



Control Number: 51812



Item Number: 181

Addendum StartPage: 0

Arthur C. D'Andrea  
Chairman



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Greg Abbott  
Governor

2021 MAR 22 PM 2:37


PUBLIC UTILITY COMMISSION  
FILING CLERK

Thomas Gleeson  
Executive Director

## Public Utility Commission of Texas

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**TO:** Central Records

**FROM:** Stephen Journey  
Commission Counsel 

**DATE:** March 22, 2021

**RE:** Project 51812, *Issues Related to the State of Disaster for the February 2021 Winter Weather Event*, Corrected Commission order directing action by ERCOT

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Please file a copy of the following orders issued by the Commission attached to this memorandum in the above referenced project. This corrected version replaces item number 31 filed in the above-referenced project on March 1, 2021.

Order of February 15, 2021 directing ERCOT to take action and granting exceptions to commission rules originally filed in Project 51617 on February 16, 2021.

Order of February 16, 2021 second directing ERCOT to take action and granting exceptions to commission rules originally filed in Project 51617 on February 16, 2021.

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PUC PROJECT NO. 51617

OVERSIGHT OF THE ELECTRIC § PUBLIC UTILITY COMMISSION  
RELIABILITY COUNCIL OF TEXAS §  
§ OF TEXAS

**ORDER DIRECTING ERCOT TO TAKE ACTION  
AND GRANTING EXCEPTION TO COMMISSION RULES**

On February 12, 2021, pursuant to Texas Government Code § 418.014, in response to an extreme winter weather event, Governor Greg Abbott issued a Declaration of a State of Disaster for all counties in Texas

Further, on February 15, 2021, the Electric Reliability Council of Texas, Inc. (ERCOT) declared its highest state of emergency, an Emergency Energy Alert Level 3 (EEA3), due to exceptionally high electric demand exceeding supply. ERCOT has directed transmission operators in the ERCOT region to curtail more than 10,000 megawatts (MW) of firm load. The ERCOT System is expected to remain in EEA3, and firm load shed is expected to continue, for a sustained period of time in light of the expected duration of the extreme weather event.

This Order addresses two significant market anomalies identified during this EEA3 event

**I. Energy Prices Lower than System-Wide Offer Cap During Load-Shed Event**

ERCOT has informed the Commission that energy prices across the system are clearing at less than \$9,000, which is the current system-wide offer cap pursuant to 16 TAC § 25.505(g)(6)(B). At various times today, energy prices across the system have been as low as approximately \$1,200. The Commission believes this outcome is inconsistent with the fundamental design of the ERCOT market. Energy prices should reflect scarcity of the supply. If customer load is being shed, scarcity is at its maximum, and the market price for the energy needed to serve that load should also be at its highest.

Utilities Code § 39.151(d) gives the Commission “complete authority” over ERCOT, the independent organization certified by the Commission pursuant to § 39.151. Further, 16 TAC § 25.501(a) provides that ERCOT determines market clearing prices of energy and other ancillary services in the ERCOT market unless “otherwise directed by the commission.”

Pursuant to this authority, the Commission determines that adjustments are needed to ERCOT prices to ensure they accurately reflect the scarcity conditions in the market. Accordingly, the Commission directs ERCOT to ensure that firm load that is being shed in EEA3 is accounted for in ERCOT's scarcity pricing signals. The Commission further directs ERCOT to correct any past prices such that firm load that is being shed in EEA3 is accounted for in ERCOT's scarcity pricing signals.

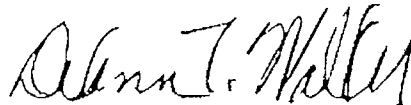
## II. Suspension of LCAP in Scarcity Pricing Mechanism Due to Abnormal Fuel Prices

ERCOT has informed the Commission that generator revenues are approaching the peaker net margin (PNM) threshold established in 16 TAC § 25.505(g)(6). That threshold is currently \$315,000/MW-year. As provided in §25.505(g)(6)(D), once the PNM threshold is achieved, the system-wide offer cap is set at the low system-wide offer cap (LCAP), which is is "the *greater* of" either "(i) \$2,000 per MWh and \$2,000 per MW per hour; or (ii) 50 times the natural gas price index value determined by ERCOT, expressed in dollars per MWh and dollars per MW per hour." Due to exceptionally high natural gas prices at this time, if the LCAP is calculated as "50 times the natural gas price index value," it may exceed the high system-wide offer cap (HCAP) of \$9,000 per MWh and \$9,000 per MW per hour. 16 TAC § 25.505(g)(6)

This outcome would be contrary to the purpose of the rule, which is to protect consumers from substantially high prices in years with substantial generator revenues. It would make little sense to expose consumers to prices that are *higher* than the usual maximum price after a generator revenue threshold has been achieved. Given the need to ensure appropriate energy prices to both consumers and generators during this system emergency, the Commission finds that, in accordance with 16 TAC §§ 22.5(a) and 25.3(b), a public emergency exists and good cause exists for granting an exception to 16 TAC § 25.505(g)(6)(A). On this basis, and because of the aforementioned concerns with the application of the LCAP, the Commission orders that ERCOT shall suspend any use of the LCAP until after the Commission's regularly-scheduled next open meeting, and that ERCOT shall continue to use the HCAP as the system-wide offer cap until that time.

