

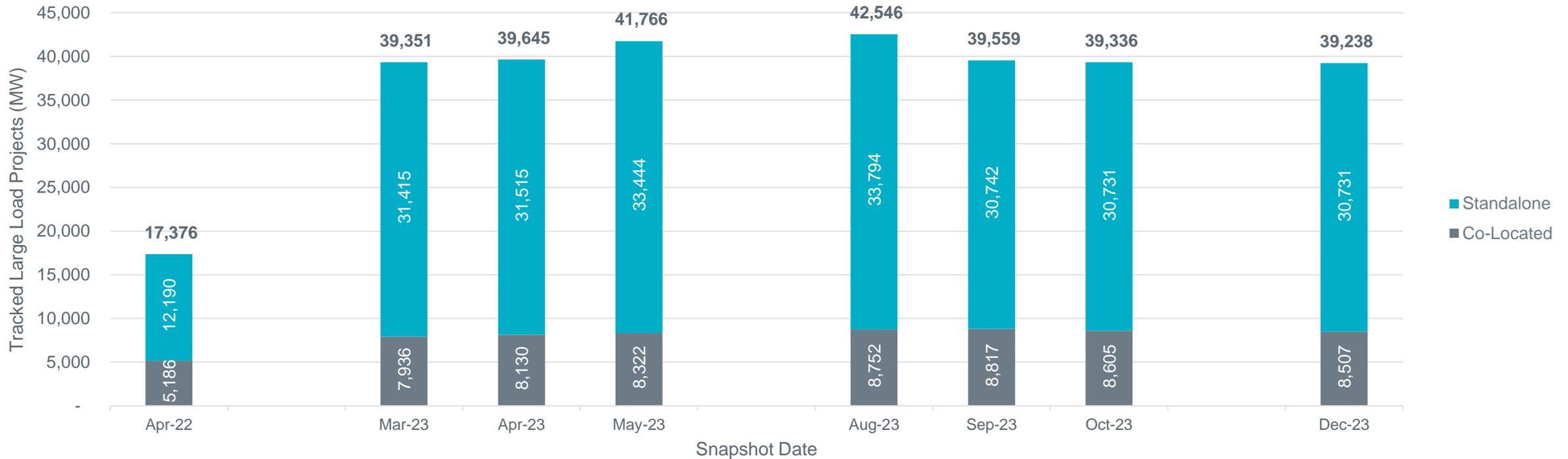


## Large Load Interconnection Status

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Large Load Interconnection

December 11, 2023

# Large Load Queue – Past 10 Months

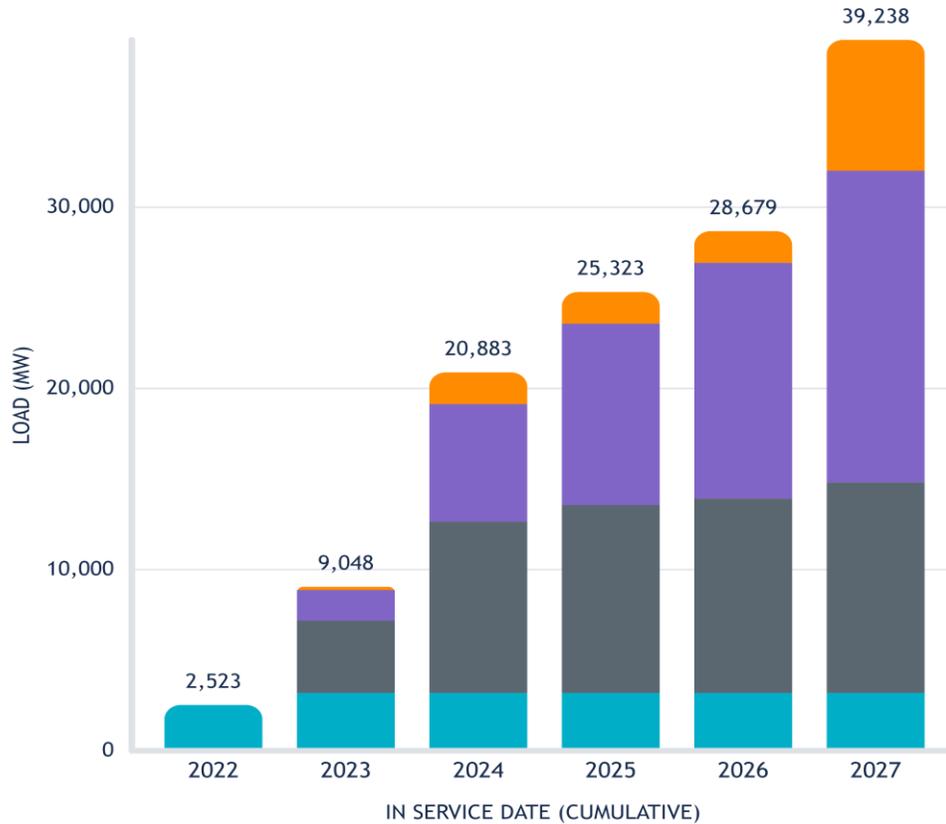


## Changes since October LFLTF Meeting

- ERCOT has removed some projects from the queue after conversations with TSPs identified projects that had been cancelled.

