

PUBLIC



ERCOT Update

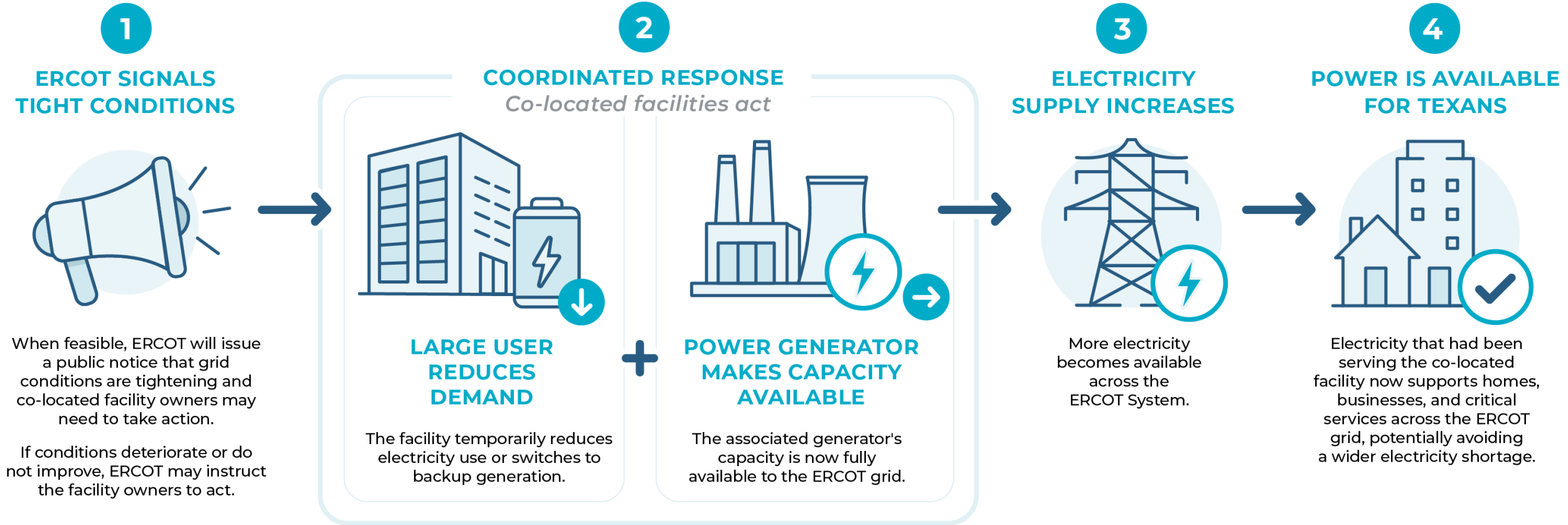
Senate Committee on Business & Commerce

Pablo Vegas

