

<u>DRAFT GENERAL SESSION MINUTES OF THE BOARD OF DIRECTORS MEETING OF ELECTRIC RELIABILITY COUNCIL OF TEXAS, INC.</u>

8000 Metropolis Drive (Building E), Suite 100, Boardroom B Austin, Texas 78744 September 22-23, 2025

Pursuant to notice duly given, the meeting of the Board of Directors (Board) of Electric Reliability Council of Texas, Inc. (ERCOT) convened on the above-referenced date.

Meeting Attendance:

Board Members:

Director	Affiliation/Role (if any)	Voting Category
Barkley, Ben	Office of Public Utility Counsel (OPUC) Chief Executive and Public Counsel	Voting
Capuano, Linda	N/A	Voting
England, Julie	N/A	Voting
Flores, Bill (Chair)	N/A	Voting
Gleeson, Thomas	Public Utility Commission of Texas (PUCT or Commission) Chairman	Non-Voting
Heeg, Peggy (Vice Chair)	N/A	Voting
Jackson, Kathleen	PUCT Commissioner	Non-Voting
Krummel, Chris	N/A	Voting
McAllister, Kathleen	N/A	Voting
Mohl, Bill	N/A	Voting
Swainson, John	N/A	Voting
Vegas, Pablo	ERCOT President and Chief Executive Officer (CEO)	Non-Voting

Officers and Guests:

Officer/Guest	Role	
Albright, Jim	President and Chief Executive Officer of Texas Reliability, Inc.	
Barnes, Bill	NRG Energy Senior Director of Regulatory Affairs	
Bonser, Drew	ERCOT Vice President and Chief Information Security Officer	
Boren, Ann	ERCOT Senior Manager of Market Rules and Stakeholder Support	



Carpenter, Jeremy	Tenaska Vice President Energy Management and Operations	
Cochran, Seth	Vitol Strategic Market Policy Head	
Collins, Keith	ERCOT Vice President of Commercial Operations	
Drake, Gordon	ERCOT Director, Market Design and Analysis	
English, Barksdale	PUCT Deputy Executive Director	
Gleason, Brandon	ERCOT Vice President, Legal and Compliance, and Assistant	
	Corporate Secretary	
Harpole, Jay	APG&E CEO	
Henson, Martha	Technical Advisory Committee (TAC) Vice Chair	
Hjaltman, Courtney	PUCT Commissioner	
Hobbs, Kristi	ERCOT Vice President of System Planning and Weatherization	
Hughes, Gilbert	ERCOT Vice President of Public Affairs	
Kee, David	CPS Energy Director of Energy Market Policy	
Taylor, Kilroy	Texas Public Power Association, Executive Director	
Maggio, David	ERCOT Principal, Commercial Operations	
Mago, Nitika	ERCOT Director of Balancing Operations Planning	
Martinez, Adam	ERCOT Vice President of Enterprise Risk and Strategy	
McDonald, Jeff	Director, Potomac Economics, ERCOT Independent Market Monitor (IMM)	
Mereness, Matt	ERCOT Senior Director of Strategic Market Design Programs and	
	Delivery	
Parakkuth, Jayapal	ERCOT Senior Vice President and Chief Digital Officer	
Rainwater, Kim	ERCOT Senior Corporate Counsel	
Rickerson, Woody	ERCOT Senior Vice President and Chief Operating Officer	
Rychetsky, Penny	ERCOT Director of Internal Audit	
Rydell, Brandt	ERCOT Deputy General Counsel	
Scheel, Richard	ERCOT Senior Vice President, Chief Financial Officer, and Chief	
0 1 1 - /	Risk Officer	
Seely, Chad V.	ERCOT Senior Vice President, Regulatory Policy, General	
Conith Coitlin	Counsel, Chief Compliance Officer, and Corporate Secretary	
Smith, Caitlin	TAC Chair; Vice President of Policy and Corporate, Jupiter Power, LLC	
Spak, Mara	ERCOT Vice President of Human Resources	
Woodfin, Dan	ERCOT Vice President of System Operations	
Zerwas, Rebecca	ERCOT Director of State Policy and PUC Relations, Board Liaison	

Call General Session to Order (Agenda Item 1)

Bill Flores, Board Chair, confirmed a quorum and called the ERCOT Board meeting to order at 2:15 p.m. on September 22, 2025.

PUCT Chairman Thomas Gleeson called an Open Meeting of the Commission to consider matters posted with the Secretary of State. Chair Flores highlighted the Antitrust Admonition in the meeting materials.



