 Months

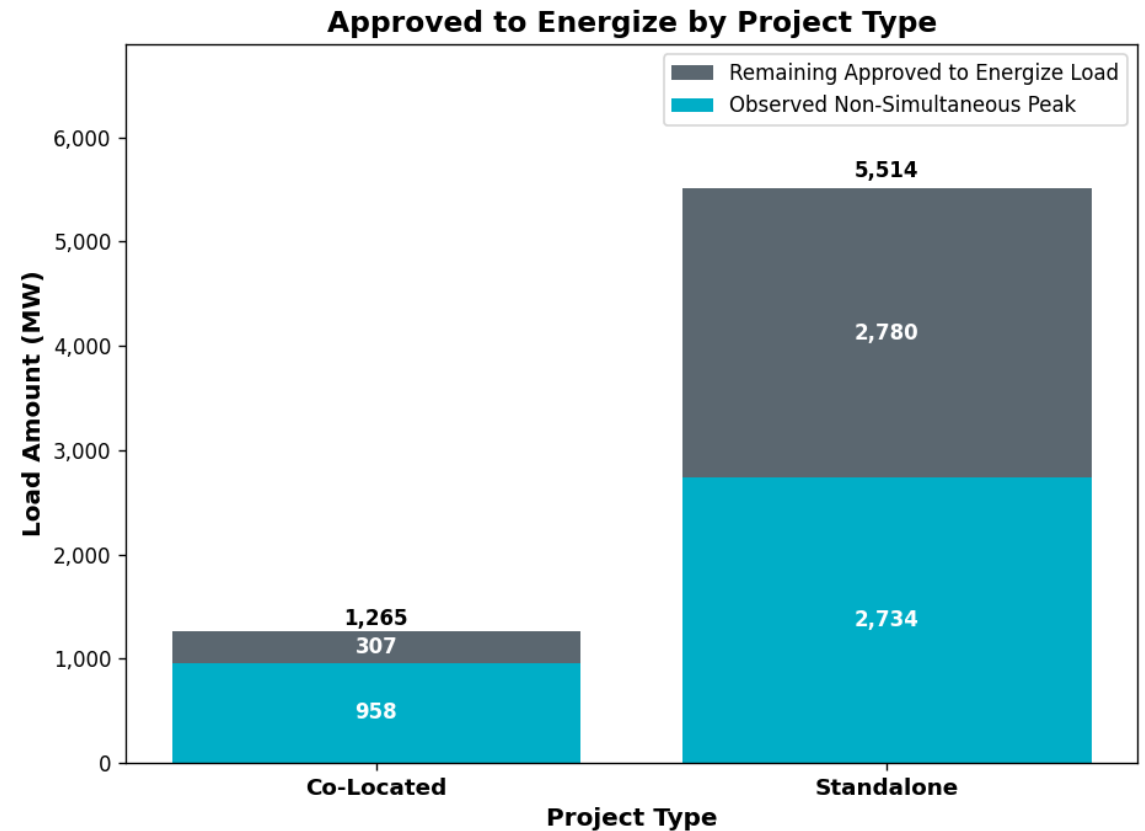
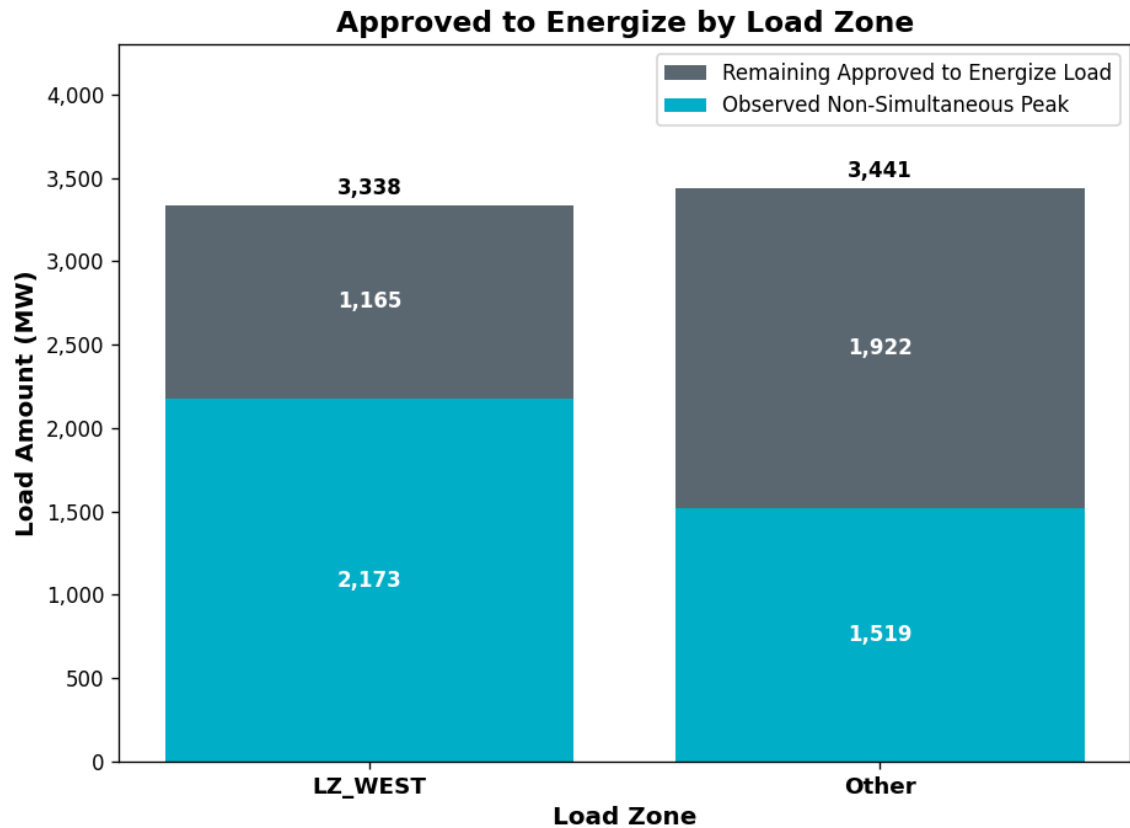