ERCOT President and Chief Executive Officer

July 29, 2026

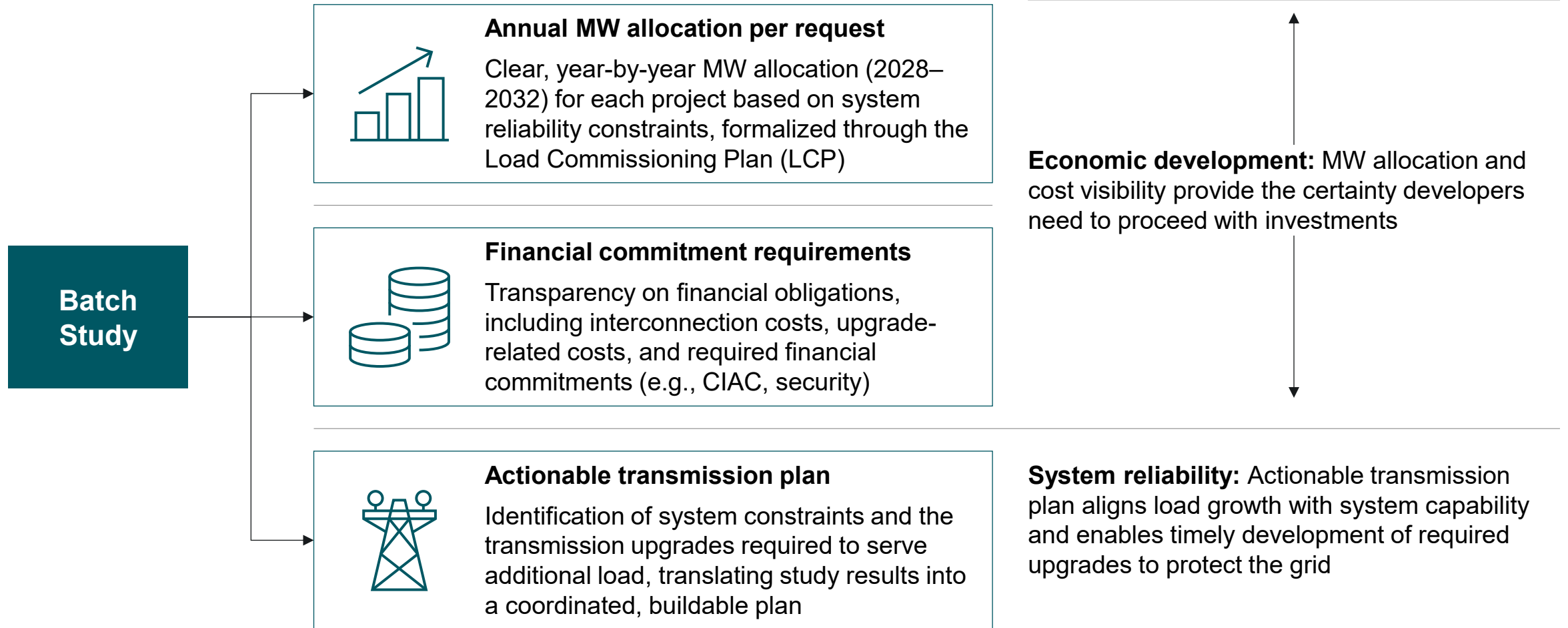
An Example of Senate Bill (SB) 6 in Action