Chair Flores welcomed three new Board Directors: Bill Mohl, Chris Krummel, and Kathleen McAllister for their initial 3-year terms and indicated the Board is now fully seated. Chair Flores assigned Directors to the following Committees: Technology and Security (T&S) – John Swainson (Chair), Linda Capuano, Julie England, and Bill Mohl; Human Resources and Governance (HR&G) – Peggy Heeg (Chair), Benjamin Barkley, Chris Krummel, and Kathleen McAllister; and Finance and Audit (F&A) Bill Flores (Chair, non-voting), Benjamin Barkley, Julie England, Christopher Krummel, and Bill Mohl.

Notice of Public Comment, if Any (Agenda Item 2)

Chair Flores announced that on the agenda for the meeting, which was posted publicly on September 15, 2025, ERCOT had provided instructions for members of the public who were interested in commenting in person and that to date no individuals had expressed interest in commenting, which Chad Seely confirmed.

June 23-24, 2025, General Session Meeting Minutes (Agenda Item 3)

Chair Flores entertained a motion to approve the June 23-24, 2025, General Session Meeting Minutes.

Motion by John Swainson, seconded by Peggy Heeg, to approve the Minutes as presented. Motion passed by voice vote with three abstentions (Bill Mohl, Chris Krummel, and Kathleen McAllister).

<u>Consent Agenda; Unopposed Revision Requests Recommended by TAC for Approval</u> (Agenda Items 4 – 4.1.21)

Chair Flores addressed the Consent Agenda, including Revision Requests approved by TAC without opposing votes recorded. Chair Flores discussed comments in the meeting materials from Plus Power regarding NOGRR272, Advanced Grid Support Requirements for Inverter-Based Energy Storage Resources (ESRs) (NOGRR 272). Considering TAC unanimously recommended to approve NOGRR 272, Chair Flores proposed no changes to the Consent Agenda. Mr. Seely reviewed the cost impact of the Revision Requests on the Consent Agenda:

- NPRR1265, Unregistered Distributed Generator
- NPRR1266, Opt-Out Status Held by a Transmission-Voltage Customer Cannot be Transferred
- NPRR1277, Revisions to EAL Formula
- NPRR1279, Reinstate Enhancements to the Exceptional Fuel Cost Process
- NPRR1281, Improvements to Alternate FFSS Resource Designation
- NPRR1283, Modification of SSR Mitigation Timeline
- NPRR1288, Remove Multiple Month Transactions in CRR Auctions
- NPRR1289, Option Price Report and Establish 1 MW Bid Minimum
- NPRR1290, Gap Resolutions and Clarifications for the Implementation of RTC+B
- NPRR1291, Modify Annual Demand Response Report Posting Date and Include Language to Address PUCT SUBST. R. 25.186
- NOGRR272, Advanced Grid Support Requirements for Inverter-Based ESRs
- NOGRR278, Related to NPRR1290, Gap Resolutions and Clarifications for the Implementation of RTC+B



- PGRR120, SSO Risk Reduction for Generator Interconnection
- PGRR121, Related to NOGRR272, Advanced Grid Support Requirements for Inverter-Based ESRs
- PGRR129, Establish Grid Reliability and Resiliency Assessment (GRRA) Posting Requirements
- RMGRR183, Competitive Retailer Information Portal (CRIP) and Weather Moratorium Updates
- SCR832, Discontinue Report that makes COPs available to TSPs
- SMOGRR032, Move OBD to Section 12 TDSP Access to EPS Metering Facility Notification Form
- SMOGRR033, Move OBD to Section 12 TDSP Cutover Form for EPS Metering Points
- SMOGRR034, Remove Obsolete Gray Box regarding NPRR1020
- VCMRR044, RTC+B Mitigated Offer Cap for Hydro Generation Resources.

Board Directors and Mr. Seely discussed reliability impacts of Revision Requests on the Consent Agenda, including NOGRR 272 impacts on new ESRs. Chair Flores entertained a motion to recommend approval of the Consent Agenda, as presented.

Motion by Ms. Heeg, seconded by Julie England, to recommend approval of the Consent Agenda as presented. Motion passed by unanimous voice vote with no abstentions.

High-Impact Policy Discussions in Stakeholder Process (Agenda Item 5)

Rebecca Zerwas presented the High-Impact Policy Discussions in Stakeholder Process.

