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## **PRC-010-AB-0 Assessment of the Design and Effectiveness of UVLS Program**

### **1. Purpose**

The purpose of this *reliability standard* is to ensure the effectiveness of each *UVLS* program.

### **2. Applicability**

This *reliability standard* applies to:

- *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 conduct and document an assessment of the effectiveness of each *UVLS* program every five years. In the event the AESO determines that conditions affecting the *UVLS* operation have occurred, it may conduct and document an assessment within such five year period as it deems appropriate.

**R2** The assessment of the effectiveness of each *UVLS* program must include without limitation, the following:

- Coordination of the *UVLS* programs with other protection and control systems in the *WECC* as appropriate.
- Simulations that demonstrate that the performance of each *UVLS* program is consistent with *reliability standards* TPL-001-AB-0, TPL-002-AB-0, TPL-003-AB-0 and TPL-004-AB-0.
- A review of the voltage set points and timing

**R3** The *ISO* must provide documentation of its most recent assessment of *UVLS* programs to *WECC* on request and within the timeframe agreed to by the *ISO* and *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.

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- MR1** Documentation of the most recent assessment of the effectiveness of each *UVLS* program exists and was carried out within the last five years.
- MR2** Documentation of the most recent assessment includes the elements of R2.
- MR3** Written confirmation from *WECC* that the documentation requested by it pursuant to R3 has been received.

### **7. Appendices**

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

### **8. Guidelines**

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

### **Revision History**

<b>Effective</b>	<b>Description</b>
0000-00-00	
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