# Current Large Load Interconnection Queue

Actual and Projected LFL Growth 2022-2027



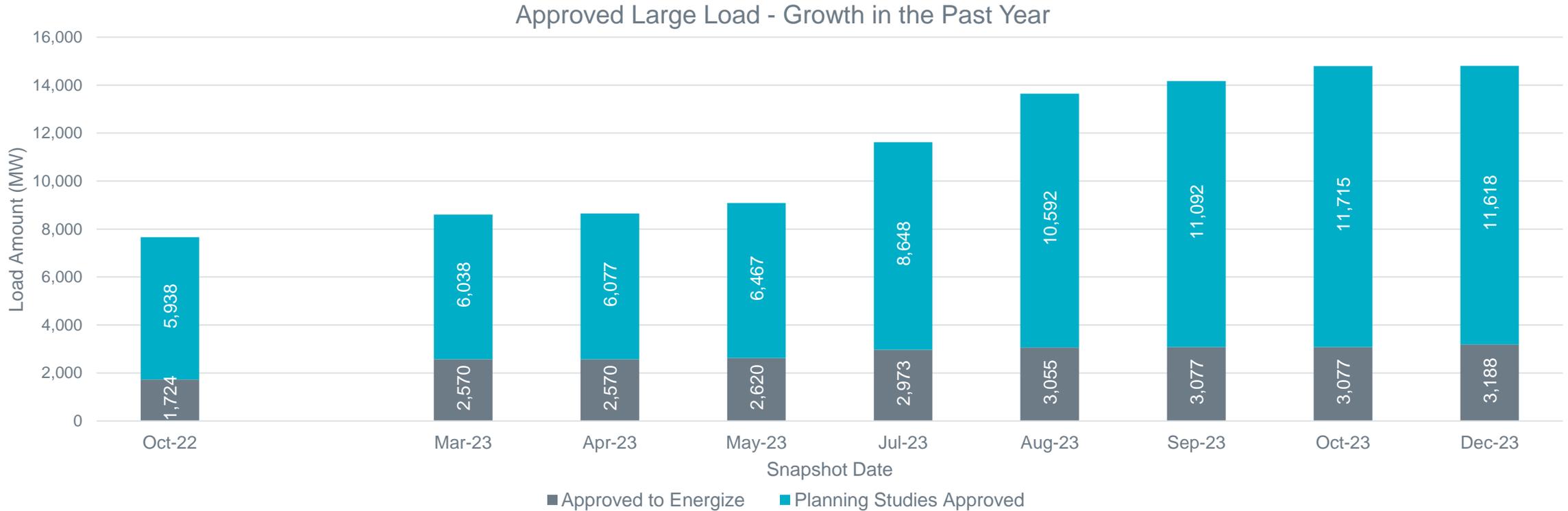
Project Status	2022	2023	2024	2025	2026	2027
No Studies Submitted	-	180	1,750	1,750	1,750	7,219.5
Under ERCOT Review	-	1,695	6,499	10,013	13,013	17,213
Planning Studies Approved	-	3,985	9,446	10,372	10,728	11,617.5
Approved to Energize	2,523	3,188	3,188	3,188	3,188	3,188
<b>Total (MW)</b>	<b>2,523</b>	<b>9,048</b>	<b>20,883</b>	<b>25,323</b>	<b>28,679</b>	<b>39,238</b>

