

## WECC Standard IRO-006-WECC-2 – Qualified Transfer Path Unscheduled Flow (USF) Relief

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### A. Introduction

1. **Title:** Qualified Transfer Path Unscheduled Flow (USF) Relief
2. **Number:** IRO-006-WECC-2
3. **Purpose:** Mitigation of transmission overloads due to unscheduled flow on Qualified Transfer Paths.
4. **Applicability**
  - 4.1. Balancing Authority
  - 4.2. Reliability Coordinator
5. **Effective Date**~~\*: On the latter of the first day of the first quarter at least 45 days after Regulatory approval, or upon complete implementation of applicable webSAS changes and FERC approval of this standard and the revised Unscheduled Flow Mitigation Plan Documents.~~

### B. Requirements

- R1. Each Reliability Coordinator shall approve or deny a request within five minutes of receiving the request for unscheduled flow transmission relief from the Transmission Operator of a Qualified Transfer Path that will result in the calculation of a Relief Requirement. *[Violation Risk Factor: Medium] [Time Horizon: Real-time Operations]*
- R2. Each Balancing Authority shall perform any combination of the following actions meeting the Relief Requirement upon receiving a request for relief as described in Requirement R1: *[Violation Risk Factor: Medium] [Time Horizon: Real-time Operations]*
  - Approve curtailment requests to the schedules as submitted
  - Implement alternative actions

### C. Measures

- M1. The Reliability Coordinator shall have evidence that it approved or denied the request within five minutes of receiving a request for relief, in accordance with Requirement R1. Evidence may include, but is not limited to, documentation of either an active or passive approval.
  - M1.1.1 Each Balancing Authority shall have evidence that it provided the Relief Requirement through Contributing Schedules curtailments, alternative actions, or a combination that collectively meets the Relief Requirement as directed in Requirement R.2.

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**D. Compliance**

**1. Compliance Monitoring Process:**

**1.1. Compliance Enforcement Authority**

The British Columbia Utilities Commission

**1.2. Evidence Retention:**

The following evidence retention periods identify the period of time an entity is required to retain specific evidence to demonstrate compliance. For instances where the evidence retention period specified below is shorter than the time since the last audit, the Compliance Enforcement Authority may ask an entity to provide other evidence to show that it was compliant for the full time period since the last audit.

- Each Balancing Authority and Reliability Coordinator shall keep data or evidence to show compliance as identified below unless directed by its Compliance Enforcement Authority to retain specific evidence for a longer period of time as part of an investigation.
- The Balancing Authority and Reliability Coordinator shall retain data or evidence for three calendar years or for the duration of any Compliance Enforcement Authority investigation; whichever is longer.
- If a Balancing Authority or Reliability Coordinator is found non-compliant, it shall keep information related to the non-compliance until found compliant or for the duration specified above, whichever is longer.

The Compliance Enforcement Authority shall keep the last audit records and all requested and submitted subsequent audit records.

**1.3. Compliance Monitoring and Assessment Processes:**

- Compliance Audit
- Self-Certification
- Spot Checking
- Compliance Investigation
- Self-Reporting
- Complaint

**1.4. Additional Compliance Information:**

Compliance shall be determined by a single event, per path, per calendar month (at a minimum) provided at least one event occurs in that month.

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**Version History**

<b>Version</b>	<b>Date</b>	<b>Action</b>	<b>Change Tracking</b>
1	April 16, 2008	Permanent Replacement Standard for IRO-STD-006-0	
1	February 10, 2009	Adopted by NERC Board of Trustees	
1	March 17, 2011	FERC Order 746 issued by FERC approving IRO-006-WECC-1 (FERC approval effective on May 24, 2011)	
1	May 2, 2012	Updated the requirements to R1. and R2. instead of R.1. and R1.2.	
1	July 1, 2011	Effective Date	No change
2	February 7, 2013	Adopted by NERC Board of Trustees	
2	May 13, 2014	FERC letter order issued approving IRO-006-WECC-2 (effective July 1, 2014).	

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	Time Horizon	VRF	Violation Severity Levels			
			Lower VSL	Moderate VSL	High VSL	Severe VSL
<b>R1</b>	Real Time Operations	Medium	Not Applicable	Not Applicable	Not Applicable	There shall be a Severe level of non-compliance if there is one instance during a calendar month in which the Reliability Coordinator approved (actively or passively) or denied a request for unscheduled flow transmission relief from the Transmission Operator of a Qualified Transfer Path, greater than five minutes after receipt of notification from the Transmission Operator of a Qualified Transfer Path.
<b>R2</b>	Real Time Operations	Medium	There shall be a Lower Level of non-compliance if there is less than 100% Relief Requirement provided but greater than or equal to 90% Relief Requirement provided or the Relief Requirement was less	There shall be a Moderate Level of non-compliance if there is less than 90% Relief Requirement provided but greater than or equal to 75% Relief Requirement provided.	There shall be a High Level of non-compliance if there is less than 75% Relief Requirement provided but greater than or equal to 60% Relief Requirement provided.	There shall be a Severe Level of non-compliance if there is less than 60% Relief Requirement provided.

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	Time Horizon	VRF	Violation Severity Levels			
			Lower VSL	Moderate VSL	High VSL	Severe VSL
			than 5 MW and was not fully provided.			