



Item 12: ERCOT Large Load Batch Study Update

Batch Study February 3 Workshop Summary

Jeff Billo

Vice President, Interconnection and Grid Analysis

Board of Directors Meeting

February 10, 2026

Purpose

To provide an overview of ERCOT's transition to a Large Load Interconnection Batch Study.

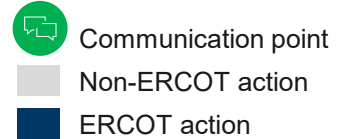
For information only

No action is requested; for discussion only.

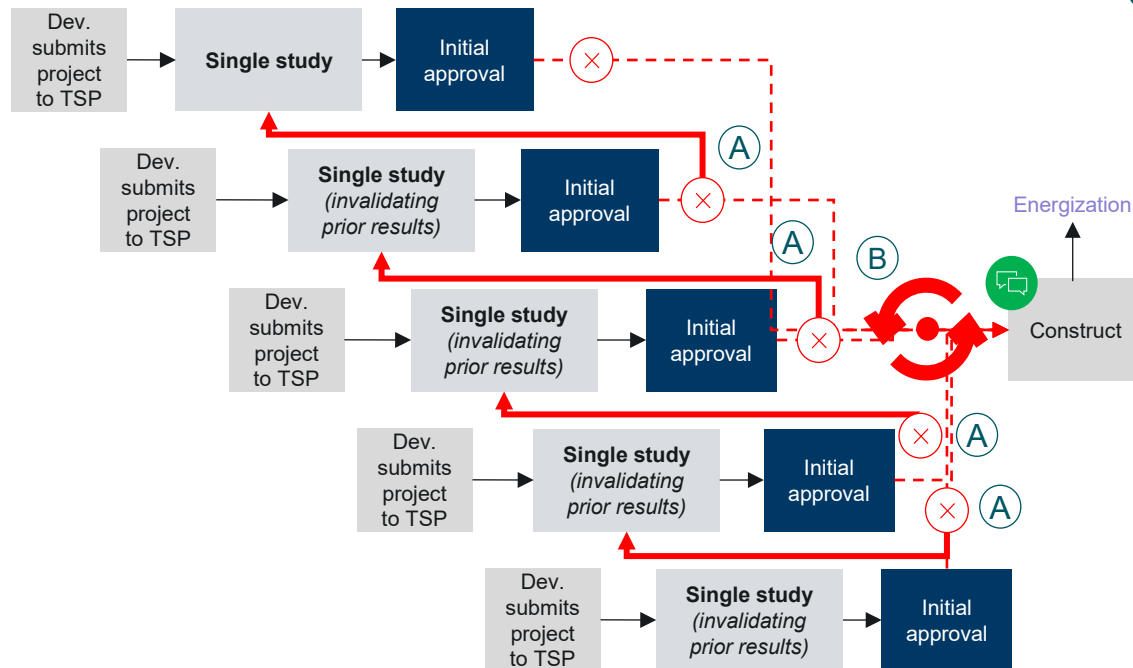
Key Takeaways

- ERCOT is planning to transition the Large Load Interconnection (LLI) studies from a single-study process to a batch study construct.
- ERCOT held a well-attended stakeholder workshop on February 3 and received feedback on the batch study proposal.
- ERCOT will develop revision requests to codify the transitional "Batch Study Zero" (June Board target) and the ongoing batch study process (September Board target).