Signed at Austin, Texas the 15th day of February 2021.

PUBLIC UTILITY COMMISSION OF TEXAS




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DEANN T. WALKER, CHAIRMAN



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ARTHUR C. D'ANDREA, COMMISSIONER



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SHELLY BOTKIN, COMMISSIONER



PUC PROJECT NO. 51617

OVERSIGHT OF THE ELECTRIC  
RELIABILITY COUNCIL OF TEXAS

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PUBLIC UTILITY COMMISSION  
OF TEXAS

**SECOND ORDER DIRECTING ERCOT TO TAKE ACTION  
AND GRANTING EXCEPTION TO COMMISSION RULES**

On February 12, 2021, pursuant to Texas Government Code § 418.014, in response to an extreme winter weather event, Governor Greg Abbott issued a Declaration of a State of Disaster for all counties in Texas.

Further, on February 15, 2021, the Electric Reliability Council of Texas, Inc. (ERCOT) declared its highest state of emergency, an Emergency Energy Alert Level 3 (EEA3), due to exceptionally high electric demand exceeding supply. ERCOT has directed transmission operators in the ERCOT region to curtail more than 10,000 megawatts (MW) of firm load. The ERCOT System is expected to remain in EEA3, and firm load shed is expected to continue, for a sustained period of time in light of the expected duration of the extreme weather event.

This Order addresses two significant market anomalies identified during this EEA3 event.

**I. Energy Prices Lower than System-Wide Offer Cap During Load-Shed Event**

ERCOT has informed the Commission that energy prices across the system are clearing at less than \$9,000, which is the current system-wide offer cap pursuant to 16 TAC § 25.505(g)(6)(B). At various times today, energy prices across the system have been as low as approximately \$1,200. The Commission believes this outcome is inconsistent with the fundamental design of the ERCOT market. Energy prices should reflect scarcity of the supply. If customer load is being shed, scarcity is at its maximum, and the market price for the energy needed to serve that load should also be at its highest.

Utilities Code § 39.151(d) gives the Commission “complete authority” over ERCOT, the independent organization certified by the Commission pursuant to § 39.151. Further, 16 TAC § 25.501(a) provides that ERCOT determines market clearing prices of energy and other ancillary services in the ERCOT market unless “otherwise directed by the commission.”

Pursuant to this authority, the Commission determines that adjustments are needed to ERCOT prices to ensure they accurately reflect the scarcity conditions in the market. Accordingly, the Commission directs ERCOT to ensure that firm load that is being shed in EEA3 is accounted for in ERCOT's scarcity pricing signals. However, the Commission determines that its directive to ERCOT in its order dated February 15 to also correct any past prices to account for load shed in EEA3 should be and is hereby rescinded and directs ERCOT to not correct any such past practices.

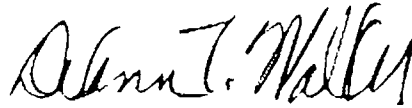
## **II. Suspension of LCAP in Scarcity Pricing Mechanism Due to Abnormal Fuel Prices**

ERCOT has informed the Commission that generator revenues are approaching the peaker net margin (PNM) threshold established in 16 TAC § 25.505(g)(6). That threshold is currently \$315,000/MW-year. As provided in §25.505(g)(6)(D), once the PNM threshold is achieved, the system-wide offer cap is set at the low system-wide offer cap (LCAP), which is is “the *greater* of” either “(i) \$2,000 per MWh and \$2,000 per MW per hour; or (ii) 50 times the natural gas price index value determined by ERCOT, expressed in dollars per MWh and dollars per MW per hour.” Due to exceptionally high natural gas prices at this time, if the LCAP is calculated as “50 times the natural gas price index value.” it may exceed the high system-wide offer cap (HCAP) of \$9,000 per MWh and \$9,000 per MW per hour. 16 TAC § 25.505(g)(6).

This outcome would be contrary to the purpose of the rule, which is to protect consumers from substantially high prices in years with substantial generator revenues. It would make little sense to expose consumers to prices that are *higher* than the usual maximum price after a generator revenue threshold has been achieved. Given the need to ensure appropriate energy prices to both consumers and generators during this system emergency, the Commission finds that, in accordance with 16 TAC §§ 22.5(a) and 25.3(b), a public emergency exists and good cause exists for granting an exception to 16 TAC § 25.505(g)(6)(A). On this basis, and because of the aforementioned concerns with the application of the LCAP, the Commission orders that ERCOT shall suspend any use of the LCAP until after the Commission's regularly-scheduled next open meeting, and that ERCOT shall continue to use the HCAP as the system-wide offer cap until that time.

Signed at Austin, Texas the 16th day of February 2021.

PUBLIC UTILITY COMMISSION OF TEXAS



DEANN T. WALKER, CHAIRMAN



ARTHUR C. D'ANDREA, COMMISSIONER

Commissioner Botkin abstains for the portion of this order that rescinds the Commission's directive to ERCOT in its order dated February 15 to also correct any past prices to account for load shed in EEA3 and the portion that directs ERCOT to not correct any such past practices. In all other aspects, Commissioner Botkin joins in this Order.



SHELLY BOTKIN, COMMISSIONER