

Alberta Reliability Standards Program Interim Work Plan



Status	Alberta Reliability Standard		Project Type	Applicability	AESO Stakeholder Engagement Process	AUC Process	Effective Date / Inactive Date*	Background Material	Comments (includes rational for changes from last posted workplan and related ISO rules development)
	Standard No.	Standard Name							
Approved	CIP-012-AB-1	Cyber Security – Communications between Control Centres	New	ISO and MP	Q4 2021 to Q2 2022	Q2 2022	ISO: Q3 2022 MP: Q3 2023	TWG CIP-012-AB-1 Implementation Proposed New Alberta Reliability Standard CIP-012-AB-1, Cyber Security - Communications between Control Centres	Changes: The AUC approved CIP-012-AB-1, with the AESO's proposed effective date, on June 8, 2022 in Decision 27372-D01-2022. As a result, the following changes were made in this table: (1) Status: "Forwarded to the AUC" to "Approved" (2) AUC Process and Effect Date/Inactive Date: removed "proposed"
	EOP-005-AB-3	System Restoration from Blackstart Resources	New Version	ISO and MP	Q2 2022 to Q3 2022	Q3 2022	Q4 2023	Proposed New EOP-005-AB-3 & EOP-006-AB-3, Retirement of Existing EOP-005-AB-2 & EOP-006-AB-2	Changes: The AESO posted replies to Stakeholder comments on June 27, 2022, forwarded a letter to the AUC requesting AUC approval on July 12, 2022, and received AUC approval on August 16, 2022 in Decision 27516-D01-2022. As a result, the following changes were made in this table: (1) Status: from "Under Development" to "Approved" (2) Stakeholder Engagement Process: from "Q2 2022 to (estimate) Q2/Q3 2022" to "Q2 2022 to Q3 2022" (3) AUC Process: from "Estimate Q3/Q4 2022" to "Q3 2022" (4) Effective Date for EOP-005-AB-3 and EOP-006-AB-3: from "Estimate Q4 2023 or Q1 2024" to "Q4 2023" (5) Inactive Date for EOP-005-AB-2 and EOP-006-AB-2: from "Estimate Q3 2023 or Q4 2023" to "Q3 2023"
	EOP-005-AB-2	System Restoration from Blackstart Resources	Retire	ISO and MP			Q3 2023		
	EOP-006-AB-3	System Restoration Coordination	New Version	ISO			Q4 2023		
	EOP-006-AB-2	System Restoration Coordination	Retire	ISO			Q3 2023		
	PER-006-AB-1	Specific Training for Personnel	New	MP	Q4 2020 to Q1 2021	Q1 2021 to Q2 2021	Q3 2023	PER-006 Specific Training for Personnel	New: AESO Information Document Posted: ID #2021-008, PER-006 Supplemental Information was posted June 29, 2022 on the PER-006 webpage.
	PRC-018-AB-1	Disturbance Monitoring Equipment Installation and Data Reporting	Retire	ISO and MP	Q3 2018 to Q4 2018	Q4 2018	Q3 2025	Implementation Plan included in Appendix 2 of PRC-002-AB-2	
	PRC-025-AB-2	Generator Relay Loadability	New	MP	Q1 2019 to Q2 2019	Q2 2019 to Q3 2019	Q4 2024	PRC-025 Generator Load Reliability	