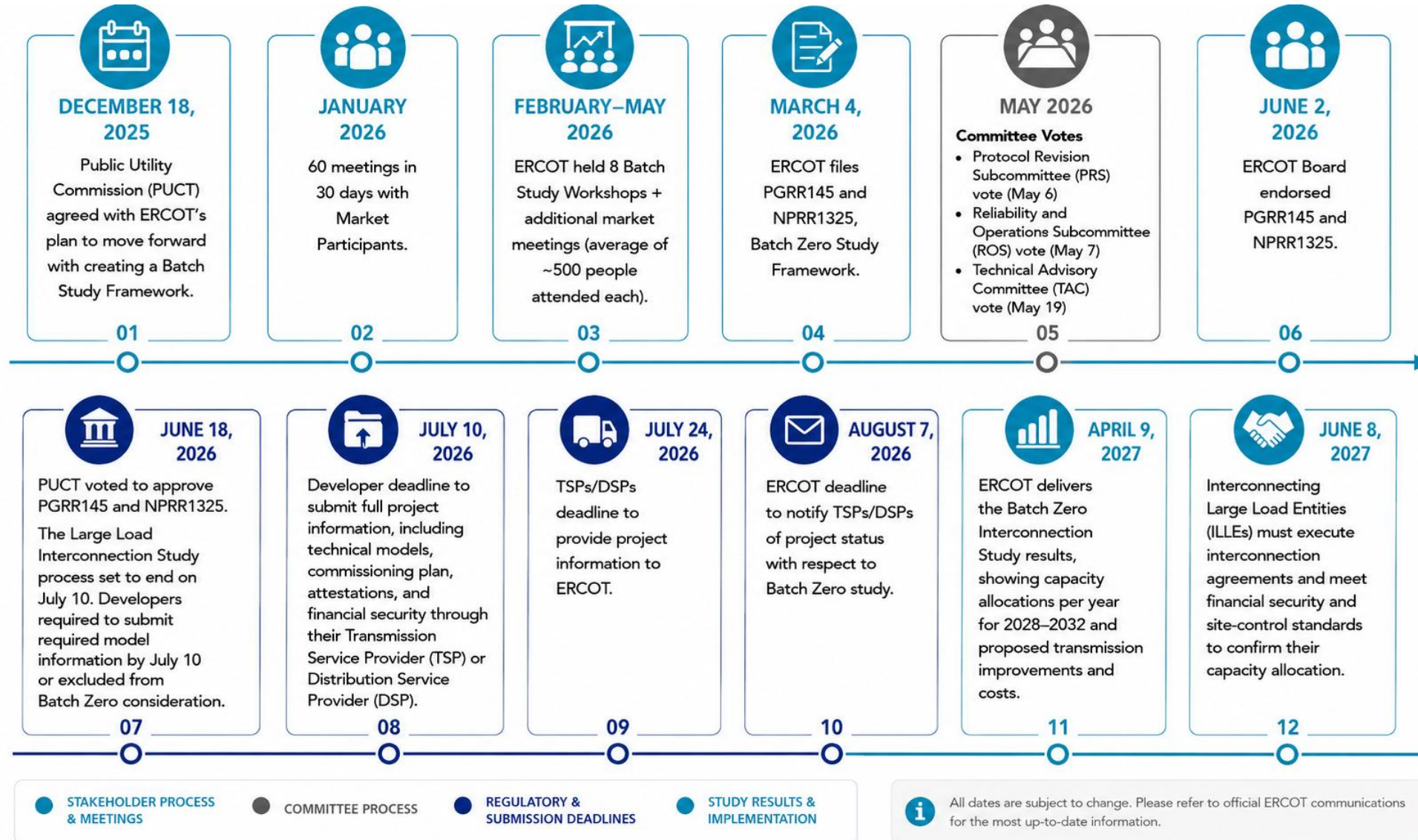
Note: this arrangement only applies to a co-located facility in which the generation resource existed prior to September 1, 2025. A generator that comes online now with a co-located load would not be subject to this same outcome.

Key Takeaway: ERCOT and the PUCT are carrying out SB6's directive to ensure large load additions at existing generation facilities do not jeopardize ERCOT's ability to use those generation facilities to serve the rest of the system during actual or anticipated grid emergencies.

A Batch Study delivers three key outputs to enable investment certainty and system reliability



