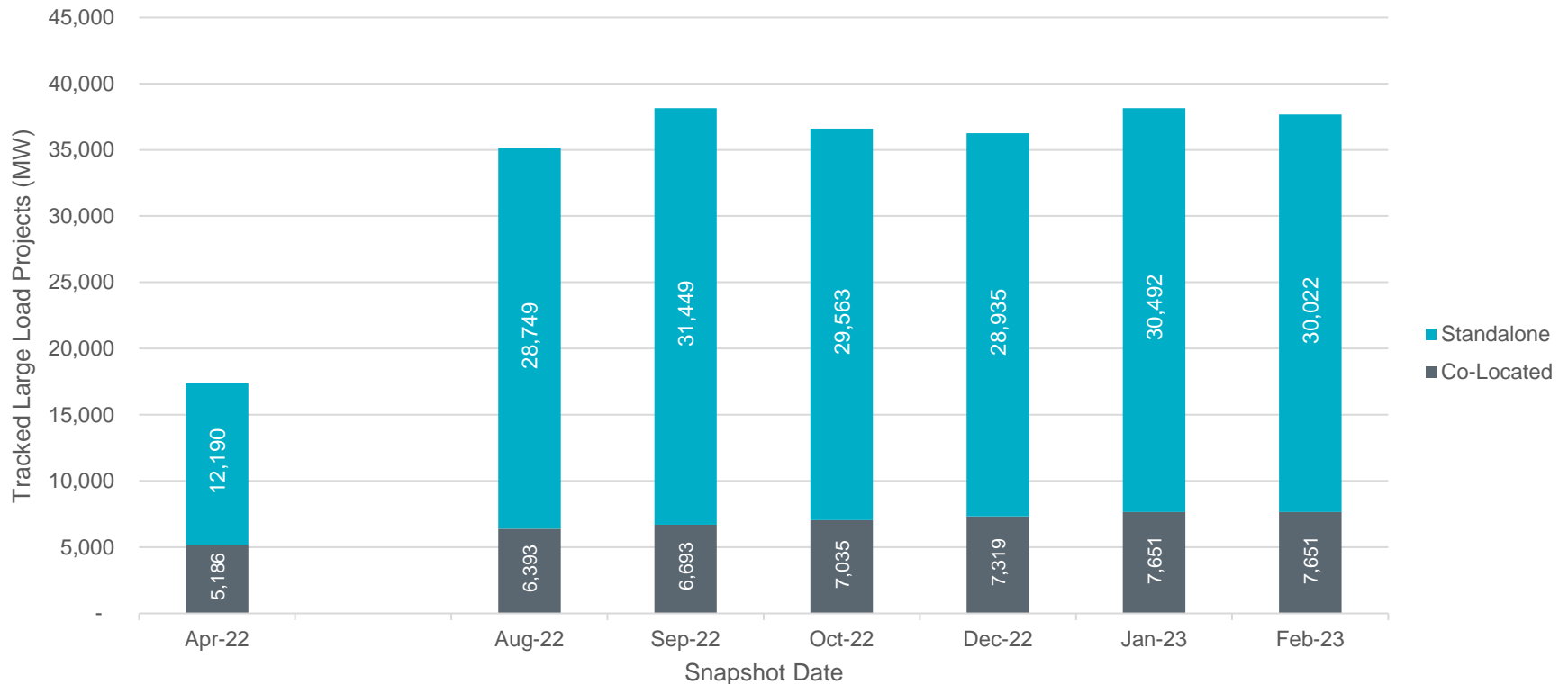




Large Load Interconnection Status

February 17, 2023

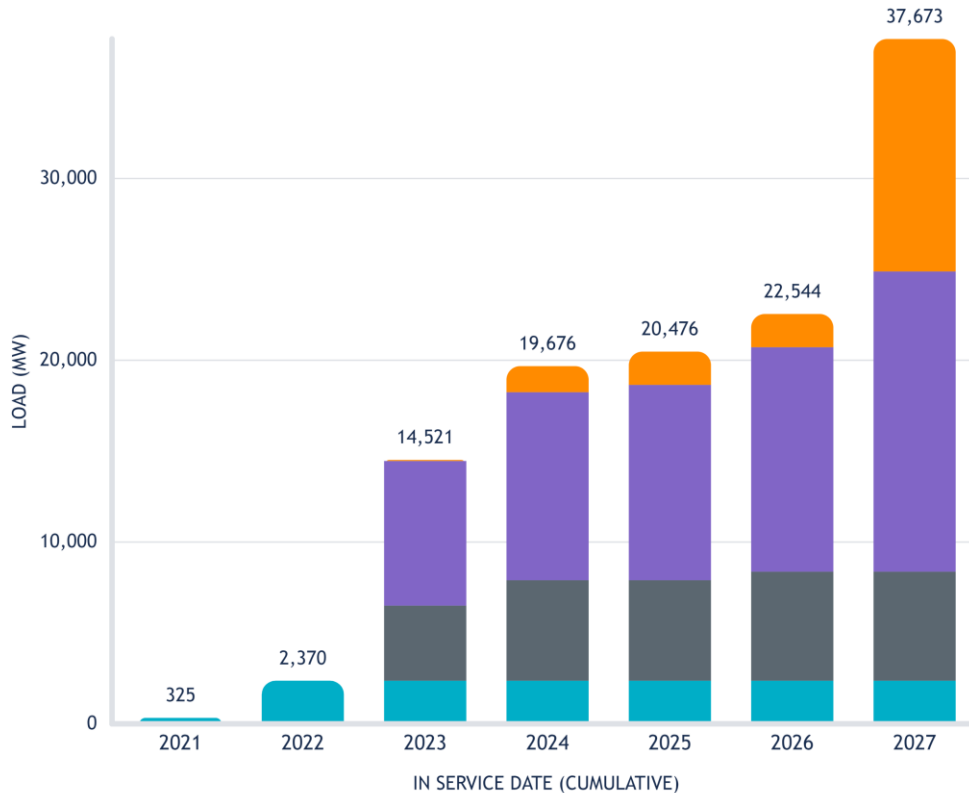
Large Load Queue – Past 6 Months



Changes since January LFLTF Meeting

- One project cancelled
- Several new interconnection requests received
- Another duplicate removed

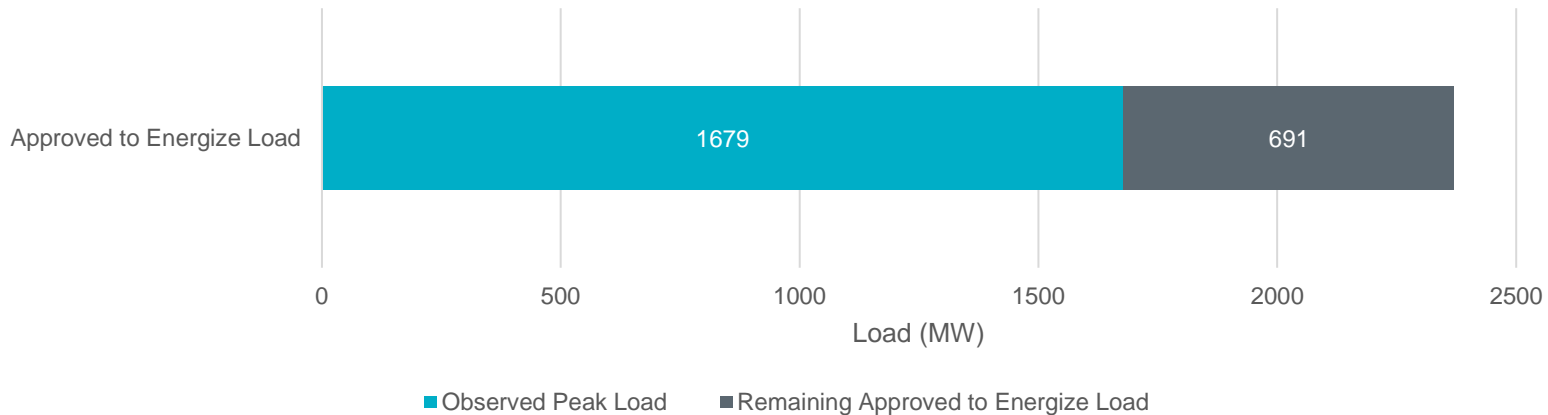
Current LLI Interconnection Queue



Project Status	2021	2022	2023	2024	2025	2026	2027
Planned	-	-	62	1,432	1,832	1,832	12,791
In Study	-	-	7,961	10,346	10,746	12,346	16,516
Met Planning	-	-	4,128	5,528	5,528	5,996	5,996
Approved to Energize	325	2,370	2,370	2,370	2,370	2,370	2,370
Total (MW)	325	2,370	14,521	19,676	20,476	22,544	37,673

