

Coordination Plan

This Coordination Plan (“Plan”) is created by Electric Reliability Council of Texas, Inc. (“ERCOT”), a Texas non-profit corporation, and Midcontinent Independent System Operator, Inc. (“MISO”), a Delaware non-stock, not-for-profit corporation. ERCOT and MISO may be hereinafter referred to in this Plan individually as a “Party” and collectively as the “Parties.”

MISO and ERCOT act as the Reliability Coordinators (RC) and Balancing Authorities (BA) for their respective RC and BA Areas, as those terms are defined in the North American Electric Reliability Corporation (NERC) Glossary of Terms and as used in the NERC Reliability Standards.

The Parties desire to establish mutually agreeable operational procedures with respect to the matters described herein.

This Plan terminates ERCOT’s participation in the Dual Grid Operations of Tenaska Frontier Generation document (“Operating Document”) made by and between the Parties on or about October 3, 2013. The Parties hereby acknowledge that effective immediately, ERCOT has withdrawn from and is no longer a party to the Operating Document.

Purpose

The purpose of this Plan is to establish mutually agreeable operational procedures with respect to switchable generation resources and block load transfers in connection with Emergency Conditions in both the ERCOT and MISO regions. This Plan does not create any legal obligation for either Party, and the Parties hereby waive any right to seek enforcement of any term in this Plan. Either Party may cease participation in this Plan upon email or U.S. mail notice to the other Party’s contact for legal notices identified in Exhibit A.

1. Switchable Generation Resources

1.1 Definition of Switchable Generation Resource

For purposes of this Plan, a Switchable Generation Resource (“SWGR”) is a generating unit that is capable of nonsimultaneous synchronization with both the Texas Interconnection and the Eastern Interconnection. SWGRs are listed in Exhibit B.

1.2 Controlling Party

Except following any Release as described in this Plan and for the duration of any Emergency Condition necessitating such Release, any SWGR that is synchronously connected to the MISO system will be understood to be under the operational control of MISO, and any SWGR that is synchronously connected to the ERCOT system will be understood to be under the operational control of ERCOT. The Party that is assigned operational control of the SWGR pursuant to this paragraph is the “Controlling Party” for purposes of this Plan.

1.3 Requesting Party

The Party requesting the transition of control of an SWGR to prevent or address an Emergency Condition is the “Requesting Party” for purposes of this Plan.

1.4 SWGR Switching

1.4.1 For purposes of this Plan, “SWGR Switching” or “Switch” means the disconnection of any SWGR from the MISO system or ERCOT system and the subsequent synchronization of the SWGR with the other system.

1.4.2 The following provisions apply to any Switch initiated by either Party:

1.4.2.1 For purposes of this Plan, “Emergency Condition” is defined as any operating condition that poses a threat to the reliability of all or a portion of the Party’s system, as determined by that Party. An Emergency Condition may be transmission-related or capacity-related.

1.4.2.2 For purposes of this Plan, “Release” is defined as the Controlling Party notifying the operator of the SWGR that it is no longer subject to the operational control of the Controlling Party and that it is now subject to the operational control of the Requesting Party. Release shall not be construed to alter or waive any regulatory, compliance, or financial obligation or responsibility of any party, including SWGR owners and operators.

1.4.2.3 If MISO determines that an SWGR operating in the ERCOT system would assist in mitigating an existing or anticipated Emergency Condition, MISO may contact ERCOT to request that ERCOT Release one or more SWGRs. Upon receiving such a request and completing any necessary studies, ERCOT will promptly Release the SWGR if ERCOT determines that doing so would not cause or exacerbate an Emergency Condition for the ERCOT system. In communicating the Release, ERCOT will notify the SWGR operator that MISO has requested Release of the SWGR to address an existing or anticipated Emergency Condition. Following issuance of the Release, ERCOT will promptly notify MISO that it has Released the SWGR. Upon receiving notification of the Release from ERCOT, MISO may issue Operating Instructions to the SWGR operator. ERCOT may revoke the Release under Section 1.4.2.6 or recall the SWGR under Section 1.4.2.7.

1.4.2.4 If ERCOT determines that an SWGR operating in the MISO system would assist in mitigating an existing or anticipated Emergency Condition, ERCOT may contact MISO to request that MISO Release one or more SWGRs. Upon receiving such a request and completing any necessary studies, MISO will

promptly Release the SWGR if MISO determines that doing so would not cause or exacerbate an Emergency Condition for the MISO system. In communicating the Release, MISO will notify the SWGR operator that ERCOT has requested Release of the SWGR to address an existing or anticipated Emergency Condition. Following issuance of the Release, MISO will promptly notify ERCOT that it has Released the SWGR. Upon receiving notification of the Release from MISO, ERCOT may issue Operating Instructions to the SWGR operator. MISO may revoke the Release under Section 1.4.2.6 or recall the SWGR under Section 1.4.2.7.