TAC Report: Biennial TAC Stakeholder Body Structural and Procedural Review (Agenda Items 6 – 6.1)

Caitlin Smith presented the TAC Report and the Biennial TAC Stakeholder Body Structural and Procedural Review. Board Directors and Ms. Smith discussed the volume of stakeholder meetings and benchmarking the structure of TAC stakeholder groups against other independent system operators (ISOs). Discussion included reporting to the Board the frequency and duration of Regional Planning Group (RPG) meetings.

Regional Planning Group Projects; CNP Baytown Area Load Addition Project (Agenda Items 7 – 7.1)

Chair Flores took up the CNP Baytown Area Load Addition Project and discussed joint comments in the meeting materials from Consumers, the Office of Public Utility Counsel, and Rhythm Ops. Chair Flores indicated the joint commenters cast the three "No" votes at TAC but TAC still endorsed the project. Kristi Hobbs discussed the project, including Option 1 that CenterPoint originally submitted for \$141.6 million compared to ERCOT staff's recommendation to approve Option 2A for \$545.3 million required to satisfy North American Electric Reliability Corporation (NERC) and ERCOT reliability planning criteria. Board Directors and Ms. Hobbs discussed Commission oversight in the event of stranded costs and public participation in ratemaking. Hearing no further discussion, Chair Flores entertained a motion to approve the project as presented.



Motion by Ms. Heeg, seconded by Linda Capuano, to endorse the need for the CNP Baytown Area Load Addition Project, Option 2A, based on NERC and ERCOT reliability planning criteria. Motion passed by voice vote with one abstention (Ben Barkley).

BTU - Texas A&M University System RELLIS Campus Reliability Project (Agenda Item 7.2) Ms. Hobbs presented the Bryan Texas Utilities (BTU) - Texas A&M University System RELLIS Campus Reliability Project and asked the Board to endorse the need for the project, Option 1, based on NERC and the ERCOT reliability planning criteria. Chair Flores entertained a motion to approve the project as presented.

Motion by Ms. England, seconded by Mr. Krummel, to endorse the need for the BTU - Texas A&M University System RELLIS Campus Reliability Project, Option 1, based on NERC and ERCOT reliability planning criteria. Motion passed by unanimous voice vote with no abstentions.

<u>Commercial Markets; Independent Market Monitor (IMM) Report (Agenda Items 8 – 8.1)</u>
Jeff McDonald presented the IMM Report.

ERCOT Staff Response to IMM 2024 State of the Market Report (Agenda Item 8.2)

Keith Collins presented the ERCOT Staff Response to the IMM 2024 State of the Market Report. ERCOT staff provided a preliminary response at the Board meeting in June. Board Directors and Mr. Collins discussed that the ERCOT staff responses to the IMM report and the responses filed by PUCT staff are aligned.

Commercial Markets Update (Agenda Item 8.3)

Mr. Collins presented the Commercial Markets Update. Board Directors and Mr. Collins discussed how the Emergency Response Service (ERS) operates, particularly for price responsive Resources that self-deploy like steel mills and crypto miners and Resources that ERCOT calls upon. Discussion also included price trends and the cost of new entry for a peaker gas plant.

<u>Market Price Correction – Incorrect Generic Transmission Constraint Limit used in the Day-Ahead Market (Agenda Item 8.4)</u>

Gordon Drake presented the Market Price Correction – Incorrect Generic Transmission Constraint Limit used in the Day-Ahead Market. Chair Flores enteretained a motion.

Motion by Mr. Swainson, seconded by Ms. Capuano, to (1) determine that prices for the identified intervals for Operating Day June 27, 2025, were significantly impacted by the usage of an incorrect Generic Transmission Constraint limit in the Day-Ahead Market, and (2) direct ERCOT to implement the appropriate price corrections pursuant to Protocol Section 4.5.3. Motion passed by unanimous voice vote with no abstentions.

Board Directors and Jayapal Parakkuth discussed the root cause of the software error underlying the price correction.



Real-Time Co-optimization Update (Agenda Item 8.5)

Matt Mereness presented the Real-Time Co-optimization (RTC) Update, including the first controlled test of the RTC system. Board Directors and Mr. Mereness discussed frequency tuning during the test window.

<u>Stakeholder Engagement Topic – Real-Time Co-optimization Plus Batteries (RTC+B)</u> (Agenda Item 9)

Chair Flores introduced the Stakeholder Engagement Topic – RTC+B implementation and encouraged Director discussion. Bill Barnes and Jay Harpole presented for the Independent REP Segment. Board Directors and Mr. Barnes discussed forward pricing for ancillary services following implementation of RTC+B. Jeremy Carpenter and Seth Cochran presented for the Independent Power Marketer Segment. Taylor Kilroy and David Kee presented for the Municipal Segment.