Status	Alberta Reliability Standard		Project Type	Applicability	AESO Stakeholder Engagement Process	AUC Process	Effective Date / Inactive Date*	Background Material	Comments (includes rational for changes from last posted workplan and related ISO rules development)
	Standard No.	Standard Name							
Under Development	COM-001-AB-3	Communications	New Version	ISO and MP	Q1 2018 to (estimate) Q4 2022 / Q1 2023	Estimate: Q4 2022 / Q1 2023	Estimate: Q4 2023 or Q1 2024	Proposed New COM-001-AB-3, New COM-002-AB-4, Retirement of Existing COM-002-AB1-2a and COM-001-AB1-1.1	Related ISO Rule under Development: The proposed COM-001-AB-3 and COM-002-AB-4 are being developed with a proposed amendment to Section 502.4 of the ISO rules, Automated Dispatch and Messaging System and Voice Communication System Requirements , which can be found here: Section 502.4 Stakeholder Engagement AESO website
	COM-001-AB1-1.1	Telecommunications	Retire	ISO and MP			Estimate: Q3 2023 or Q4 2023		
	COM-002-AB-4	Operating Personnel Communications Protocols	New Version	ISO and MP			Estimate: Q4 2023 or Q1 2024		
	COM-002-AB1-2a	Communications and Coordination	Retire	ISO and MP			Estimate: Q3 2023 or Q4 2023		
	CIP-003-AB-8	Cyber Security - Security Management Controls	New Version	ISO and MP	Estimate: Q4 2022 to Q2 2023	Estimate: Q2 2023/Q3 2023	Target (staggered): Q3 2024 to Q2 2025	NERC Project 2016-02 - Modifications to CIP Standards	New: The AESO has decided to prioritize the adoption of NERC CIP-013-2, as well as the adoption of the newest versions of NERC CIP-003, CIP-005 and CIP-010. Adopting CIP-013 will address reliability risks and stakeholder concerns. The AESO has performed a preliminary analysis of CIP-013 and has determined that there are benefits in adopting NERC CIP-003-8, CIP-005-7 and CIP-010-4 at the same time. The AESO will provide more information as it becomes available on the AESO website.
	CIP-003-AB-5	Cyber Security - Security Management Controls	Retire	ISO and MP				AESO CIP-003 webpage	
	CIP-005-AB-7	Cyber Security - Electronic Security Perimeter(s)	New Version	ISO and MP				NERC Project 2019-03 - Cyber Security Supply Chain Risks	
	CIP-005-AB-5	Cyber Security - Electronic Security Perimeter(s)	Retire	ISO and MP				AESO CIP-005 webpage	
	CIP-010-AB-4	Cyber Security - Configuration Change Management and Vulnerability Assessments	New Version	ISO and MP				NERC Project 2019-03 - Cyber Security Supply Chain Risks	
	CIP-010-AB-1	Cyber Security - Configuration Change Management and Vulnerability Assessments	Retire	ISO and MP				AESO CIP-010 webpage	
	CIP-013-AB-2	Cyber Security Supply Chain Risk Management	New	ISO and MP				NERC Project 2019-03 - Cyber Security Supply Chain Risks	

Status	Alberta Reliability Standard		Project Type	Applicability	AESO Stakeholder Engagement Process	AUC Process	Effective Date / Inactive Date*	Background Material	Comments (includes rational for changes from last posted workplan and related ISO rules development)
	Standard No.	Standard Name							
In Development Queue	TPL-001-AB-5.1	Transmission System Planning Performance Requirements	New Version	ISO and MP	TBD	TBD	TBD	NERC Project 2015-10 Single Points of Failure TPL-001	Changes: All dates have changed to be determined ("TBD"). The AESO has decided that proposed changes to the TPL and IRO-010 standards will be re-prioritized as part of the AESO's risk-based approach. Following the re-prioritization, dates for proposed changes to the Alberta reliability standards near the top of the priority list will be added.
	TPL-001-AB-0	System Performance Under Normal Conditions	Retire	ISO				TPL-001	
	TPL-002-AB1-0	System Performance Following Loss of a Single BES Element	Retire	ISO				TPL-002	
	TPL-003-AB-0	System Performance Following Loss of Two or More BES Elements	Retire	ISO				TPL-003	
	TPL-004-AB-0	System Performance Following Extreme BES Events	Retire	ISO	TPL-004				
	IRO-010-AB-4	Reliability Coordinator Data Specification and Collection	New Version	ISO and MP	TBD	TBD	TBD	NERC Project 2019-06 Cold Weather (includes IRO-10-4)	
	IRO-010-AB-2	Reliability Coordinator Data Specification and Collection	Retire	ISO				IRO-010	

The Alberta Reliability Standards Program Work Plan (the "Work Plan") is for general information purposes only and the Alberta Electric System Operator reserves the right to change or modify the Work Plan at any time without notice. Under no circumstances will the Alberta Electric System Operator, its members, officers, employees, contractors or agents, or any of their respective affiliates, be liable for any errors or omissions in, or any losses, damages or claims whatsoever, whether in contract, tort or otherwise, arising from use of or reliance upon, the Work Plan or any information contained herein. Parties using or relying on the Work Plan do so solely at their own risk, and all information contained herein should be independently verified.

* Unless otherwise indicated, effective dates occur on the first day of the calendar quarter and inactive dates occur on the last day of the calendar quarter.

Type includes:

- Amendment: New AESO initiated revision to an Alberta reliability standard; or an amendment initiated by NERC without a version change.
- New: New standard for Alberta
- New Version: New version of an existing Alberta reliability standard, based on new NERC or WECC version of the standard or, for Alberta-only standards, for a new major change to a standard
- Not Applicable: NERC or WECC standard that the AESO has reviewed and determined to be not applicable in Alberta. The AESO will apply to the AUC for this designation
- Retire: Retirement of an Alberta reliability standard

Applicability includes:

- ISO and/or
- Market Participant (“MP”)

Background Material includes:

- Links to ARS/NERC Development Project web page
- Links to existing AESO ARS web page