

IRO-006-WECC-AB-1 Qualified Transfer Path Unscheduled Flow Relief

1. Purpose

The purpose of this *reliability standard* is to mitigate transmission overloads due to unscheduled flow on *qualified transfer paths*.

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 approve *schedule* curtailment requests submitted to mitigate transmission overloads on *qualified transfer paths*, implement alternative actions, or a combination thereof that collectively meets the *relief requirement*.

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 *E-tags*, voice recordings or operator logs exist and are provided on request. *E-tags*, voice recordings or operator logs contain content confirming requirement R1 is met.

7. Appendices

Appendix 1 – WECC Unscheduled Flow Mitigation Summary of Actions (see below)

8. Guidelines

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

Revision History

Effective	Description
2009-00-00	

Appendix 1 – WECC Unscheduled Flow Mitigation Summary of Actions

Step	Action Description	Unscheduled Flow Accommodation across Path	Equivalent Percent Curtailment Required in <i>Contributing Schedule</i> - Based on amount of Unscheduled Flow across the <i>Qualified Transfer Path</i> (Transfer Distribution Factor)				
			10-14%	15 – 19%	20 – 29%	30 – 49%	50+ %
1	Operate controllable devices in path						
2	Accommodation	50 MW or 5% of maximum transfer limit					
3	Coordinated operation of <i>qualified controllable devices</i>	50 MW or /5% of maximum transfer limit					
4	First level curtailment	50 MW or 5% of maximum transfer limit				10%	20%
5	Second level curtailment	50 MW or 5% of maximum transfer limit			10%	15%	25%
6	Accommodation	75 MW or 6% of maximum transfer limit			10%	15%	25%
7	Third level curtailment	75 MW or 6% of maximum transfer limit		10%	15%	20%	30%
8	Accommodation	100 MW or 7% of maximum transfer limit		10%	15%	20%	30%
9	Fourth level curtailment	100 MW or 7% of maximum transfer limit	10%	15%	20%	25%	35%