Batch Study Framework Key Milestones



Batch Zero: upcoming milestones

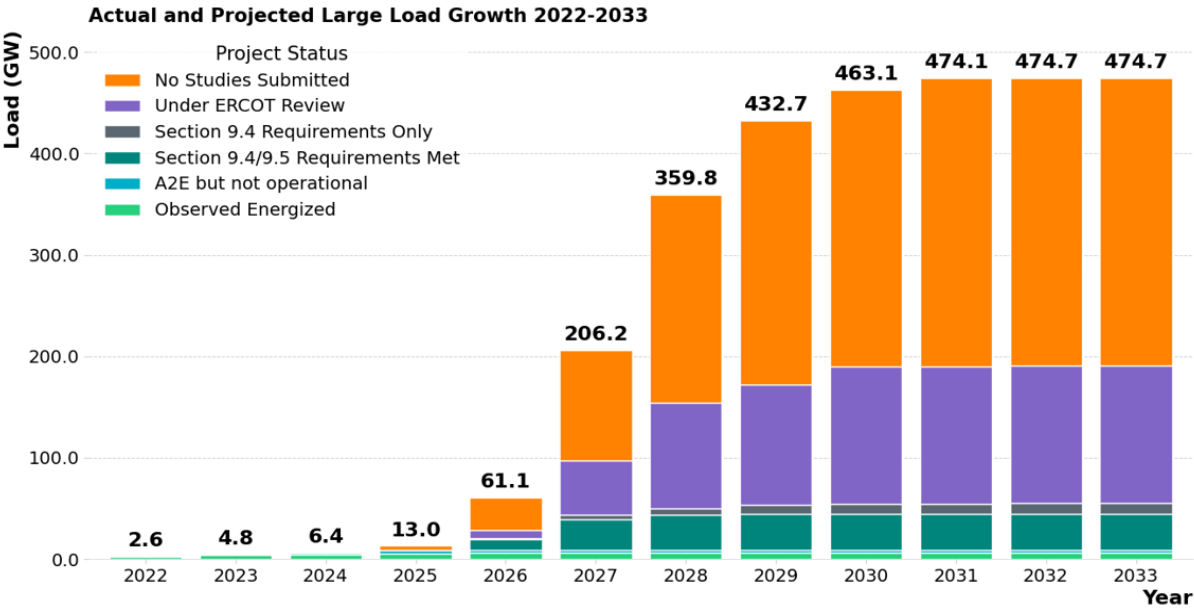
Milestone	Description	// Timeline break ▲ Eligibility gate¹ ▲ Milestone — Period/window			
		2026	2027		
		Jul	Aug	Sept	Apr
LLIS review ²	- Last day ERCOT reviews studies under the Large Load Interconnection Study (LLIS) process; Large Loads without a qualifying study by the end of the day July 10 are not eligible for inclusion in Batch Zero, no extensions or cure period - Interconnecting Large Load Entity (ILLE) dynamic model data due to ERCOT; ILLEs that did not submit a dynamic model for their Large Load are not eligible for Batch Zero	▲ July 10			
PGRR145 becomes effective	Planning Guide Revision Request 145 becomes effective	▲ July 11			
T(D)SP package	- Final Batch Zero eligibility package submission deadline; if not submitted, Load is not eligible for Batch Zero (<i>Submissions may be made prior to July 24</i>) - Financial security posting confirmed by T(D)SP	▲ July 24			
ERCOT classification notices	- ERCOT issues Batch Zero classifications no later than August 7 - Classification notices initiate the optional dispute period, <i>if applicable</i> - ERCOT notifies ILLE of any deficient dynamic data		▲ August 7		
Reclassification dispute window and reconciliation period	- Begins when ERCOT notifies the T(D)SP that a Large Load has been reclassified from Base Load to Studied Load Up to 17 business days from ERCOT's classification notice: - Notify. T(D)SP has 2 business days to notify the ILLE - Dispute process (optional). ILLE has 3 business days to dispute the reclassification through its T(D)SP - ERCOT, ILLE, and T(D)SP have 3 business days to resolve the dispute If unresolved, ERCOT's classification stands - Reconcile Security. ILLE has 7 Business Days to post any shortfall needed to bring its financial security to \$50,000/MW & T(D)SP must inform ERCOT within 2 Business Days		▲ August 7 – September 1		
Dynamic model data	- ILLE coordinates with T(D)SP to resolve ERCOT-identified dynamic model data deficiencies only - Corrected data due back by Aug 31, no extensions granted under PGRR 145; Large Loads with unresolved dynamic model deficiencies are not eligible for Batch Zero study No later than September 2, ERCOT begins Batch Zero interconnection study		▲ August 7 – 31		
Eligibility evidence review	- ERCOT conducts verification review of a sample set of ILLEs. ILLEs, through T(D)SPs, must produce documentation supporting their attestations, such as purchase orders for long-lead equipment, real estate agreements and land use approvals, agreements with end-users, and construction agreements. - Large Loads that fail to demonstrate eligibility will be disqualified from Batch Zero		▲ July 10, 2026 – April 9, 2027		

