

Date: April 21, 2022
To: ERCOT Board of Directors
From: Clif Lange, Technical Advisory Committee (TAC) Chair
Subject: Minimum Duration Threshold for Energy Storage Resources (ESRs) related to Planning Guide Section 4.1.1.7, Minimum Deliverability Criteria

Issue for the ERCOT Board of Directors

ERCOT Board of Directors Meeting Date: April 28, 2022

Item No.: 6.2

Issue:

Whether the Board of Directors (Board) of Electric Reliability Council of Texas, Inc. (ERCOT) should approve a minimum duration threshold for Energy Storage Resources (ESRs) of two hours; and lower duration Resources be prorated to their continuous Real Power capability for two hours.

Background/History:

At its March 31, 2022 Open Meeting, the Public Utility Commission of Texas (PUCT) approved Planning Guide Revision Request (PGRR) 095, Establish Minimum Deliverability Criteria, effective upon system implementation.

As specified in paragraph (5) of Planning Guide Section 4.1.1.7, Minimum Deliverability Criteria, the Board is required to approve minimum duration threshold for ESRs following a recommendation by TAC:

- (5) ERCOT-proposed revisions to the minimum percentage of capacity or minimum duration threshold for ESRs used to implement the requirements of this Section will be recommended by the Technical Advisory Committee (TAC) and approved by the ERCOT Board.
 - (a) ERCOT will post the current values approved by the ERCOT Board pursuant to paragraph (5) above on the ERCOT website.

On 4/13/22, TAC voted to recommend approval of a minimum duration threshold for ESRs of 2 hours; and lower duration Resources be prorated to their continuous Real Power capability for 2 hours. There was one abstention from the Independent Generator (Luminant) Market Segment.

Key Factors Influencing Issue:

TAC voted to recommend approval of a minimum duration threshold for ESRs of 2 hours; and lower duration Resources be prorated to their continuous Real Power capability for 2 hours.

Conclusion/Recommendation:

As more specifically described above, TAC recommends that the Board approve a minimum duration threshold for ESRs of 2 hours; and lower duration Resources be prorated to their continuous Real Power capability for 2 hours.

ELECTRIC RELIABILITY COUNCIL OF TEXAS, INC.
BOARD OF DIRECTORS RESOLUTION

WHEREAS, paragraph (5) of Planning Guide Section 4.1.1.7, Minimum Deliverability Criteria, requires the Board of Directors (Board) of Electric Reliability Council of Texas, Inc. (ERCOT) to review and approve the minimum duration threshold for ESRs;

WHEREAS, the Technical Advisory Committee (TAC) has recommended that the Board approve a minimum duration threshold for ESRs of 2 hours; and lower duration Resources be prorated to their continuous Real Power capability for 2 hours; and

WHEREAS, the after due consideration of the alternatives, the Board deems it desirable and in ERCOT's best interest to approve a minimum duration threshold for ESRs of 2 hours; and lower duration Resources be prorated to their continuous Real Power capability for 2 hours, as recommended by TAC;

THEREFORE be it RESOLVED, that the Board hereby approves that the minimum duration threshold for ESRs of 2 hours; and lower duration Resources be prorated to their continuous Real Power capability for 2 hours; as recommended by TAC, as required by paragraph (5) of Planning Guide Section 4.1.1.7.

CORPORATE SECRETARY'S CERTIFICATE

I, Jonathan M. Levine, Assistant Corporate Secretary of ERCOT, do hereby certify that, at its April 28, 2022 meeting, the Board passed a motion approving the above Resolution by _____.

IN WITNESS WHEREOF, I have hereunto set my hand this ____ day of April 2022.

Jonathan M. Levine
Assistant Corporate Secretary