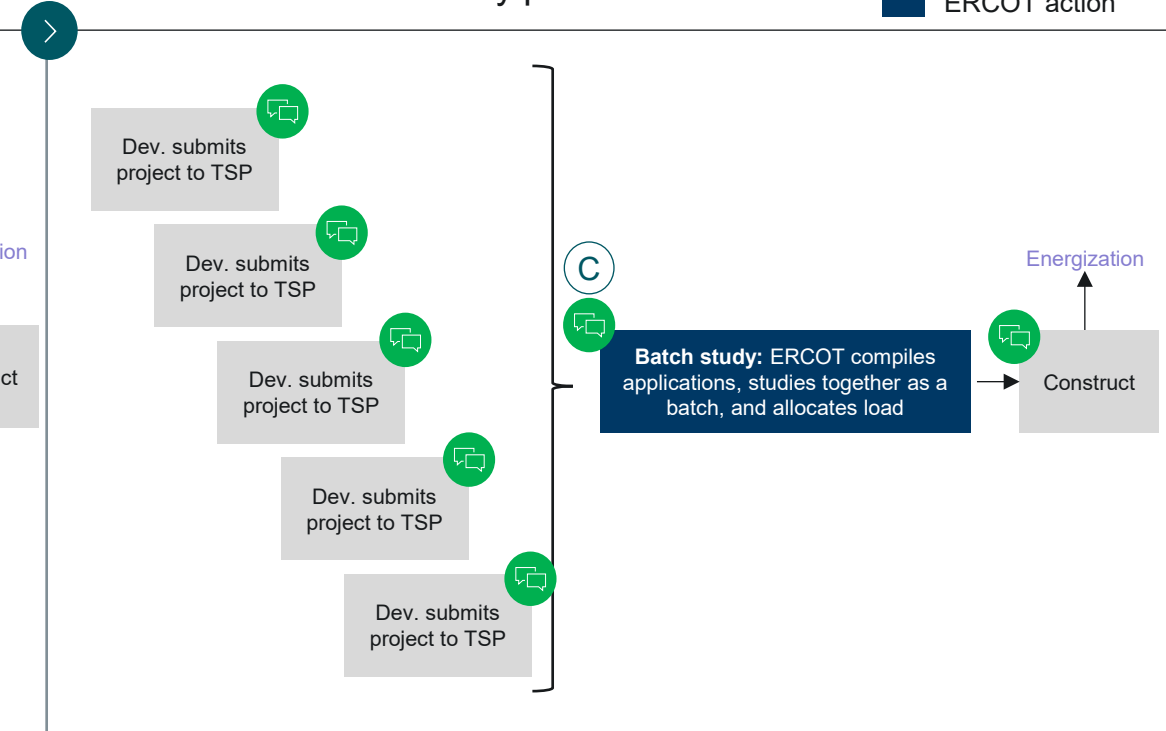
Large Load Interconnection: Moving to a Batch Study Framework




From the existing single study process...



...to the new batch study process



- A Frequent restudies required**
If another project impacts the same transmission circuit, all previous studies are invalidated and impacted projects which haven't yet energized must be restudied
- B Restudy loop**
In the absence of capacity reservation, projects can be repeatedly pulled into restudies as new requests enter the system, delaying approvals and potentially extending timelines by years

- C Batching process**
Every ~6 months, all submitted requests are batched and studied together; allocated capacity coming out of the study is "reserved" to prevent restudies
-  **Transparent communications**
Along with the new batch study process, ERCOT is redesigning the study communication process to have clearly defined touchpoints and transparent information handovers

Transitional Batch Zero

Current process

Existing LLI process

- Singular case-by-case study process
- Frequent restudies due to lack of capacity “reservation” capability
- Created a 200+ GW backlog that now must be addressed

Batch Zero

Transitional process

- Final study for loads that are at risk for restudy in the current process
- Only for loads already in the interconnection process: some loads to be considered firm, some to require reallocation of capacity

Batch 1+

Fully redesigned batch study process

- Batch studies on a set, regular cadence
- All loads must meet “seriousness” criteria to qualify for study
- Outcome of study is allocated capacity by year for loads and transmission upgrades

Key Takeaway: ERCOT plans to perform a transitional “Batch Zero” study for loads that are at risk of being restudied in the current Large Load Interconnection process.

February 3 Workshop* – Feedback Summary

| Most discussed topics | |
|-----------------------|---|
| ■ | 1 Batch Zero Cutoff Snapshot Dates |
| ■ | 2 Energization timeline assumptions |
| ■ | 3 CLR ¹ and co-located generation rules |
| ■ | 4 RTP/RPG alignment and firm energization |
| ■ | 5 Eligibility for Batch Zero, IA ² , and financial gates |
| ■ | 6 Stability model quality and screening |
| ■ | 7 TSP study sequencing and responsibilities |
| ■ | 8 Deposits, cost allocation, and dropouts |
| ■ | 9 Submitted vs. approved dates/ TSP-driven delays |
| ■ | 10 Transparency and publishing |
| ■ | 11 Load allocation methodology |
| ■ | 12 Good-cause exception |