ERCOT Approvals Since March 2025 (Observations)

- Total load with planning studies approved have increased slightly in April 2025 with approved to energize load increasing in April by 473 MW. The past year has seen 1,300 MW of load approved to energize.

Loads Approved to Energize – By Zone & Project Type

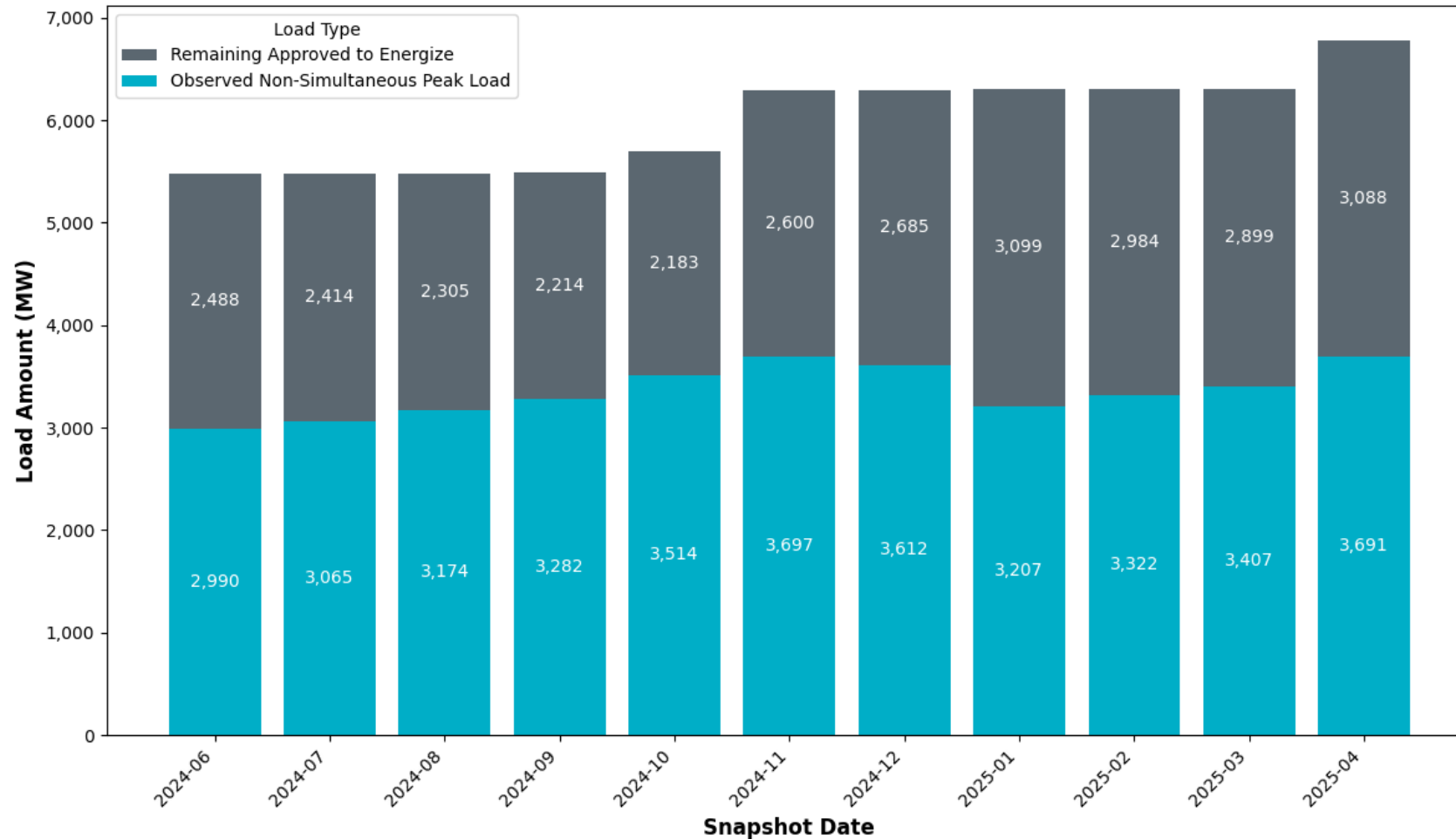
- Of the total 6,779 MW Approved to Energize,
 - 3,338 MW resides in LZ_WEST and 3,441 MW resides in the other load zones.
 - 5,514 MW consists of standalone projects and 1,265 MW consist of co-located projects.