- **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)
- **Met Planning** – Projects that have received ERCOT approval of required interconnection studies. Any MWs that were not approved are reclassified as Planned.
- **In Study** – Projects that have studies under review by ERCOT
- **Planned** – Projects that are tracked by ERCOT but that have not yet provided sufficient information to begin review as well as project MWs that were limited in an earlier planning study

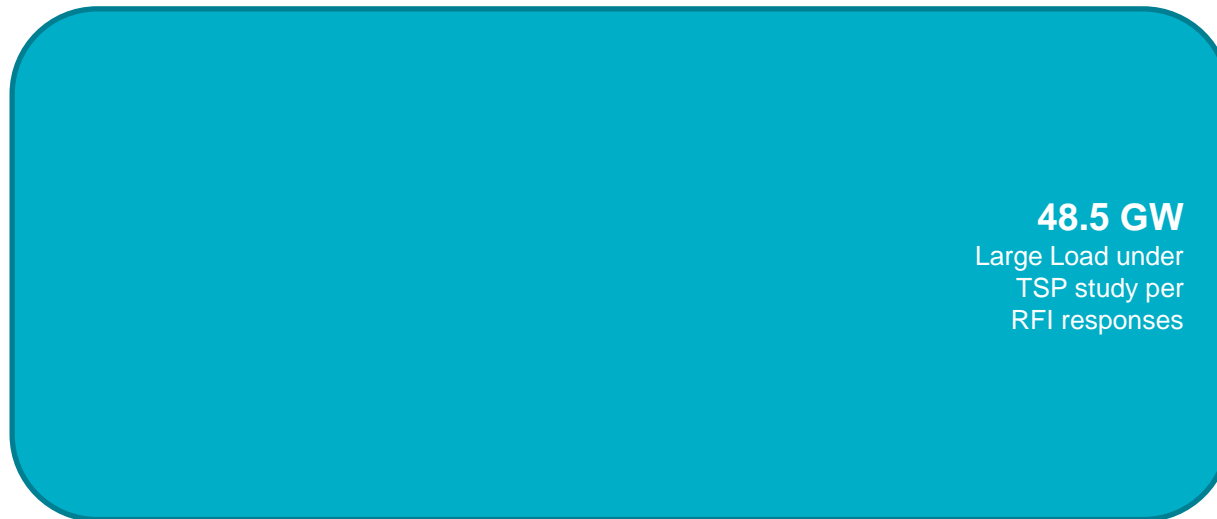
Loads Approved to Energize - Observations



- Of the 2,370 MW that have received Approval to Energize, ERCOT has observed a non-coincident peak consumption of 1679 MW
- Changes since January
 - Some Large Loads have increased peak consumption
 - Bad telemetry values continue to be identified and corrected

