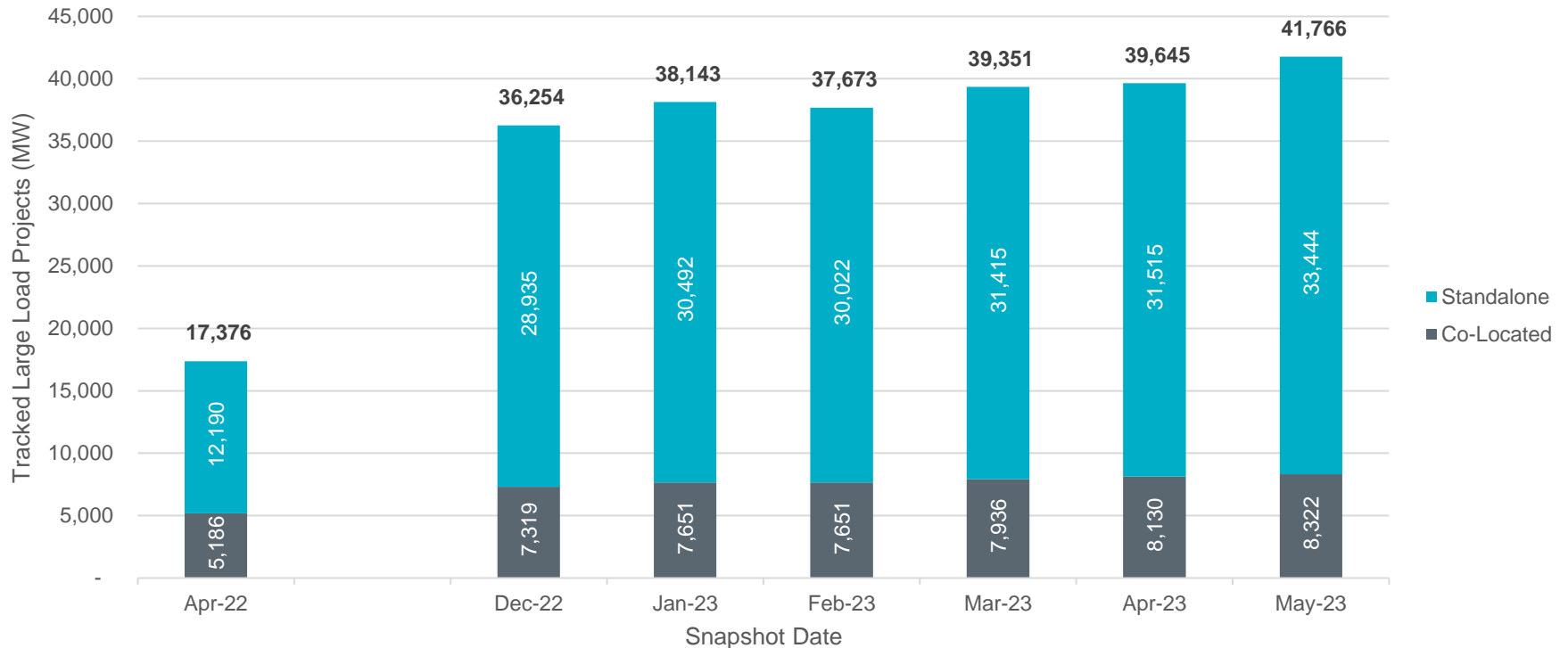**Large Load Interconnection Status**

Agee Springer
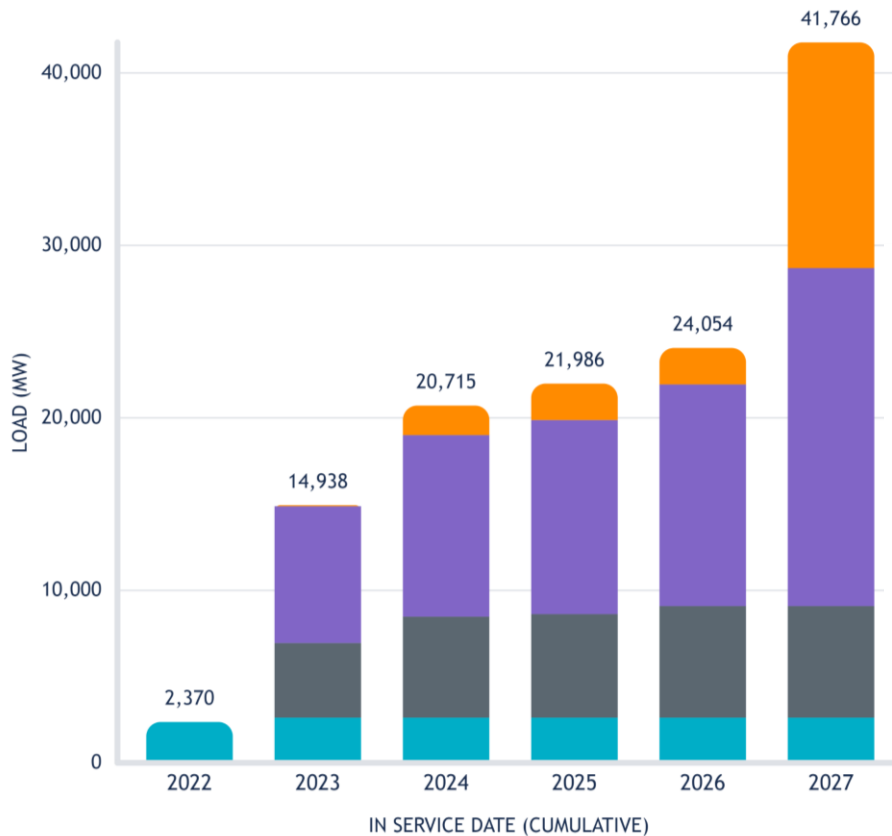Large Load Interconnection Manager