*Other Includes LZ_NORTH, LZ_SOUTH, and LZ_HOUSTON

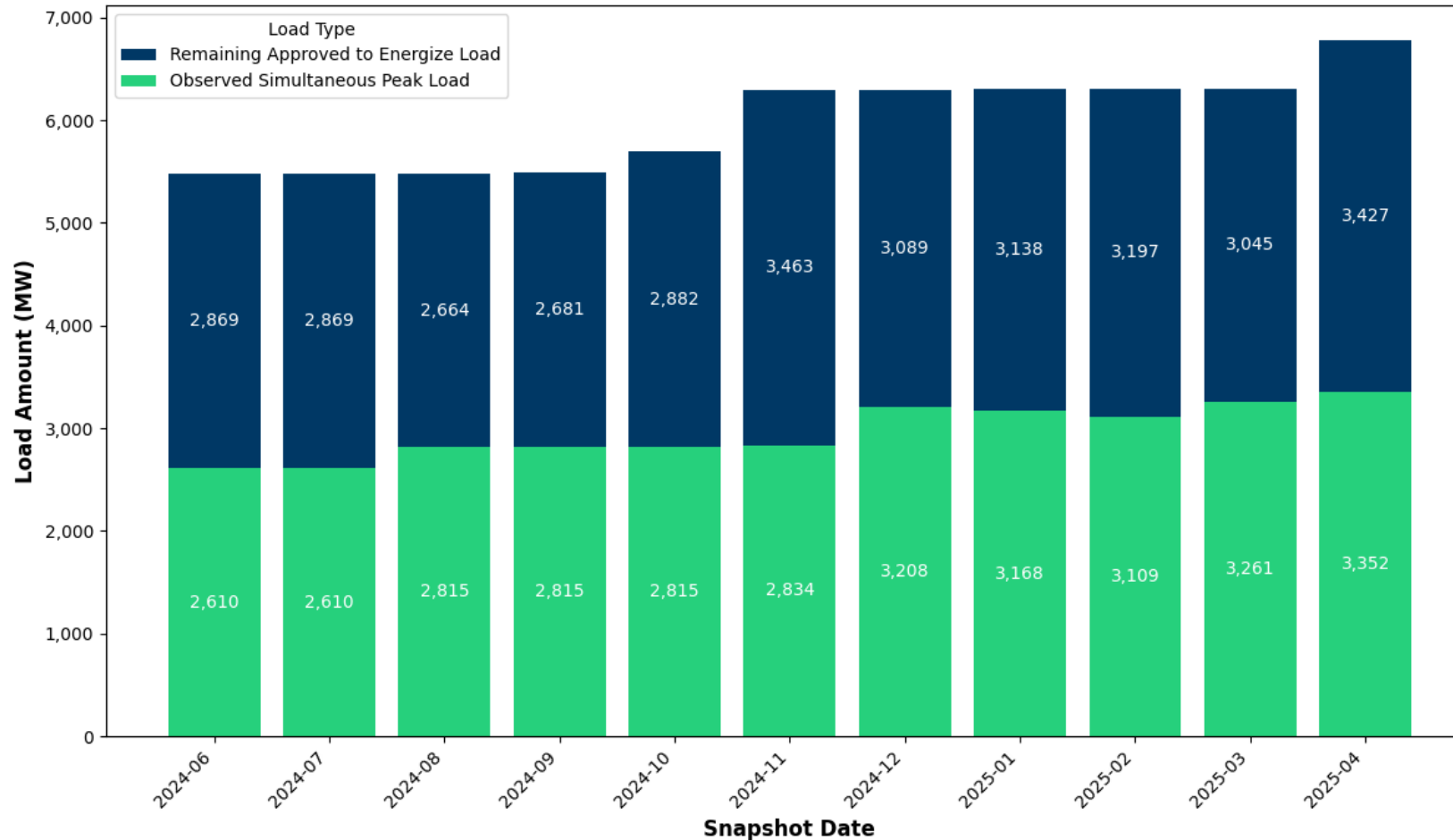
Loads Approved to Energize – Observations

