Missouri River Energy Services Planning Criteria for facilities in the Southwest Power Pool Footprint

3/28/2018

Effective Immediately

REV.	DATE	BY	CHANGES
1	3/29/16	Richard Dahl	Original Issue
1.1	5/25/16	Richard Dahl	Clarification on high voltage post contingent criterion.
1.2	3/28/18	Andrew Berg	Removal of the Rev 1.1 language due to the additional intro language in the UMZ Reliability Criteria Manual

1.0 Introduction

Missouri River Energy Services (MRES) is a Transmission Owner (TO) in both the Southwest Power Pool (SPP) and Midcontinent Independent System Operator (MISO) footprint for facilities owned by MRES/ Western Minnesota Municipal Power Agency (WMMPA) and for some owned by municipal utility members of MRES. These facilities are collective discussed as "MRES facilities" herein.

This document only addresses facilities in the SPP footprint. A separate document is available for the MRES facilities in the MISO footprint, and this document is posted in the planning area of the MISO web-site. This effectively translates into that this planning criteria document is applicable to all MRES facilities in the WAPA Upper Great Plains Local Balancing Authority.

MRES facilities in the SPP footprint is not set of contiguous facilities. They are rather spread throughout the transmission system in the Western Area Power Administration (WAPA) Upper Great Plains local balancing area and very integrated with facilities belonging to different entities in the WAPA area including those of WAPA, Basin Electric Power Cooperative (BEPC), Heartland Consumers Power District (HCPD), Northwestern Iowa Power Cooperative (NIPCO) and Lyon & Osceola Power Cooperative (L&O).

With the noncontiguous nature of the MRES facilities and integration with the larger surrounding system owned by other entities the MRES planning criteria philosophy is to follow the planning criteria governing the surrounding system.

2.0 Planning Criteria

MRES facilities will follow the planning criteria of the entities that the individual facilities are connected to. For 115 kV and higher voltages this will mean WAPA and as applicable BEPC planning criteria at present. For 69 kV facilities, any unique planning criteria to the local 69 kV cooperative that MRES facilities are integrated with would apply.

As an informational note: MRES facilities may have different Facility Ratings Methodologies (FRM) than that of WAPA or other entities in the footprint surround MRES facilities. The FRMs themselves are not part of the planning criteria.

Any exceptions to this are documented here:

- No Exceptions.

3.0 Contact Information

Any questions related to MRES transmission planning criteria should be directed to:

Terry Wolf, Manager of Transmission Services, terry.wolf@mrenergy.com

and

Richard Dahl, Senior Transmission Engineer, richard.dahl@mrenergy.com.