1. Controllable Load Resource

2. Interconnection Agreement

*<https://www.ercot.com/calendar/02032026-Batch-Study-Process-for>

Workshop Feedback Topic Categories

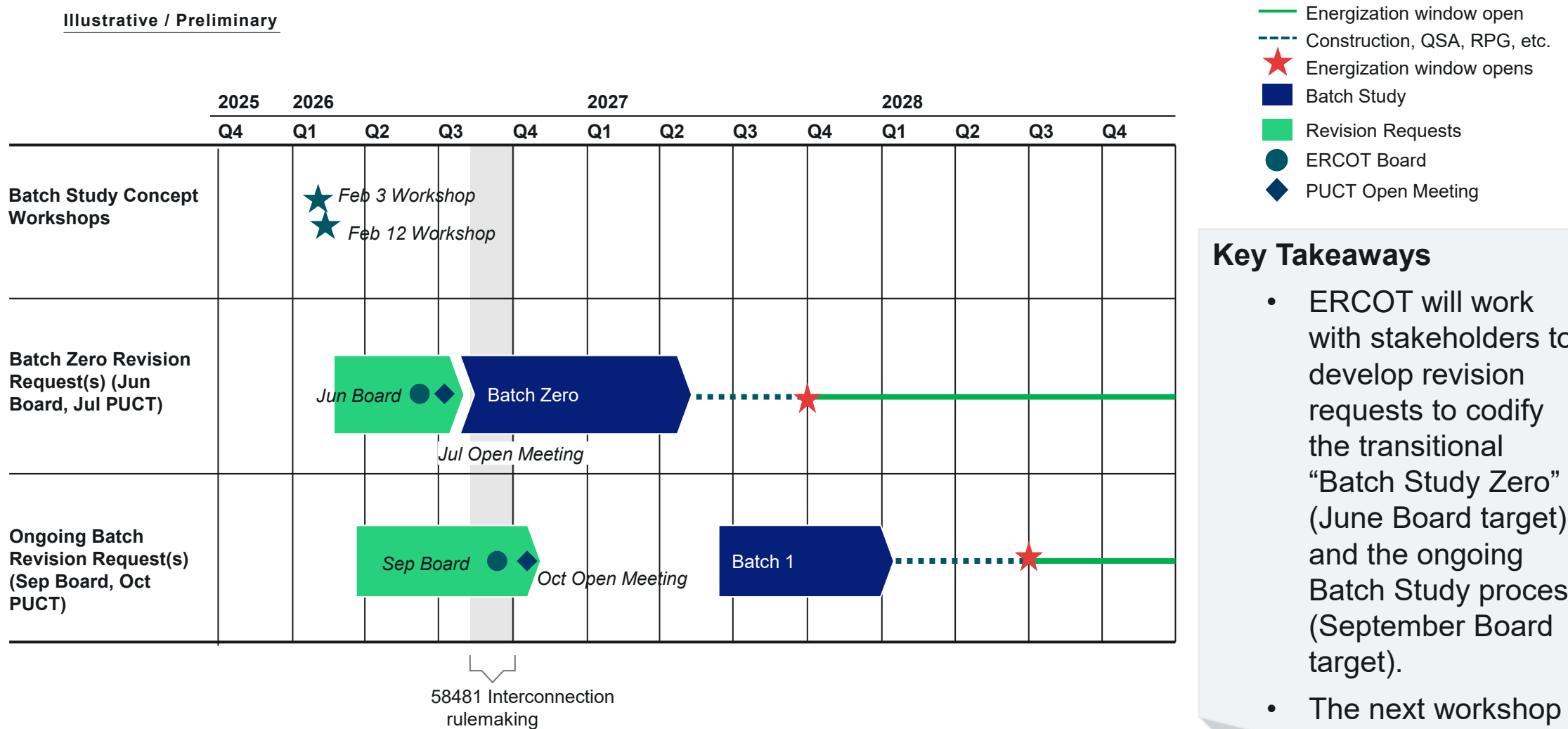
- Batch Zero
- Process
- Technical

Key Takeaways

- The February 3 workshop was well-attended with 174 people in the room and 600+ on WebEx.
- Most of the feedback was pertaining to Batch Zero, the ongoing batch study process, and technical topics.
- ERCOT will continue to work with stakeholders to develop a robust batch study process.

Batch Study Implementation Next Steps

Illustrative / Preliminary



Key Takeaways

- ERCOT will work with stakeholders to develop revision requests to codify the transitional “Batch Study Zero” (June Board target) and the ongoing Batch Study process (September Board target).
- The next workshop is February 12.

Questions?