Annual Membership Meeting Announcement (Agenda Item 10)

Mr. Seely presented the Annual Membership Meeting Announcement. The meeting will be held at the Austin Marriott Downtown on December 8, 2025, the first day of the December Board meeting.

Recess Meeting until 10:00 a.m., Tuesday, September 23, 2025

Chair Flores recessed the meeting at 4:42 p.m. on September 22, 2025, and announced that General Session would reconvene at 10:00 a.m. on September 23. Chairman Gleeson adjourned the Open Meeting of the Commission.

Reconvene General Session 10:00 a.m., Tuesday September 23, 2025

On September 23, 2025, at 10:00 a.m., Chair Flores reconvened the Board meeting, and Chairman Gleeson called an Open Meeting of the Commission to consider matters posted with the Secretary of State. Chair Flores highlighted the Antitrust Admonition and inquired if any public members wished to comment. Mr. Seely confirmed that no individuals had expressed interest.

CEO Update; Update on ERCOT Interim Process for Net Metering Arrangement Study Details (PURA § 39.169) (Agenda Items 11 – 11.1)

Pablo Vegas presented the CEO Update. Board Directors discussed compliance requirements for NOGRR245, Inverter-Based Resource (IBR) Ride-Through Requirements. Directors also acknowledged ERCOT staff Generation- and load-interconnection teams who participated in flood response in Central Texas in July and the community-service team that recently hosted a Boys and Girls Club event at ERCOT.

Woody Rickerson and Dan Woodfin presented the Update on ERCOT Interim Process for Net Metering Arrangement Study Details (PURA § 39.169), including examples of Large Load curtailment considering Senate Bill 6, 89th Leg., R.S. (SB 6). Board Directors and Mr. Woodfin discussed the pending Commission rulemaking to implement SB6 and Demand Response participation. Board Directors and Mr. Rickerson discussed the process for interconnecting Large Loads.



Summer 2025 Operational and Market Review (Agenda Item 12)

Mr. Woodfin and Mr. Collins presented the Summer 2025 Operational and Market Review. Board Directors and Mr. Woodfin discussed trends in forced outages in 2024 compared to 2025. Discussion included impacts on Physical Responsive Capability (PRC) of wind, solar, and battery storage after sunset. Discussion with Mr. Collins included impact of conservative operations on Real-Time Hub Price and Peaker Net Margin.

2025 Texas Reliability Entity Presentation (Agenda Item 13)

Mr. Vegas introduced Jim Albright, President and CEO of Texas Reliability Entity (Texas RE). Mr. Albright presented the 2025 Texas Reliability Entity Presentation. Board Directors and Mr. Albright discussed alignment between Texas RE and ERCOT on reliability-related issues.

ERCOT Assessments and Recommendations in Response to DOE, NERC, and Texas RE Grid Reports (Agenda Item 14)

Mr. Rickerson presented the ERCOT Assessments and Recommendations in Response to United States Department of Energy (DOE), NERC, and Texas RE grid reports. Board Directors, Mr. Rickerson, and Mr. Woodfin discussed the frequency of IBR ride-through issues, as well as the timeline for Board consideration of the developing Reliability Standard.

Recommendation regarding 2026 ERCOT Methodologies for Determining Minimum Ancillary Service Requirements (Agenda Item 15)

Chair Flores took up the 2026 ERCOT Methodologies for Determining Minimum Ancillary Service Requirements. Chair Flores indicated the Board previewed ERCOT staff's proposed methodologies at the June Board meeting. Chair Flores highlighted Joint Consumer Comments in the meeting materials and that there were 7 "No" votes at TAC but TAC still endorsed the ERCOT staff recommendation.

Nitika Mago presented staff's recommendation. Board Directors and Ms. Mago discussed the the operation of a probablistic approach to calculating Ancillary Service mimimum quantities to procure in 2026. Board Directors and Mr. Woodfin discussed the timeline for evolution of the Ancillary Service methodology and the projected increase in procurement from 2025-2026.

PUCT Chairman Gleeson invited Mr. McDonald to present. Board Directors and Mr. McDonald discussed reliability benefits and risk analysis. Discussion also included timing, preceding implementation of RTC+B, of the IMM's recommendations. Board Members, Mr. Woodfin, and Mr. Rickerson further discussed risk analysis and management in connection with Ancillary Services. Commissioners and Barksdale English considered continuing the discussion for changes to the Ancillary Services methodology for 2027, including both risk management for reliability and cost. Mr. Vegas noted the pending accelleration of dynamic change in connection with load growth and continuing resource mix change, and forthcoming significant market changes associated with RTC+B. At the conclusion of the lengthy discussion, Chair Flores expressed appreciated to the IMM, Commission, TAC, and ERCOT staff for their work regarding the proposed methodology.

