

PUBLIC



Continued Batch Zero Interconnection Study Generation Assumption Discussion

October 8, 2026

Disclaimer: This presentation is provided solely for informational and discussion purposes and does not constitute a binding interpretation of the ERCOT Protocols, Planning Guide, or any other governing authority. In the event of any conflict between this presentation and the ERCOT Protocols, Planning Guide, or other applicable governing documents, the governing documents shall prevail.

Recap of the Batch Zero Interconnection Study Generation Need

- As [presented at the September Board meeting](#), the Batch Zero conditional base and studied load total ranges from around 100 GW in 2028 to around 192 GW in 2032
- The total ERCOT load forecast may potentially reach 200 GW for 2028 and 300 GW for 2032
- The total available generation in the interconnection queue may not be sufficient to meet the anticipated load in the Batch Zero Interconnection Study under certain system conditions (e.g., no solar)
- ERCOT shared [potential options](#) to ensure sufficient generation to meet the anticipated load at the September 2026 RPG meeting to start the stakeholder discussion
- ERCOT is collecting stakeholder feedback to finalize the generation assumptions for the Batch Zero Interconnection Study

Recap of the Options ERCOT is Considering

- As presented at the September 2026 RPG meeting, ERCOT is considering the following to address the generation need in the Batch Zero Interconnection Study
 - Incorporate generation with a later in-service-date into earlier study years
 - Address the generation need under certain system conditions using one or a combination of the following options
 - ✓ Dispatch batteries to a higher level than the previous planning studies; or
 - ✓ Dispatch both batteries and wind to a higher level than the previous planning studies; or
 - ✓ Add additional generators that are not in the current interconnection queue

Incorporate Generators with a Later In-Service-Date into Earlier Study Years

- Potential approaches:
 - Prioritize the generators that have met the Planning Guide Section 6.9(1) requirements or have signed Interconnection Agreement; or
 - Incorporate generators with a later in-service-date as much as needed
- Use one or a combination of the following options to address any remaining generation need
 - Dispatch batteries to a higher level than the previous planning studies; or
 - Dispatch both batteries and wind to a higher level than the previous planning studies; or
 - Add additional generators that are not in the current interconnection queue

Adjust Planning Assumptions for Wind and/or Battery in the Batch Zero Base Cases

- Under no solar conditions, the anticipated additional generation needs can be addressed by adjusting planning assumptions for wind and/or batteries as follows
 - Dispatch batteries to a higher level than the previous planning studies; or
 - Dispatch both batteries and wind to a higher level than the previous planning studies.
- ERCOT received stakeholder comments at the September RPG meeting that wind generation is mostly concentrated in certain areas and could drive certain flow patterns and adjusting wind dispatch may not be the preferred approach

Add Additional Generators not in the Interconnection Queue to the Batch Zero Base Cases

- Approach #1: Using a similar approach as the one adopted in the [2024 Regional Transmission Plan \(RTP\)](#) to add additional generators based on the following principles
 - Fuel type will be dispatchable to address 24/7 nature of new load
 - Focus on the largest system load pockets
 - Seek to utilize transmission capacity
 - Avoid non-attainment zones
 - ✓ Counties designated by the EPA and TCEQ as non-attainment zones for ozone pollutants (city centers)
- Approach #2: Scaling up the planned dispatchable generation in the interconnection queue that haven't met the Planning Guide Section 6.9(1) requirements yet as a proxy of adding additional generators not in the interconnection queue

Questions?

Ping.Yan@ercot.com

Gnanaprabhu.Gnanam@ercot.com