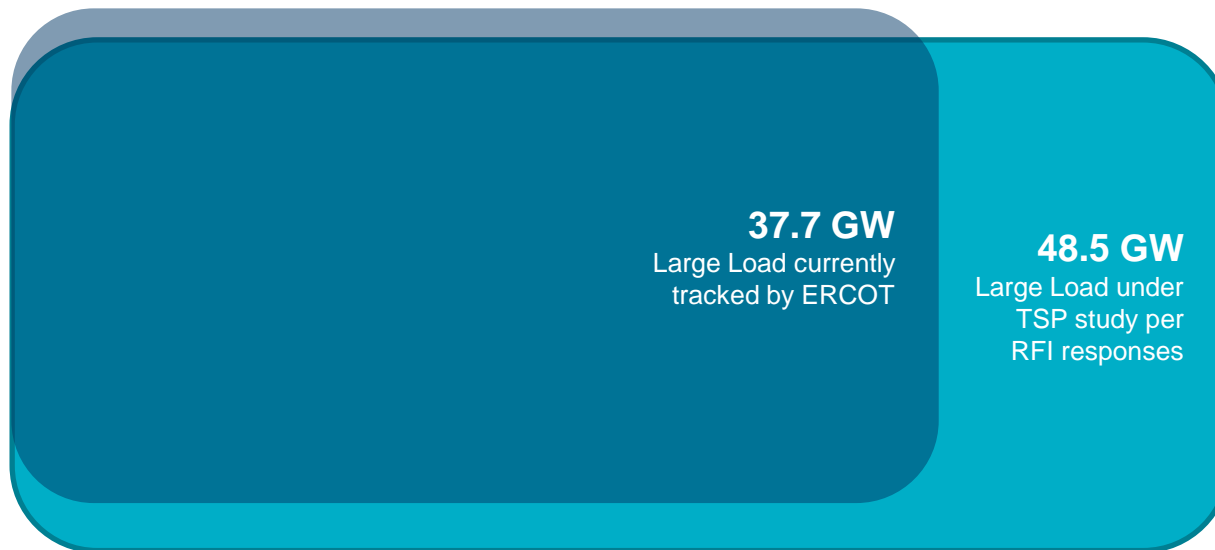
RFI Update

- ERCOT continues to analyze the RFI responses received in December
- The RFI reported 48.5 GW of Large Load (75 MW or greater) currently under study by TSPs



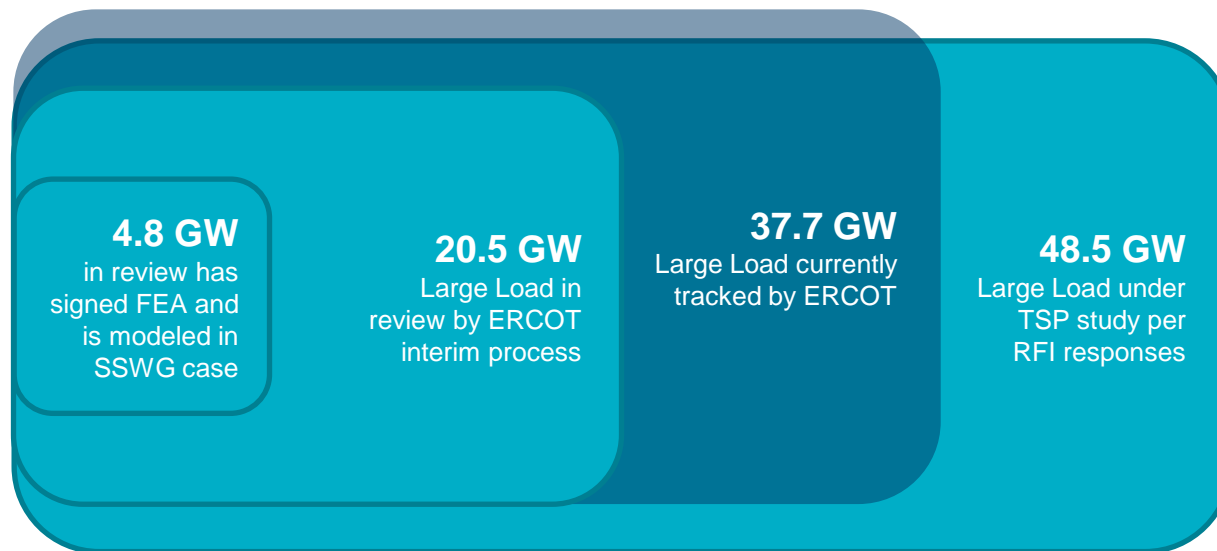
RFI Update

- There is a large amount of overlap between the 37.7 GW ERCOT tracks and the loads reported in the RFI
- A small number of loads tracked by ERCOT were not reported in the RFI – possibly canceled
- Not all loads reported in the RFI will end up in the ERCOT interim process (e.g. loads with a < 2 year interconnection timeline)