- Of the 6,779 MW that have received Approval to Energize, ERCOT has observed a **non-simultaneous** monthly peak consumption of 3,691 MW in April 2025 which is a slight increase since March 2025.
 - This is calculated as the sum of the maximum value for each individual load per month

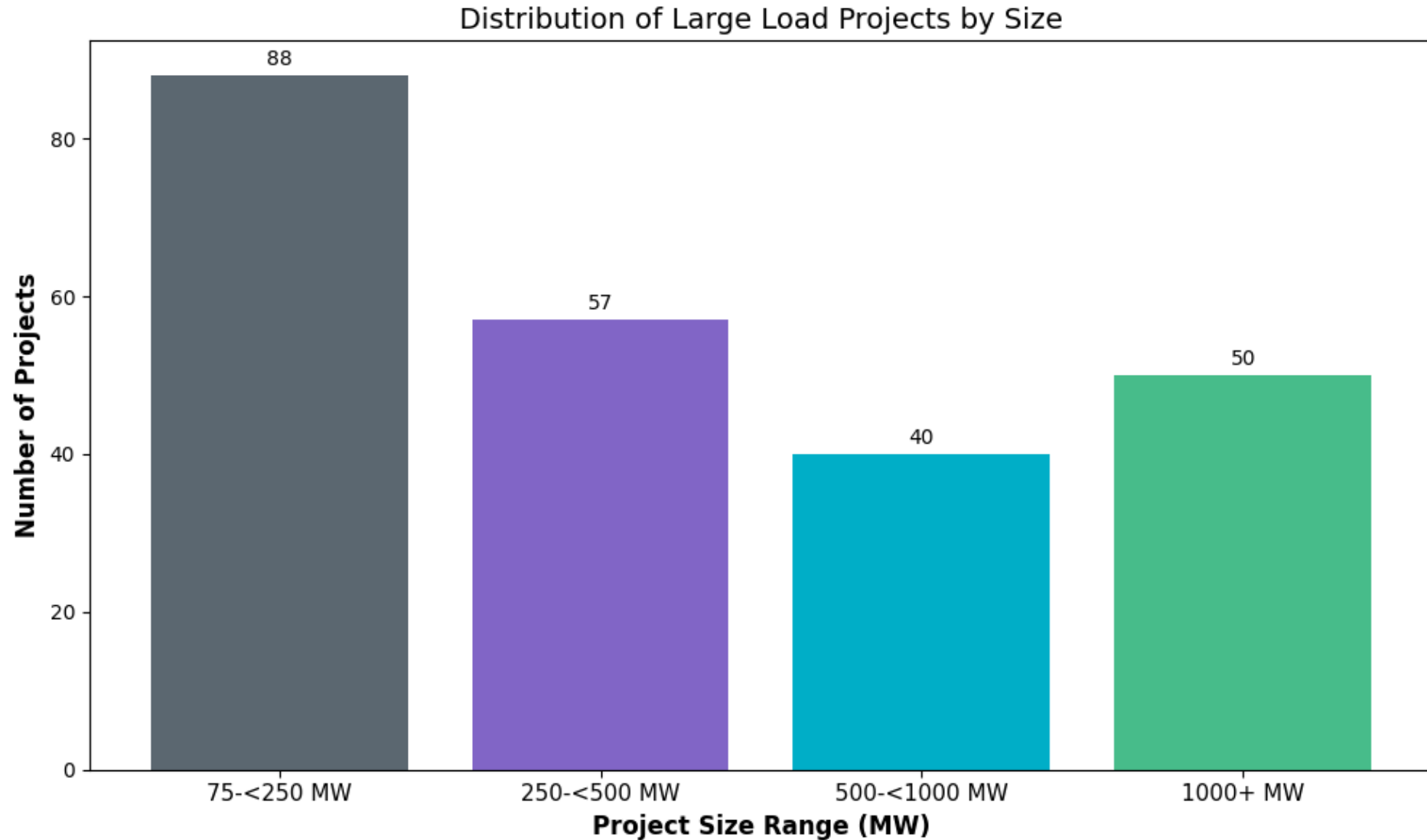


Loads Approved to Energize – Observations

- ERCOT has observed a **simultaneous** monthly peak consumption of 3,352 MW in April 2025 which is a slight increase since March 2025.
 - This is the maximum value of the sum of all the individual loads per month



Large Load Project Distribution



Questions?

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