



**DRAFT 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  
April 4, 2017 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:**

<b>Director</b>	<b>Affiliation</b>	<b>Segment</b>
Baer, Tonya	Office of Public Utility Counsel	Consumer – Residential
Cramton, Peter	Unaffiliated	Unaffiliated Director <i>(Proxy for Karl Pfirrmann)</i>
Crowell, Craven (Chairman)	Unaffiliated	Unaffiliated Director
Durland, Jack	Valero Services, Inc.	Consumer – Industrial
Emery, Keith	Tenaska Power Services Co.	Independent Power Marketer
Fehrenbach, Nick	City of Dallas	Consumer – Commercial <i>(Proxy for Clifton Karnei)</i>
Jones, Randy	Calpine Corporation	Independent Generator
Magness, Bill	ERCOT	President and Chief Executive Officer (CEO)
Nelson, Donna	Public Utility Commission of Texas (PUCT)	Chairman
Shellman, Carolyn	CPS Energy	Municipal
Smith, Wade	American Electric Power Service Corporation	Investor-Owned Utility
Walsh, Judy (Vice Chair)	Unaffiliated	Unaffiliated Director
Werner, John	Source Power & Gas, LLC	Independent Retail Electric Provider

**Segment Alternates, Officers and Guests:**

Anderson, Kenneth	PUCT Commissioner <i>(Not Present for Agenda Items 1-3)</i>
Bluntzer, Rick	Just Energy Texas, LP (Independent Retail Electric Provider Segment Alternate)
Brandt, Adrienne	CPS Energy, Technical Advisory Committee (TAC) Chair



Cochran, Seth	DC Energy Texas, LLC (Independent Power Marketer Segment Alternate)
Day, Betty	ERCOT Vice President of Governance, Risk and Compliance and Chief Compliance Officer
Dreyer, Jerry	ERCOT Senior Vice President and Chief Information Officer
Garza, Beth	Potomac Economics, ERCOT Independent Market Monitor (IMM), Director
Gresham, Kevin	E.ON North America, LLC (Independent Generator Segment Alternate)
Helton, Bob	Dynegy Inc., TAC Vice Chair
Leady, Vickie	ERCOT Assistant General Counsel and Assistant Corporate Secretary
Levine, Jonathan	ERCOT Corporate Counsel
Mele, Cheryl	ERCOT Senior Vice President and Chief Operating Officer
Mercado, Kenny	CenterPoint Energy, Inc. (Investor-Owned Utility Segment Alternate)
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
Seely, Chad	ERCOT Vice President, General Counsel and Corporate Secretary
Williams, Diane M.	ERCOT Vice President of Human Resources
Williams, Phil	Denton Municipal Electric (Municipal Segment Alternate)
Woodfin, Dan	ERCOT Senior Director of System Operations
Yücel, Mine	Federal Reserve Bank of Dallas, Senior Vice President of Research

**Call General Session to Order, Announce Proxies and Segment Alternates (Agenda Item 1)**

Craven Crowell, Board Chairman, determined that a quorum was present and called the Board General Session meeting to order at approximately 9:02 a.m. He noted the Antitrust Admonition and announced that Cooperative Segment Director Clifton Karnei provided his proxy to Commercial Consumer Subsegment Director Nick Fehrenbach, and that Unaffiliated Director Karl Pfirrmann provided his proxy to Unaffiliated Director Peter Cramton. Chairman Crowell addressed the following Agenda Items in the order below.

**Consent Agenda; Unopposed Nodal Protocol Revision Requests (NPRRs) and Planning Guide Revision Requests (PGRRs) Recommended by Technical Advisory Committee (TAC) for Approval (Agenda Items 2, 2.1 and 2.1.1 - 2.1.13)**

Chairman Crowell entertained a motion for the approval of the Consent Agenda as follows:

- NPRR776, Voltage Set Point Communication;
- NPRR799, Updates to Outages of Transmission Facilities;
- NPRR802, Settlements Clean-up;
- NPRR804, Remove Posting Requirement for Private Use Network Diagrams;
- NPRR808, Three Year CRR Auction;



- NPPR810, Applicability of RMR Incentive Factor on Reservation and Transportation Costs Associated with Firm Fuel Supplies;
- NPPR812, Alignment of Currently Published Reports;
- NPPR813, Updated Terminology Related to Annual Market Settlement Operations Audits;
- NPPR818, Allow Curtailment of Certain DC Tie Load Prior to Declaring Emergency Condition – URGENT;
- NPPR809, GTC or GTL for New Generation Interconnection;
- PGRR052, Stability Assessment for Interconnecting Generation;
- PGRR054, Stability Limits in the Full Interconnect Study; and
- PGRR055, Planning Guide Revision Request Process.