RFI Update

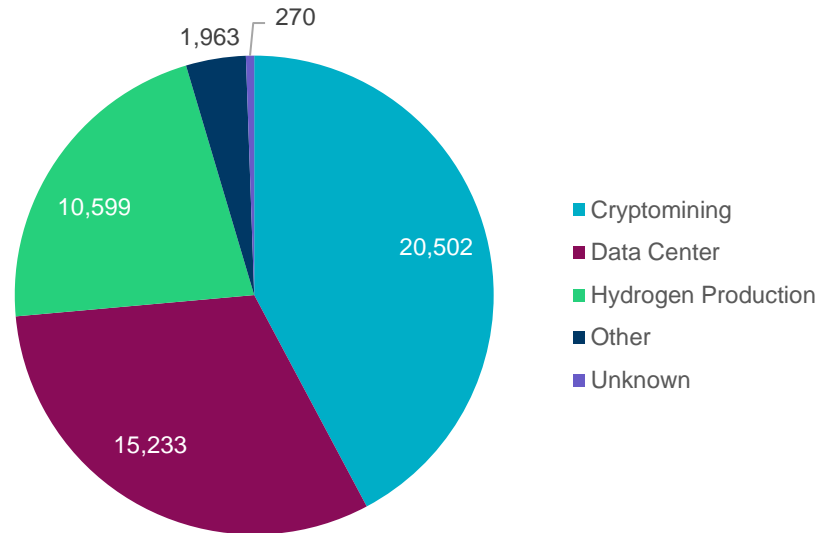
- Of the 48.5 GW reported
 - 20.5 GW have submitted studies to ERCOT for review
 - 4.8 GW have signed a FEA with the TSP and been modeled in future cases



RFI Update

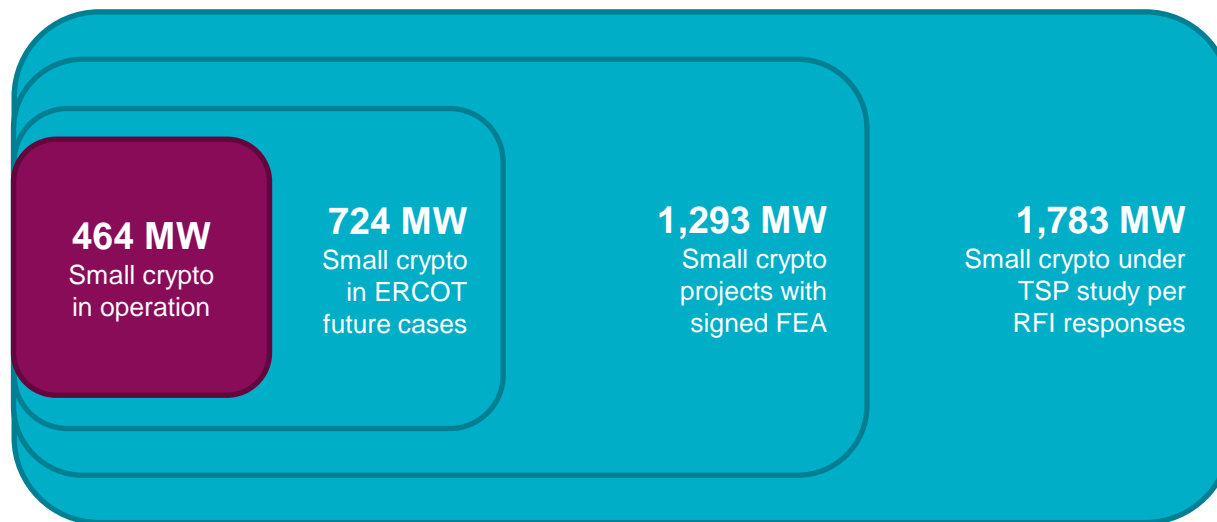
- Of the 48.5 GW reported
 - 35.7 GW is cryptomining or data center load
 - Another 10.6 GW is hydrogen production

Large Load Under Study by Load Type



RFI Update

- The RFI identified 464 MW of small (<75 MW) cryptomining loads currently in operation
- This has the potential to grow to ~1.3 GW based on projects with signed FEAs



RFI – Next Steps

- ERCOT has matched projected that appear in the interim queue and in the RFI and is updating our data
- ERCOT will be following up with TSPs about projects that may be cancelled
- Additional analysis is ongoing