

## PRC-021-AB-1 Under Voltage Load Shedding Program Data

### 1. Purpose

The purpose of this *reliability standard* is to ensure data is provided to support the WECC database maintained for UVLS programs.

### 2. Applicability

This reliability standard applies to:

- TFOs and demand customers that own a UVLS system.
- ISO

### 3. Definitions

Italicized terms used in this *reliability standard* have the meanings as set out in the Alberta Reliability Standards Glossary of Terms and Part 1 of the ISO Rules.

### 4. Requirements

- R1** The ISO must update its UVLS data annually to support the WECC UVLS database.
- R2** The ISO must provide the following data to the WECC for each installed UVLS system in Alberta that is in the WECC UVLS database:
- Size and location of *load*, or percent of connected *load*, to be interrupted
  - Corresponding voltage set points and overall scheme clearing times.
  - Time delay from initiation to trip signal.
  - Breaker operating times.
  - Any other schemes that are part of or impact the UVLS programs, including without limitation related generation protection, islanding schemes, automatic *load* restoration schemes, UFLS and RAS (identified as *special protection systems* by WECC).
- R3** TFOs and demand customers must upon request by the ISO, provide UVLS data to the ISO; provided that the TFO or demand customer may meet this requirement R3 by providing UVLS data in accordance with ISO rules.
- R4** The ISO must provide its UVLS data to the WECC within 30 calendar days of a written request to do so from WECC.

### 5. Processes and Procedures

No procedures have been defined for this *reliability standard*.

**6. Measures**

The following measures correspond to the requirements identified in Section 4 of this *reliability standard*. For example, MR1 is the measure for R1.

- MR1** Evidence that the *UVLS* data update process was completed within 12 months of the previous update.
- MR2** Written confirmation from *WECC* that *UVLS* data was received.
- MR3** Written confirmation from the *ISO* that *UVLS* data was received.
- MR4** Written confirmation from *WECC* that data was received within 30 calendar *days* of a request.

**7. Appendices**

No appendices have been defined for this *reliability standard*.

**8. Guidelines**

No guidelines have been defined for this *reliability standard*.

**Revision History**

Effective	Description
0000-00-00	
0000-00-00	