**NOTE:** In July 2023, ERCOT identified a database error that had caused some projects to be misclassified in this chart. This error was corrected, resulting in a higher 2022 total of approved load than was previously reported. The overall size of the queue was not impacted by this error.

- **Approved to Energize** – Projects that have received Approval to Energize from ERCOT Operations. NOTE: not all MWs in this category have been observed to be operational (see next slide)
- **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 10 Months

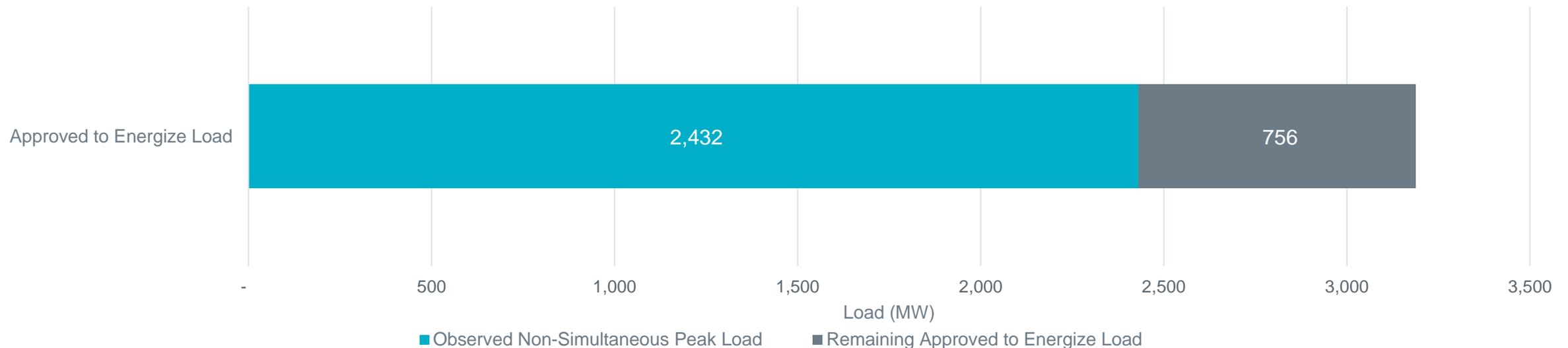


## ERCOT Approvals Since March 2023 (Observations)

- Projects with approved planning studies far outpace projects approved to energize.
- In the past 10 months only **618 MW** have requested approval to energize while an additional **5,580 MW** have had their planning studies approved in that time.

# Loads Approved to Energize – Observations

- Of the 3,188 MW that have received Approval to Energize, ERCOT has observed a **non-simultaneous** peak consumption of 2,432 MW
  - This is calculated as the sum of the maximum value for each individual load regardless of when that maximum occurred
  - This value represents how much approved load ERCOT believes is now operational



# Loads Approved to Energize – Observations

- ERCOT has observed a **simultaneous** peak consumption of 2,265 MW
  - This is the maximum value of the sum of all the individual loads
  - This value is the maximum amount of large load that ERCOT has had to serve at a single point in time

