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 1, 2026

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:

Present: Committee Members: John Swainson (Chair), Julie England, Bill Mohl, and Linda Capuano

Other Directors and Commissioners: Bill Flores, Peggy Heeg, Chris Krummel, Kathleen McAllister, Benjamin Barkley, Kathleen Jackson, Courtney Hjaltman, Thomas Gleeson, and Pablo Vegas

Attending: Marc Spieler (NVIDIA), Ahsan Yousufzai (NVIDIA), Chad Seely, Woody Rickerson, Jayapal Parakkuth, Jeff Billo, Drew Bonser, Venkat Tirupati, Keith Collins, Kristi Hobbs, Dan Woodfin, Mandy Bauld, Troy Anderson, Shawn Scott, Sreenivas Badri, Maya Nyalubwe, and Brandt Rydell

Convene General Session

The Technology and Security (T&S) Committee of the ERCOT Board of Directors convened in General Session at approximately 8:30 a.m.

Call General Session to Order (Agenda Item 1)

Chair John Swainson called the General Session of the T&S Committee to order, confirmed that a quorum was present, and stated that the meeting was being webcast live to the public. Chair Swainson noted that all Committee members were present. Public Utility Commission of Texas (PUCT) Chair Thomas Gleeson also called an open meeting of the PUCT to order to consider matters duly posted with the Secretary of State for June 1, 2026.

ERCOT Antitrust & Security Admonition

Chair Swainson reminded attendees of the ERCOT Antitrust Admonition and the security map included in the meeting materials.

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

The meeting agenda was posted publicly on May 22, 2026, providing instructions for public comment in person. Brandt Rydell confirmed that no requests for public comment had been received.

April 20, 2026 General Session Meeting Minutes (Agenda Item 3)

The Committee reviewed the April 20, 2026, General Session meeting minutes.

Motion: Julie England, seconded by Linda Capuano, moved to approve the April 20, 2026, General Session meeting minutes.

Key Decision: The motion passed by unanimous voice vote.

Increasing Compute Density, Agentic, and Physical Artificial Intelligence - How Flexible AI Factories Address Resiliency, Affordability, and Speed to Power (Agenda Item 4)

Marc Spieler and Ahsan Yousufzai of NVIDIA presented regarding artificial intelligence (AI) infrastructure, AI factories, increasing compute density, and the relationship between AI growth and electric grid planning.

Key Discussion Topics:

- Energy as a core layer of the AI technology stack and as a strategic input for AI factories;
- Flexible AI factory concepts, including the potential to shift, pause, schedule, or curtail certain AI workloads;
- Opportunities to increase tokens per watt through silicon, software, power-conversion, cooling, and full-stack infrastructure efficiencies;
- Industry efforts involving flexible data centers, demand response, telemetry, and coordination with grid operators;
- Potential reliability and affordability benefits associated with large-load flexibility, including a Duke University study cited in the presentation estimating that a 0.5% annual load-curtailment rate could enable approximately 10 GW of additional load in the ERCOT region;
- AI for energy applications, including domain-specific models, workforce enablement, resilience, reliability, safety, and sustainability; and
- Questions regarding data center infrastructure, supply chain, how ERCOT should assess the flexibility of large data center loads, and the relationship between hardware and software efficiency.

Committee members discussed the strategic importance of large-load growth and AI infrastructure and noted that these topics should continue to be monitored.

Committee Briefs (Agenda Item 5)

Projects and Technology Update (Agenda Item 5.1)

Mandy Bauld and Troy Anderson presented the Projects and Technology Update.

Key Discussion Topics:

- Increased project activity following the completion of Real-Time Co-optimization plus Batteries (RTC+B), with active project counts reported at record levels;
- Resource planning, project closures expected in coming months, and ongoing focus on matching project demand to available resources;
- Distribution of active projects between internal ERCOT business needs and externally focused grid, market, and commercial operations initiatives;
- Higher spend associated with internal initiatives, including DC6 (i.e., data center refresh) and Identity and Access Management work;
- Security-driven efforts embedded within the active project portfolio;
- Revision Requests pending project implementation, including the distinction between Revision Requests that require system projects and those that are language-only changes;
- Status of aging Revision Requests, including that the not-started backlog peaked at 70 items in early 2023 and had declined to 48 items as of the meeting; and
- The next prioritization discussion at Protocol Revision Subcommittee (PRS), candidate removals from the aging list, and continued prioritization around high-priority initiatives.