- 1.4.2.5 The Requesting Party will notify the Controlling Party and the SWGR operator when the Emergency Condition(s) that prompted the request no longer exist.
- 1.4.2.6 At any time after a Party Releases an SWGR but before the SWGR disconnects from that Party's system, if that Party determines that the SWGR is needed to mitigate a previously unidentified actual or anticipated Emergency Condition, then the Party may revoke the Release by notifying the other Party that the Release is being revoked due to an Emergency Condition. After this notification, the revoking Party will promptly notify the SWGR operator of the revocation. Notwithstanding the above, the ability of a Primary Party, as defined in Section 1.4.2.7, to recall a Release is governed by Section 1.4.2.7.
- 1.4.2.7 Where some or all of an SWGR's capacity has been nominated by the SWGR owner or operator to satisfy supply adequacy or capacity planning requirements in one Party's region, the Party for whose purposes the capacity has been nominated ("Primary Party") may recall the SWGR from the other Party ("Secondary Party") in the event the SWGR is operating in, or Switching to, the Secondary Party's region and the Primary Party experiences or anticipates an Emergency Condition. Upon notification from the Primary Party that the SWGR is needed in the Primary Party's region to address an existing or anticipated Emergency Condition, the Secondary Party will Release the SWGR as soon as possible, even if doing so would require controlled load shed by the Secondary Party. If the SWGR has not been nominated by the SWGR owner or operator to satisfy either Party's supply adequacy or capacity planning requirements, the Party to which the SWGR is connected has authority to approve or deny a requested Release based on a determination that the Release could cause or exacerbate an Emergency Condition, consistent with sections 1.4.2.3 and 1.4.2.4, above. Primary Party status is identified in Exhibit B.

2. Block Load Transfers

- 2.1 ERCOT and MISO will facilitate block load transfers ("BLTs") between their respective RC Areas as necessary, provided that BLTs do not cause an Emergency Condition in either RC Area. BLTs are identified in Exhibit B.
- 2.2 If either Party determines that a BLT may cause an Emergency Condition on its system, the Party may refuse to accept the BLT.

2.3 The Party transferring load will confirm the BLT availability with the Party accepting the load before any BLT implementation.

2.4 The Parties will coordinate the curtailment or termination of a BLT to mitigate any Emergency Condition on their respective systems that arises due to the BLT.

3. Additional Provisions

3.1 The Parties will communicate in accordance with good utility practice. For purposes of all real-time operational communications under this Plan, each Party will use the "On-Shift RC Desk Telephone" number provided by the other Party in accordance with Section 4 of this Plan.

3.2 This Plan does not constitute a contract, partnership, joint venture, agency, or employment agreement between ERCOT and MISO, but represents the mutual understanding of the Parties concerning the issues identified herein.

3.3 This Plan may be amended only in writing if agreed by all Parties.

3.4 This Plan is made solely for the benefit of the Parties hereto and their successors and permitted assigns, and no other person, including but not limited to member organizations of the Parties, shall have any rights, interest, or claims hereunder, or otherwise be entitled to any benefits under or on account of this Plan as third party beneficiary or otherwise.

4. Contact Information

4.1 The Parties will complete and exchange the contact information set forth in Exhibit A immediately upon execution of this Plan. Each Party will promptly update its contact information with the other Party as necessary by sending an email with the updated information to the designated shift supervisor contact for the other Party. The other Party will confirm receipt of the updated contact information.

5. Updates to Exhibit B

5.1 The Parties shall review and update the information contained in Exhibit B as necessary in order to maintain the accuracy of Exhibit B.

[Signature Page Follows]

In witness whereof, the signatories hereto have caused this Plan to be executed by their duly authorized officers.

Electric Reliability Council of Texas, Inc.

Midcontinent Independent System Operator, Inc.

Signature:



Signature:



Printed Name: Woody Rickerson

Printed Name: Robert Benbow

Date:

3/27/2019

Date:

3/14/2019

Title: Vice President, Grid Planning and Operations

Title: Executive Director for System Operations - Energy

Exhibit A – CONTACT INFORMATION TEMPLATE

Operations Notices

Operations Main Telephone: [TELEPHONE]

On-Shift RC Desk Telephone: [TELEPHONE]

On-Shift RC Fax: [FAX]

On-Shift RC E-mail: [EMAIL]

Primary Shift Supervisor: [NAME]

Shift Supervisor Telephone: [TELEPHONE]

Shift Supervisor Email: [EMAIL]

Secondary Shift Supervisor: [NAME]

Shift Supervisor Telephone: [TELEPHONE]

Shift Supervisor Email: [EMAIL]

Manager of Systems Operations: [NAME]

Manager of System Operations Telephone: [TELEPHONE]

Manager of System Operations Email: [EMAIL]

Legal and Other General Notices

Email:

Mailing Address:

[NAME]

[TITLE]

[COMPANY]

[ADDRESS]

[CITY, STATE ZIP]

Telephone: [TELEPHONE]

Exhibit B

Switchable Generation Resources

Unit Name	ERCOT Unit Code	MISO Unit Code	Winter/Summer MW	Section 1.4.2.7 Primary Party
TENASKA FRONTIER STATION CTG 1	FTR_FTR_G1		180/160	ERCOT
TENASKA FRONTIER STATION CTG 2	FTR_FTR_G2		180/160	ERCOT
TENASKA FRONTIER STATION CTG 3	FTR_FTR_G3		180/160	ERCOT
TENASKA FRONTIER STATION CTG 4	FTR_FTR_G4		400/400	ERCOT
TENASKA FRONTIER STATION	FTR_FTR_UNAV AIL		300/300	MISO

Block Load Transfers

BLT LOCATION	ERCOT SUB	MISO SUB	MW
Roans Prairie BEPC (2401)	RPR		6.5
Roans Prairie BEPC (2403)	RPR		4.5
Bedias	BED		1.3
Crosby	BL_CS1		137
City of College Station ETI	BL_CSSWC		100/170