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

### **February 14, 2017 General Session Meeting Minutes (Agenda Item 3)**

Chairman Crowell entertained a motion to approve the February 14, 2017 General Session Meeting Minutes (Minutes).

**Wade Smith moved to approve the Minutes as presented. Carolyn Shellman seconded the motion. The motion passed by unanimous voice vote with no abstentions.**

### **Chief Executive Officer (CEO) Presentation; CEO Update; Operations Report (Agenda Items 4 and 4.1 - 4.2)**

Bill Magness presented the CEO Update.

Chairman Crowell recognized Donna Nelson, Chairman of the PUCT. Chairman Nelson called an Open Meeting of the Commission in order to consider matters which had been duly posted with the Texas Secretary of State for April 4, 2017.

Mr. Magness continued with the CEO Update. As part of the update, he recognized Dan Woodfin for his recent national recognition by the Utility Variable-Generation Integration Group (UVIG). Mr. Magness noted that ERCOT was one of six groups honored and Mr. Woodfin, in particular, was recognized for sustained leadership in the integration of a large share of variable generation into ERCOT system operations. There were no questions or comments from Board members.

Mr. Magness presented the Operations Report. There were no questions or comments from Board members.

### **Overview of New Control Room Desk (Agenda Item 4.3)**

Mr. Woodfin presented the Overview of New Control Room Desk. Mr. Woodfin, Mr. Magness and Kenan Ögelman responded to questions and comments from Board members.

Board Vice Chair Judy Walsh commended Mr. Woodfin's UVIG award, which was mentioned previously by Mr. Magness.



### **Update on The Texas Economy (Agenda Item 5)**

Mine Yücel presented the Update on The Texas Economy and responded to questions and comments from Board members.

### **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 presented the TAC Report. There were no questions or comments from Board members.

### **Break**

Chairman Crowell recessed the General Session for break at approximately 10:30 a.m. and reconvened the General Session at approximately 10:44 a.m.

### **Multi-Interval Real-Time Market (MIRTM) Feasibility Study Update (Agenda Item 8)**

Mr. Ögelman presented the MIRTM Feasibility Study Update and responded to questions and comments from Board members.

### **Finance and Audit (F&A) Committee Report (Agenda Item 9)**

Vice Chair Walsh, who also serves as F&A Committee Chair, reported that the F&A Committee met the prior day and highlighted items discussed at the F&A meeting. There were no questions or comments from Board members.

### **Acceptance of Financial Statements Audit Report (Agenda Item 9.1)**

**Vice Chair Walsh moved to accept the Financial Statements Audit Report as recommended by the F&A Committee. Ms. Shellman seconded the motion. The motion passed by unanimous voice vote with no abstentions.**

### **Human Resources and Governance (HR&G) Committee Report (Agenda Item 10)**

Tonya Baer, HR&G Committee Vice Chair, 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 11)**

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.

### **Update on Results of Special Meeting of ERCOT Corporate Members for Election of Unaffiliated Directors (Agenda Item 12)**

Chad Seely presented the Update on Results of Special Meeting of ERCOT Corporate Members for Election of Unaffiliated Directors. There were no questions or comments from Board members.



**Other Business (Agenda Item 13)**

No other business was discussed at this time.

**Executive Session**

Chairman Crowell recessed General Session at approximately 11:06 a.m. and convened Executive Session at approximately 11:26 a.m. Chairman Crowell reconvened General Session at approximate 12:30 p.m.

**Vote on Matters from Executive Session (Agenda Item 14)**

Chairman Crowell entertained a motion for one matter discussed during Executive Session.

**Vice Chair Walsh moved to select the Independent Financial Auditor as recommended by the F&A Committee and as discussed during Executive Session. Ms. Shellman seconded the motion. The motion passed by unanimous voice vote with no abstentions.**

**Adjournment (Agenda Item 15)**

Chairman Crowell adjourned the meeting at approximately 12:32 p.m.

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

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Vickie G. Leady  
Assistant Corporate Secretary