Committee discussion included whether certain aging items should be removed or revised and whether management required additional Board support. Management stated that the volume of projects and context switching across projects remained a key concern, but that no high-urgency issue requiring Board support had been identified and that work was generally on track.

Implementation Update (Agenda Item 5.2)

The Committee received implementation updates regarding key technology initiatives. Management noted that this was a new standing agenda item intended to provide additional visibility into implementation work associated with ERCOT technology initiatives.

ERCOT Website Redesign (Agenda Item 5.2.1)

Chad Seely and Shawn Scott presented the ERCOT Website Redesign update.

Key Discussion Topics:

- The website redesign as a 2026 ERCOT objective and key result and the first significant redesign in approximately 16 years, with deployment expected in the first quarter of 2027;
- Stakeholder feedback from market participants, legislative contacts, Board members, and the general public regarding website usability, navigation, searchability, clarity, and accessibility;
- Planned sandbox environments for user testing and stakeholder feedback during 2026;
- Design updates to simplify navigation, improve access for market participants, and digitize or improve access to ERCOT Nodal Protocols and Market Rules;
- Use of improved search capabilities, including plain-language and AI-enabled search functions; and
- Plans for structured feedback, surveys, and behavior monitoring to support continued website improvement.

Committee discussion included how ERCOT would collect, vet, and close the loop on feedback received through sandbox testing and other stakeholder-engagement mechanisms.

<u>New Market-Facing Functionalities—Large Load Curtailment Manager and Real Time Operation Communications Tool (Agenda Item 5.2.2)</u>

Sreenivas Badri, with support from Dan Woodfin in place of Jimmy Hartmann, presented the update regarding the Large Load Curtailment Manager (LLCM) and Real Time Operation Communications Tool (RTOC).

Key Discussion Topics:

- LLCM functionality to support Senate Bill 6-related large-load curtailment, including a phased implementation approach;
- Phase 1 focus on the Senate Bill 6 net-metering use case for large loads co-located with an existing Generating Resource, with delivery targeted for the end of June 2026;
- Tool functionality to identify applicable large-load groups, enter curtailment targets and deployment timing, issue curtailment instructions, and monitor performance in real time;
- Considerations for fair curtailment sequencing across multiple events and circumstances where geography or congestion may affect curtailment order;
- Use of large-load curtailment instructions to support reliability and potentially avoid entering an Energy Emergency Alert;
- RTOC as a tool to modernize real-time operating communications while retaining hotline calls as a backup;

- Market-participant engagement, proof-of-concept development, market testing, and development of related Protocol revisions, with the timing of parallel operations and go-live dependent on approval of the related Nodal Protocol Revision Request (NPRR); and
- RTOC messaging functionality, including templates, acknowledgments, notifications, audible alarms, and support for North American Electric Reliability Corporation (NERC) three-part communication requirements.

Committee members discussed operational readiness, phased rollout, and the practical operation of the tools.

Future Agenda Items (Agenda Item 6)

Jayapal Parakkuth reviewed Future Agenda Items. Discussion included continued interest in data center and large-load topics, including a potential future briefing regarding data center entities that plan to use behind-the-meter generation.

Other Business (Agenda Item 7)

No other business was raised.

Convene Executive Session

Chair Swainson adjourned General Session at approximately 10:03 a.m. Following a brief break, the Committee convened in Executive Session at approximately 10:08 a.m.

Adjournment (Agenda Item 8)

There were no voting items arising from Executive Session. General Session was not reconvened following Executive Session. The meeting adjourned at approximately 11:19 a.m.

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

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Brandon Gleason
Assistant Corporate Secretary