



**GENERAL SESSION MINUTES OF THE BOARD OF DIRECTORS MEETING OF
ELECTRIC RELIABILITY COUNCIL OF TEXAS, INC.**

Electric Reliability Council of Texas, Inc.
7620 Metro Center Drive, Room 206
Austin, Texas 78744
June 11, 2019 at 9:00 a.m.

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	Segment
Bluntzer, Rick	Just Energy Texas, LP	Independent Retail Electric Provider
Bulger, Terry	Unaffiliated	Unaffiliated Director
Cobos, Lori	Office of Public Utility Counsel (OPUC)	Consumer – Residential
Cramton, Peter	Unaffiliated	Unaffiliated Director
Crowell, Craven (Chairman)	Unaffiliated	Unaffiliated Director
Emery, Keith	Tenaska Power Services Co.	Independent Power Marketer
Fehrenbach, Nick	City of Dallas	Consumer – Commercial
Gresham, Kevin	E.ON North America, LLC	Independent Generator
Harper, Sam	Chaparral Steel Midlothian, LP	Consumer – Industrial
Karnei, Clifton	Brazos Electric Power Cooperative, Inc.	Cooperative
Magness, Bill	ERCOT	President and Chief Executive Officer (CEO)
Mercado, Kenny	CenterPoint Energy, Inc.	Investor-Owned Utility
Pfaffmann, Karl	Unaffiliated	Unaffiliated Director
Shellman, Carolyn	CPS Energy	Municipal
Walker, DeAnn	Public Utility Commission of Texas (PUCT, Commission)	Chairman
Walsh, Judy (Vice Chair)	Unaffiliated	Unaffiliated Director



Segment Alternates, Officers and Guests:

Berg, Bill	Exelon Corporation (Independent Generator Segment Alternate)
Botkin, Shelly	PUCT Commissioner
Cochran, Seth	DC Energy Texas, LLC (Independent Power Marketer Segment Alternate)
Coleman, Chris	ERCOT Senior Meteorologist
D'Andrea, Arthur	PUCT Commissioner
Day, Betty	ERCOT Vice President of Governance, Risk and Compliance and Chief Compliance Officer
Dreyer, Jerry	ERCOT Senior Vice President and Chief Information Officer
Gage, Theresa	ERCOT Vice President of External Affairs and Corporate Communications
Garza, Beth	Potomac Economics, ERCOT Independent Market Monitor (IMM), Director
Helton, Bob	ENGIE Resources LLC, Technical Advisory Committee (TAC) Chair
Leady, Vickie	ERCOT Assistant General Counsel and Assistant Corporate Secretary
Levine, Jonathan	ERCOT Senior Corporate Counsel
Mele, Cheryl	ERCOT Senior Vice President and Chief Operating Officer
Ögelman, Kenan	ERCOT Vice President of Commercial Operations
Petterson, Michael	ERCOT Vice President and Chief Financial Officer
Rickerson, Woody	ERCOT Vice President of Grid Planning and Operations
Ross, Ned	Direct Energy (Independent Retail Electric Provider Segment Alternate)
Schwartz, Mark	Golden Spread Electric Cooperative, Inc. (Cooperative Segment Alternate)
Seely, Chad V.	ERCOT Vice President, General Counsel and Corporate Secretary
Tamby, Jeyant	ERCOT Senior Vice President and Chief Administrative Officer
Woodfin, Dan	ERCOT Senior Director of System Operations

Call General Session to Order and Announce Proxies (Agenda Item 1)

Craven Crowell, Board Chairman, determined that a quorum was present and called the Board General Session meeting to order at approximately 9:00 a.m.

Chairman Crowell recognized DeAnn Walker, Chairman of the PUCT. Chairman Walker called an Open Meeting of the Commission in order to consider matters which had been duly posted with the Texas Secretary of State for June 11, 2019.

Chairman Crowell noted the Antitrust Admonition. He reported that Lori Cobos had been appointed by Texas Governor Greg Abbott and confirmed by the Texas Senate as Public Counsel for OPUC, and had correspondingly joined the Board as an *ex officio* Director. Chairman Crowell welcomed Ms. Cobos to her first meeting, and addressed the following Agenda Items in the order below.



Consent Agenda; Unopposed Revision Requests Recommended by Technical Advisory Committee (TAC) for Approval (Agenda Items 2, 2.1, and 2.1.1 – 2.1.13)

Chairman Crowell presented the Consent Agenda. Bill Magness reviewed the cost impacts of the Revision Requests on the Consent Agenda. There were no questions or comments from Board members. Chairman Crowell entertained a motion for the approval of the Consent Agenda as follows:

- NPRR885, Must-Run Alternative (MRA) Details and Revisions Resulting from PUCT Project No. 46369, Rulemaking Relating to Reliability Must-Run Service;
- NPRR896, Reliability Must-Run and Must-Run Alternative Evaluation Process;
- NPRR921, RTF-2 Elimination of the Terms All-Inclusive Generation Resource and All-Inclusive Resource;
- NPRR923, Revision to Weather Responsiveness Determination Process;
- NPRR924, Addition of Form to Section 23 – Independent Market Information System Registered Entity (IMRE) Application for Registration;
- NPRR926, Removal of 90-Day Period Between SSR Study Approval and Synchronization;
- NPRR929, PTP Obligations with Links to an Option DAM Award Eligibility;
- NOGRR185, Related to NPRR921, RTF-2 Elimination of the Terms All-Inclusive Generation Resource and All-Inclusive Resource;
- OBDRR013, Change to the Voltage Levels of Generic Transmission Shadow Prices Caps;
- OBDRR015, Linking of VOLL to the Effective SWCAP;
- PGRR069, Related to NPRR921, RTF-2 Elimination of the Terms All-Inclusive Generation Resource and All-Inclusive Resource;
- PGRR070, Revised Responsibilities for Performing Geomagnetic Disturbance (GMD) Vulnerability Assessments; and
- SCR799, ERCOT Outage Study Cases in the System Operations Test Environment (SOTE).

Clifton Karnei moved to approve the Consent Agenda as presented. Peter Cramton seconded the motion. The motion passed by unanimous voice vote with no abstentions.

April 9, 2019 General Session Meeting Minutes (Agenda Item 3)

Chairman Crowell entertained a motion to approve the April 9, 2019 General Session Meeting Minutes (Minutes).

Mr. Cramton moved to approve the Minutes as presented. Kenny Mercado seconded the motion. The motion passed by unanimous voice vote with two abstentions (Ms. Cobos and Karl Pfirrmann).

Chief Executive Officer (CEO) Presentation; CEO Update (Agenda Items 4 and 4.1)

Mr. Magness presented the CEO Update. He recognized several ERCOT employees for their contributions on the project to upgrade the Identity and Access Management (IAM) System. There were no questions or comments from Board members.

2019 Summer Outlook (Agenda Item 5)

Chairman Crowell invited Chris Coleman, Dan Woodfin, and Kenan Ögelman to present the 2019 Summer Outlook (Agenda Items 5.1-5.3 below).



2019 Summer Weather Update (Agenda Item 5.1)

Mr. Coleman presented the 2019 Summer Weather Update and responded to questions and comments from Board members.

2019 Summer Operations (Agenda Item 5.2)

Mr. Woodfin presented the 2019 Summer Operations report and responded to questions and comments from Board members.

2019 Summer Markets – Factors that Drive Pricing Outcomes (Agenda Item 5.3)

Mr. Ögelman presented the 2019 Summer Markets – Factors that Drive Pricing Outcomes. He also presented a summary of the May 30, 2019 pricing event caused by incorrect telemetry used in the Security-Constrained Economic Dispatch (SCED) engine. Mr. Ögelman responded to questions and comments from Board members and noted a revised presentation would be posted after the meeting.

Mr. Magness recognized Lindsey Hughes and Rob Orr for their work during the most recent session of the Texas Legislature.

Independent Market Monitor (IMM) Report (Agenda Item 6)

Beth Garza presented the IMM Report and responded to questions and comments from Board members.

TAC Report (Agenda Item 7)

Bob Helton, TAC Chairman, presented the TAC Report. There were no questions or comments from Board members.

Mr. Helton reported that Diana Coleman would be leaving her employment with OPUC, and accordingly would be resigning her position as TAC Vice Chair. Chairman Crowell thanked Ms. Coleman for her contributions as TAC Vice Chair.

Break

Chairman Crowell recessed the General Session for break at approximately 10:37 a.m. and reconvened the General Session at approximately 10:58 a.m.

Finance and Audit (F&A) Committee Report (Agenda Item 8)

Terry Bulger, F&A Committee Chairman, reported that the F&A Committee met the prior day and highlighted items discussed at the F&A Committee meeting. There were no questions or comments from Board members.

2020-2021 Budget and Fee (Agenda Item 8.1)

Mr. Bulger moved to approve the 2020-2021 Budget and Fee as recommended by the F&A Committee. Mr. Kamei seconded the motion. The motion passed by unanimous voice vote with no abstentions.



Human Resources and Governance (HR&G) Committee Report (Agenda Item 9)

Mr. Pfirrmann, HR&G Committee Chairman, reported that the HR&G Committee met the prior day and highlighted items discussed at the HR&G Committee meeting. There were no questions or comments from Board members.

Nominating Committee Report (Agenda Item 10)

Chairman Crowell, who also serves as Nominating Committee Chairman, reported that the Nominating Committee met the prior day and highlighted items discussed at the Nominating Committee meeting. There were no questions or comments from Board members.

Other Business (Agenda Item 11)

No other business was discussed at this time.

Executive Session; Vote on Matters from Executive Session; Adjournment (Agenda Items 12 and 13)

Chairman Crowell announced that no voting items from Executive Session were expected; accordingly, he would adjourn the meeting immediately upon conclusion of Executive Session. Chairman Crowell recessed General Session at approximately 11:04 a.m. to convene Executive Session at approximately 11:25 a.m.

There were no voting items from Executive Session.

Chairman Crowell adjourned the meeting upon the conclusion of Executive Session at approximately 12:49 p.m.

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


Vickie G. Leadý
Assistant Corporate Secretary