



**DRAFT GENERAL SESSION MINUTES OF THE
TECHNOLOGY AND SECURITY COMMITTEE MEETING
OF ELECTRIC RELIABILITY COUNCIL OF TEXAS, INC.**

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

Pursuant to notice duly given and after determination that a quorum was present, the meeting of the Technology and Security (T&S) Committee of the Board of Directors (Board) of Electric Reliability Council of Texas, Inc. (ERCOT) convened on the above-referenced date.

Meeting Attendance:

Committee Members:

Director	Affiliation/Role (if any)	Voting Category
England, Julie	N/A	Voting
Swainson, John (Chair)	N/A	Voting
Vacant (due to recent resignation of Alex Hernandez)	N/A	N/A

Other Board Members:

Director	Affiliation/Role (if any)	Voting Category
Barkley, Benjamin	PUCT, Office of Public Interest Counsel	Non-Voting
Flores, Bill	N/A	Voting
Gleeson, Thomas	PUCT Executive Director	Non-Voting
Heeg, Peggy	N/A	Voting
Jackson, Kathleen	PUCT Commissioner	Non-Voting
Vegas, Pablo	ERCOT	Non-Voting

Officers and Guests:

Officer/Guest	Role
Bonser, Drew	ERCOT Vice President, Chief Information Security Officer
Collins, Keith	ERCOT Vice President, Commercial Operations
Gwinn, Diane	ERCOT Director, Corporate IT Services



Hjaltman, Courtney	PUCT Commissioner
Hobbs, Kristi	ERCOT Vice President, System Planning & Weatherization
Horton, Shana	ERCOT Corporate Counsel
Kansal, Prashant	ERCOT Director, Grid Transformation
Lassiter, Jason	ERCOT Director, Physical Security & Facilities
Mannepalli, Ajay	ERCOT Senior Director, IT Architecture and Strategy
Martinez, Adam	ERCOT Vice President, Enterprise Risk & Strategy
Mereness, Matt	ERCOT Senior Director, Strategic Mkt Design Programs and Delivery
Parakkuth, Jayapal	ERCOT Senior Vice President and Chief Digital Officer
Rickerson, Woody	ERCOT Senior Vice President & Chief Operations Officers
Rydell, Brandt	ERCOT Deputy General Counsel
Schue, Jamie	ERCOT Senior Corporate Counsel
Seely, Chad	ERCOT Senior Vice President, Regulatory Policy, General Counsel, Chief Compliance Officer, and Corporate Secretary
Tirupati, Venkat	ERCOT Vice President, DevOps and Grid Transformation
Webber, Michael E.	Guest Presenter, The University of Texas at Austin

Call General Session to Order (Agenda Item 1)

John Swainson, T&S Committee Chair, determined a quorum was present and called the T&S Committee meeting to order at approximately 8:31 a.m. PUCT Chairman Thomas Gleeson called an Open Meeting of the Public Utility Commission to order at approximately 8:31 a.m.

Chair Swainson highlighted the Antitrust Admonition and addressed the following Agenda Items in the order below.

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

Chair Swainson noted that the agenda for the meeting, posted publicly on June 16, 2025, had included instructions for members of the public wishing to provide in-person comments. However, no individuals had expressed interest in doing so, as confirmed by Shana Horton.

April 7, 2025, General Session Meeting Minutes (Agenda Item 3)

Chair Swainson entertained a motion to approve the April 7, 2025, General Session Meeting Minutes (Minutes).

Motion by Chair Swainson, seconded by Julie England, to approve the Minutes as presented. Motion passed by unanimous voice vote with no abstentions.

Emerging Technologies (Agenda Item 4)

Guest Presentation: Global Energy Trends and Transitions (Agenda Item 4.1)

Dr. Michael E. Webber of the University of Texas at Austin presented on “Global Energy Trends and Transitions” and engaged with Board members, highlighting the dynamic changes in the energy sector, focusing on demographic and technological trends. Dr. Webber noted historical energy transitions from wood to coal to petroleum and now natural gas and renewables, with the shift to cleaner energy sources leading to reduced carbon emissions and other pollutants despite economic and population growth. He stressed the need for new ideas and innovations in energy technologies, particularly in the context of long asset life and high costs. Dr. Webber mentioned that the world is in the midst of a 30-40 transition, with declining use of combustion engines and an increasing adoption of electric motors, with peak gasoline consumption having already occurred in major markets such as the United States and China. He stressed the importance of clean, firm energy sources like nuclear and geothermal, allowing that their deployment is slow. Dr. Webber noted how market tools such as demand response and rotational inertia markets could be effective in enhancing grid stability and efficiency. He commented that AI and data centers, while power hungry, offer opportunities for optimizing grid operations and discovering new energy solutions.

Committee Briefs (Agenda Item 5)

Projects and Technology Update (Agenda Item 5.1)

JP Parakkuth presented the Projects and Technology update. He reported annual project productivity is trending slightly lower, primarily due to saving resources for RTC+B. Even so, his team is setting new records for project labor hours, also primarily due to RTC+B. He also reported on releases for May through August, highlighting NPRR1253 Incorporate ESR Charging Load Information into ICCP & API.

Chair Swainson asked how much faster modeling will be once the application for PR494-01 Grid Planning in the Cloud is live. Mr. Parakkuth responded that it is a massive gain in efficiency. Chair Swainson asked him to quantify it because there may be a need to limit the Cloud’s use to control costs. Mr. Parakkuth noted that the Cloud Foundations project will include a governance framework to define those sorts of rules.

Real-Time Co-Optimization Implementation Update (Agenda Item 5.2)

Mr. Parakkuth presented the RTC+B Update. He reported all projects are on track and running under budget. They are underspending on plan defects and reworks, as the quality is better than expected resulting in dollars saved. He thanked Matt Mereness and his team for providing quality requirements and keeping the requirement flow under control. Mr. Parakkuth stated this must continue without major changes through the end of the project. Mr. Parakkuth and Committee and Board members discussed the ongoing need to effectively manage change and Market Participant feedback, and to avoid scope creep.

Grid Transformation Update (Agenda Item 5.3)

Venkat Tirupati presented the Grid Transformation Update, reporting on the progress of various technology initiatives, from proof of concept to implementation. He also reported on the success



of the Innovation Summit and feedback from participants, 99% of whom described it as either “excellent” or “good.” Improvements suggested included enhancing the format of panels and improving audience engagement, allowing time for more questions. Mr. Tirupati discussed with Committee and Board members appropriate staffing levels to execute on innovation initiatives.

Future Agenda Items (Agenda Item 6)

There was no discussion on Future Agenda Items.

Other Business (Agenda Item 7)

No other business was discussed at this time.

Executive Session; Vote on Matters from Executive Session; Adjournment (Agenda Items 8-9)

Chair Swainson adjourned General Session at approximately 9:44 a.m. and convened Executive Session at approximately 9:57 a.m.

There were no voting items from Executive Session.

Chair Swainson adjourned the meeting upon the conclusion of Executive Session at approximately 11:05 a.m. PUCT Chair Gleeson noted the PUCT had lost its quorum, effectively adjourning its meeting.

Committee materials and presentations from the meeting are available on ERCOT’s website at <https://www.ercot.com/committees/board/tech-security>.

Brandon Gleason
Assistant Corporate Secretary