1. Projects that fail to submit required materials, resolve identified deficiencies, or demonstrate eligibility by the applicable eligibility gate may be removed or disqualified from Batch Zero

2. Loads that are already energized or included in a QSA remain eligible for Batch Zero without submitting a dynamic model

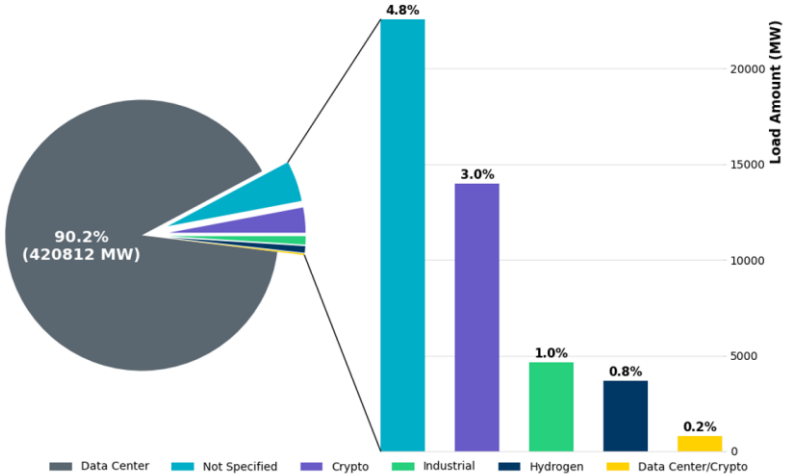
Large Load Interconnection Requests (as of June 2026)

Actual and Projected Large Loads Growth 2022-2033



Project Status	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
No Studies Submitted	0.0	0.0	0.0	4.1	32.8	109.0	205.8	261.0	273.5	284.0	284.3	284.3
Under ERCOT Review	0.0	0.0	0.0	0.0	7.5	53.5	103.6	118.5	135.1	135.5	135.5	135.5
Section 9.4 Requirements Only	0.0	0.0	0.0	0.0	1.5	4.7	6.3	8.5	9.9	9.9	9.9	9.9
Section 9.4/9.5 Requirements Met	0.0	0.0	0.0	0.0	10.2	29.9	35.0	35.7	35.7	35.7	36.0	36.0
A2E but not operational	0.0	0.3	1.4	3.0	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
Observed Energized	2.6	4.5	5.0	5.8	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
Total (GW)	2.6	4.8	6.4	13.0	61.1	206.2	359.8	432.7	463.1	474.1	474.7	474.7