May 31, 2023

Large Load Queue – Past 6 Months

Changes since April LFLTF Meeting

- Approx 2000 MW of new interconnect requests received
- Some projects have moved forward in the interconnect process

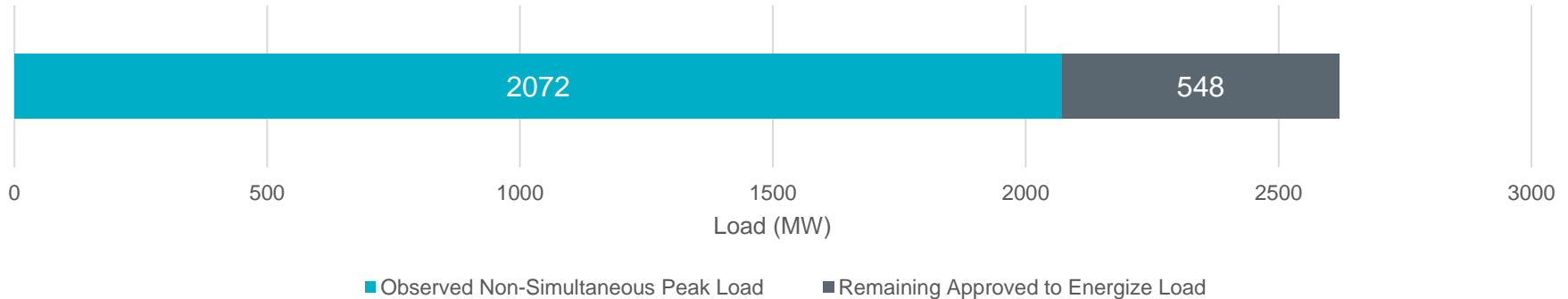# Current LLI Interconnection Queue

Project Status	2022	2023	2024	2025	2026	2027
No Studies Submitted	-	62	1,715	2,115	2,115	13,082
Under ERCOT Review	-	7,932	10,527	11,252	12,852	19,597
Planning Studies Approved	-	4,324	5,853	5,999	6,467	6,467
Approved to Energize	2,370	2,620	2,620	2,620	2,620	2,620
Total (MW)	2,370	14,938	20,715	21,986	24,054	41,766

- **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.
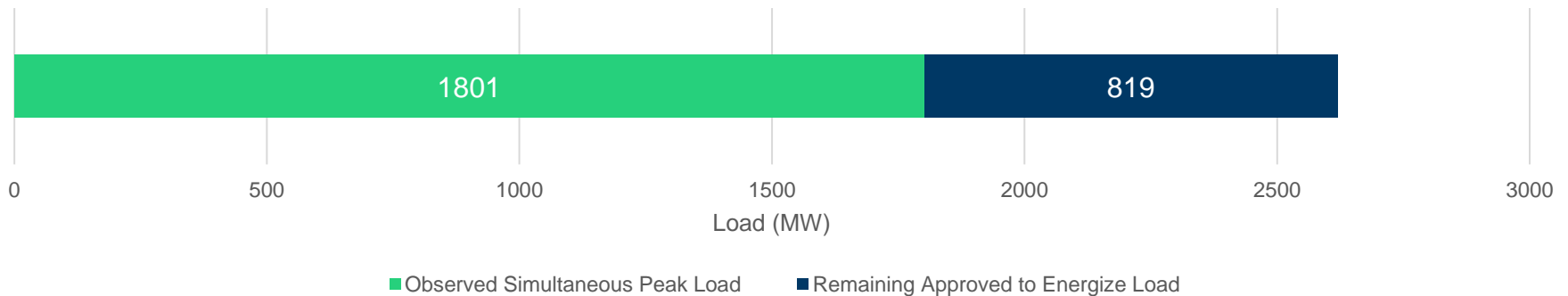
Loads Approved to Energize - Observations

- Of the 2,620 MW that have received Approval to Energize, ERCOT has observed a **non-simultaneous** peak consumption of 2,072 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 is now operational

Loads Approved to Energize - Observations

- ERCOT has observed a **simultaneous** peak load of 1,801 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

🟩 Observed Simultaneous Peak Load	🟦 Remaining Approved to Energize Load

Upcoming – Review of LFL Queue

- ERCOT has been tracking a number of projects in the queue that have not moved forward in several months

- ERCOT will be reaching out to TSPs to determine the status of these interconnection requests and whether they should remain in the queue

- Goal is to ensure numbers presented to the LFLTF are as accurate as possible