Motion by Mr. Swainson, seconded by Ms. Heeg, to approve the Recommendation regarding 2026 ERCOT Methodologies for Determining Minimum Ancillary Service



Requirements, as endorsed by TAC and as presented by ERCOT staff. Motion passed by unanimous voice vote with no abstentions.

Break

Chair Flores recessed the Board meeting at 12:53 p.m., and PUCT Chairman Gleeson recessed the Commission's Open Meeting. Both meetings reconvened at 1:05 p.m.

<u>System Planning and Operations; System Operations Update (Agenda Items 16 – 16.1)</u>
Mr. Woodfin presented the System Operations Update. Board Directors and Mr. Woodfin discussed the anticipated duration for the two new Generic Transmission Constraints ERCOT created for Far West Texas. Discussion also included a concept for a future ERCOT-sponsored Revision Request with a one-time incentive to encourage existing inverter-based resources to adopt new Advanced Grid Support technology.

System Planning and Weatherization Update (Agenda Item 16.2)

Ms. Hobbs presented the System Planning and Weatherization Update.

Board Committee Reports; Finance and Audit (F&A) Committee (Agenda Items 17 – 17.1) Mr. Flores, as Chair of the F&A Committee, reported on the Committee's meeting of the prior day. Chair Flores noted the Committee discussed the self-evaluation process, met with the ERCOT independent auditor, and discussed financial performance and debt compliance reports. Chair Flores further noted the Subchapter M bond refinancing that closed on favorable terms and noted the net savings to Texas rate payers is north of \$60 million.

Human Resources and Governance (HR&G) Committee; (Agenda Item 17.2)

Ms. Heeg, as Chair of the HR&G Committee, reported on the Committee's meeting of the prior day. Ms. Heeg noted Committee discussion regarding annual self-evaluation, and that Brandon Gleason presented a brief review of the conflict-of-interest disclosures submitted by ERCOT employees and Board Members. Ms. Heeg also noted proposed 2027 Board meeting dates.

Technology and Security (T&S) Committee Report (Agenda Item 17.3)

Mr. Swainson, as Chair of the T&S Committee, reported on the Committee's meeting of the prior day. Mr. Swainson highlighted the four guest speakers that spoke to the Committee regarding geothermal energy and its potential in Texas and summarized the content of the discussion. He also highlighted discussion regarding Committee self-evaluation, Mr. Parakkuth's technology update with a focus on RTC+B, and potential future discussions regarding ERCOT's strategy related to Artificial Intelligence.

Other Business (Agenda Item 18)

There was no Other Business.



Executive Session

Chair Flores recessed General Session at 1:40 p.m., and PUCT Chairman Gleeson recessed the Open Meeting. Chair Flores convened Executive Session at 1:44 p.m., recessed it at 3:43 p.m., and reconvened General Session at 3:44 p.m. to vote on items discussed in Executive Session.

Reconvene General Session; Vote on Matters from Executive Session; (Agenda Items 19) Chair Flores entertained a motion to approve the security matter discussed during Executive Session under Agenda Item ES 2.3.

Motion by Mr. Swainson, seconded by Ms. Capuano to approve the security matter discussed in Executive Session under Agenda Item ES 2.3. Motion passed by unanimous voice vote with no abstentions.

Chair Flores entertained a motion to approve the personnel matter discussed during Executive Session under Agenda Item ES 2.5.2.1.

Motion by Ms. Heeg, seconded by Ms. England, to approve the personnel matter discussed in Executive Session under Agenda Items ES 2.5.2.1. Motion passed by unanimous voice vote with no abstentions.

Chair Flores entertained a motion to approve the litigation matter discussed during Executive Session under Agenda Item ES 2.7.1.

Motion by Mr. Barkley, seconded by Ms. McAllister, to approve the litigation matter discussed in Executive Session under Agenda Item ES 2.7.1. Motion passed by unanimous voice vote with no abstentions.

Adjournment (Agenda Item 20)

Chair Flores adjourned the meeting at approximately 3:45 p.m.

Board materials and presentations from the meeting are available on ERCOT's website at https://www.ercot.com/committees/board.

Brandon Gleason	
Assistant Corporate Secretary	