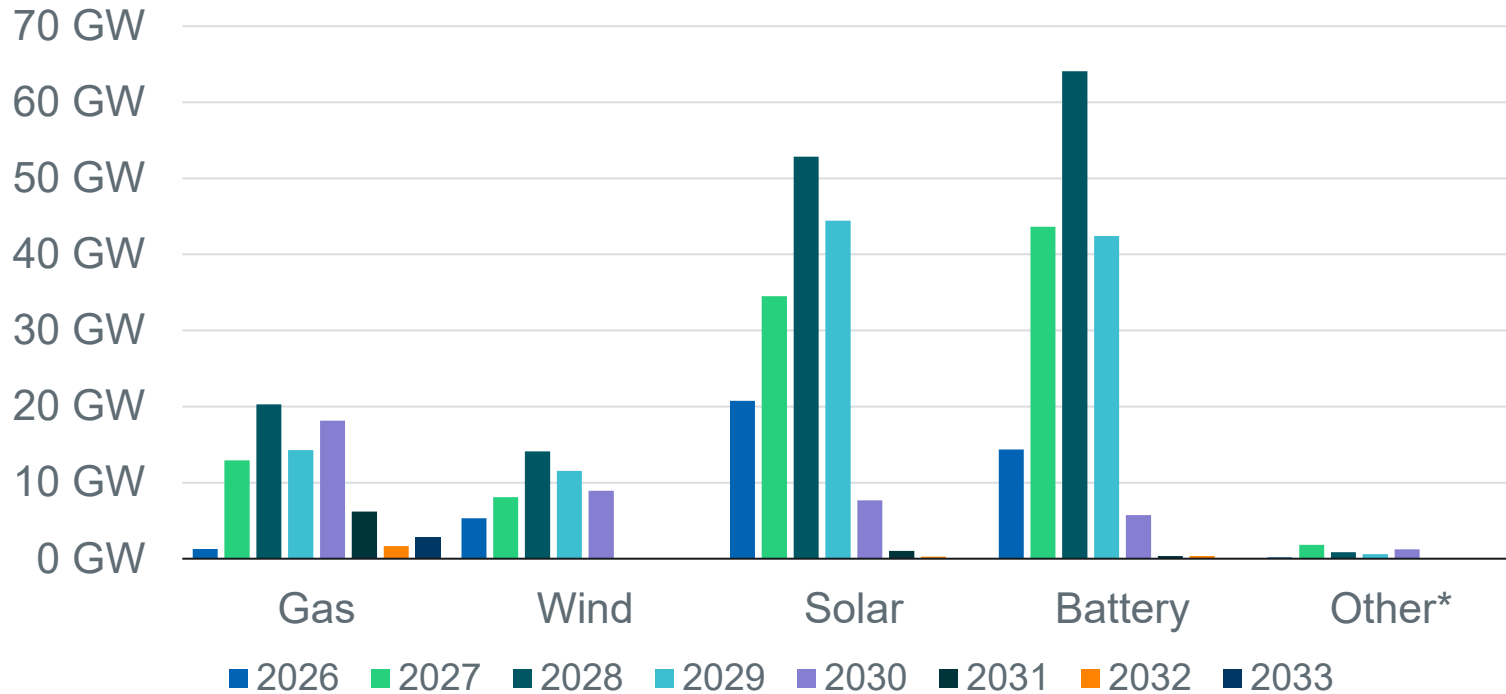
Large Loads by Project Type



Key Takeaway: ERCOT is tracking approximately 474 GW of Large Loads seeking interconnection, of which ~90% are data centers.

Interconnection Queue Capacity by Fuel Type as of June 30, 2026

Totals: Solar 162 GW (34.9%), Wind 48 GW (10.4%), Gas 78 GW (16.8%), Battery 171 GW / 410 GWh (36.9%), Other 5 GW (1%)
(Excludes capacity associated with projects designated as Inactive per Planning Guide Section 5.2.5)



1,949 active generation
interconnection requests totaling
462,785 MW

Queue totals in MW:

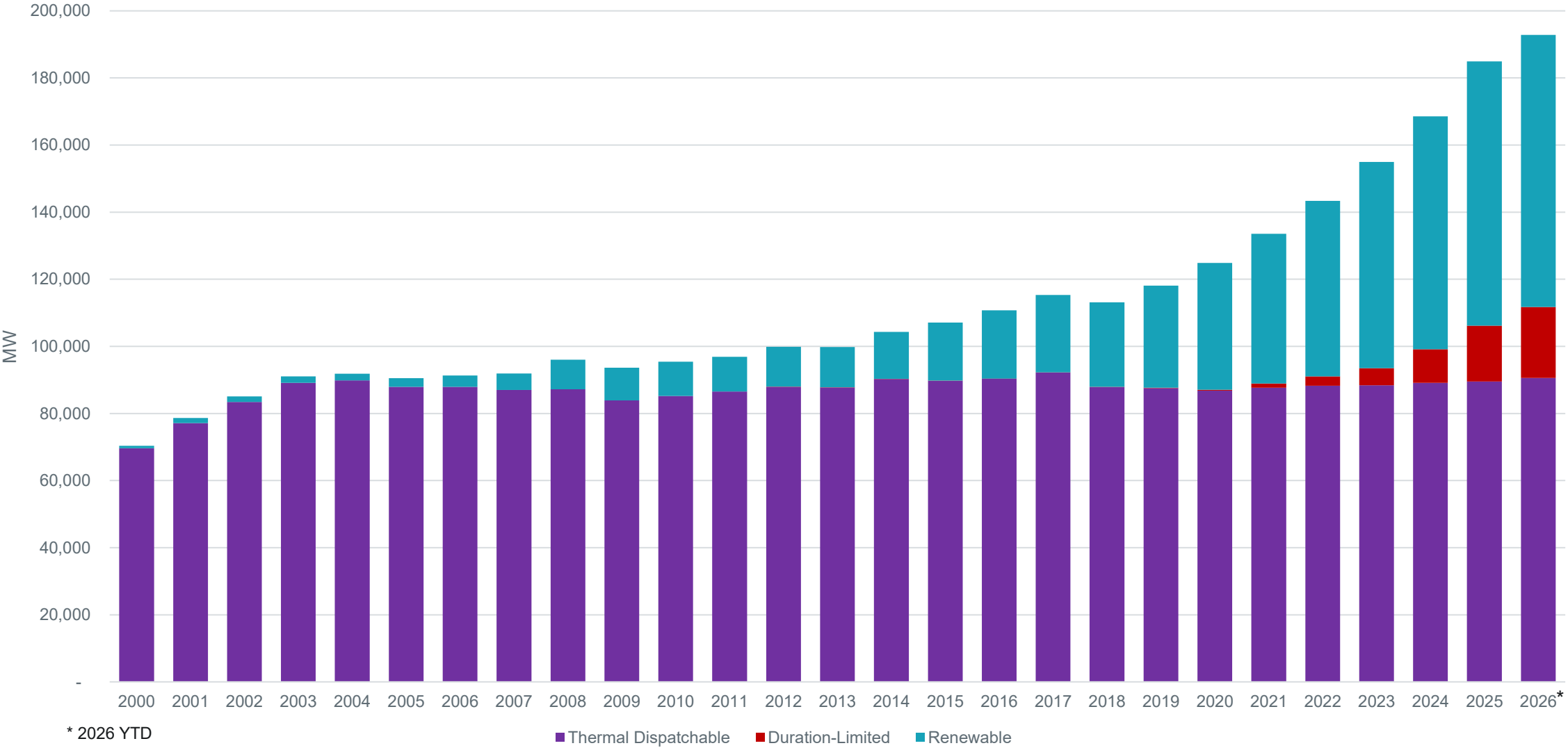
- Solar 161,554 MW
- Wind 47,991 MW
- Energy Storage 170,945 MW
- Gas 77,607 MW

A break-out by zone can be found in the monthly Generator Interconnection Status (GIS) reports available on the ERCOT Resource Adequacy Page: <http://www.ercot.com/gridinfo/resource>

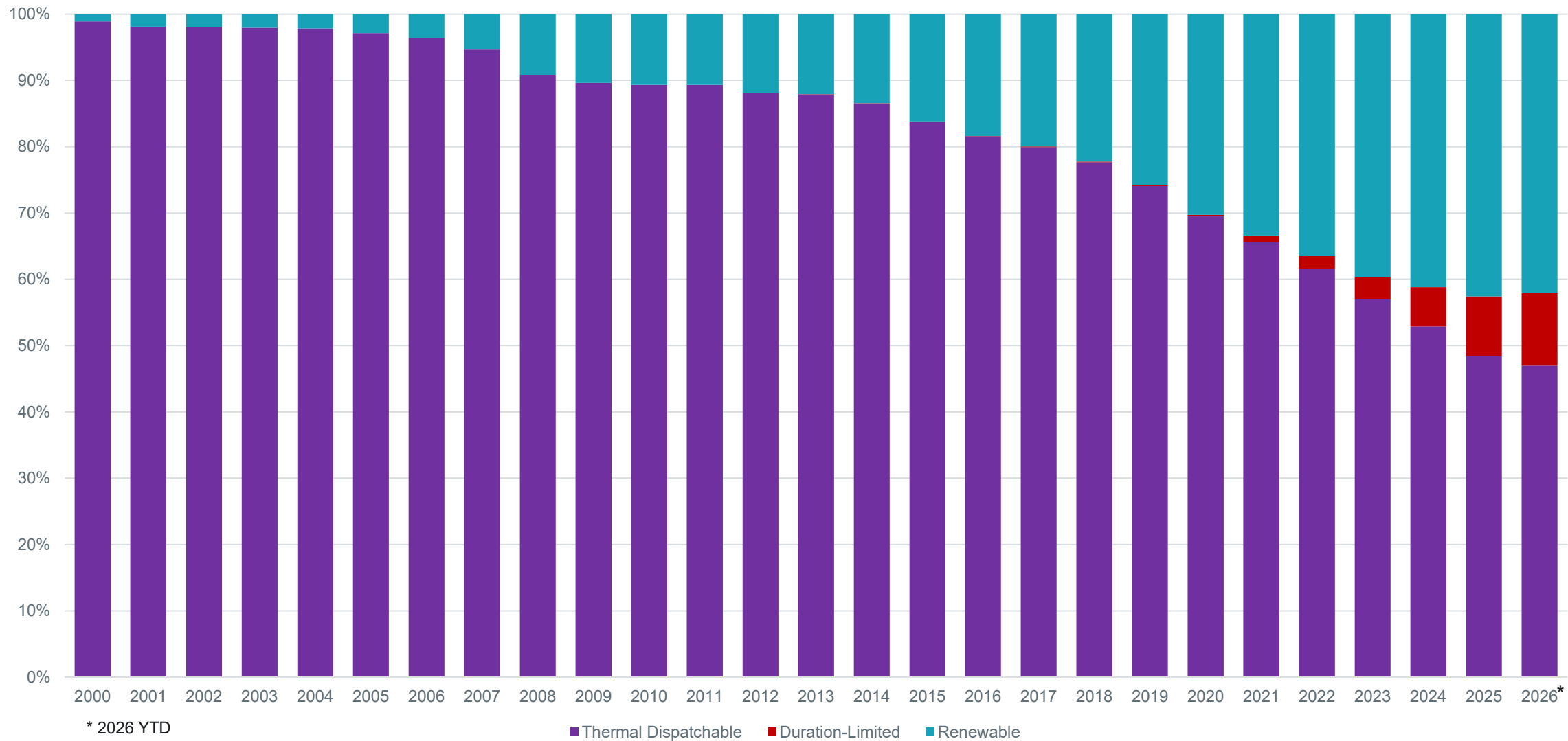
- Other includes petroleum coke (pet coke), hydroelectric, fuel oil, nuclear, geothermal energy, other miscellaneous fuels reported by developers, and fuel cells that use fuels other than natural gas.
- The GWh cited for active planned battery storage projects is an estimate of the aggregate nameplate energy rating based on data provided through Request for Information (RFI) submissions for projects with signed interconnection agreements. Using the RFI data, an average design duration for these projects is calculated and then multiplied by the nameplate capacity for all active projects to derive the total energy rating

Key Takeaway: Solar and Energy Storage account for approximately 72% of the amount of generation seeking interconnection in the ERCOT grid.

Installed Capacity Mix by Operational Characteristic



Installed Capacity Mix by Operational Characteristic



Preliminary Overview of Batch Zero Eligibility

NOTE: The following data is preliminary and only reflects eligibility for inclusion in Batch Zero. ERCOT will review all application materials and make final determinations of which loads are included in the study on or before August 7. ERCOT will communicate the results by September 2.

