Alberta Risk Ratings for Current Alberta Reliabilty Standards

Alberta Reliability Standard	R1	R1A	RD.B.1	R2	RD.B.2	R3	R3A	R3B	R3.A1	RD.B.3	R4	R4.A1	RD.B.4	R5	R6	R7	R7.A1	R7.A2	R8	R8.A1	R8.A2	R9	R10	R11	RD.B.11	R12	RD.B.12	R13	R14	R14.A1	R15	R15.A1	R16
ADM-002-AB-1	-	-	-	-	-	N/A	-	-	-	-	N/A	-	-	N/A	N/A	N/A	-	-	N/A	-	-	N/A	-	-	-	-	-	-	-	-	-	-	-
BAL-001-AB-2	M	-	-	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BAL-002-AB-3	H	-	-	H	-	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BAL-002-WECC-AB1-2	H	-	-	H	-	H	-	-	-	-	H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BAL-003-AB1-1.1	H	-	-	M	-	M	-	-	-	-	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BAL-004-WECC-AB-2	M	-	-	M	-	M	-	-	-	-	M	-	-	M	M	M	-	-	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BAL-005-AB-1	M	-	-	-	-	M	-	-	-	-	M	-	-	M	M	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CIP-002-AB-5.1	H	-	-	L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CIP-003-AB-5^	N/A	-	-	L	-	N/A	-	-	-	-	N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CIP-003-AB-8^	M	-	-	L	-	M	-	-	-	-	L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CIP-004-AB-5.1*	L	-	-	L	-	M	-	-	-	-	M	-	-	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CIP-004-AB-7*	L	-	-	L	-	M	-	-	-	-	M	-	-	M	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CIP-005-AB-7	M	-	-	M	-	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CIP-006-AB-5	M	-	-	M	-	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CIP-007-AB-5	M	-	-	M	-	M	-	-	-	-	M	-	-	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CIP-008-AB-5	L	-	-	L	-	L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CIP-009-AB-5	M	-	-	L	-	L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CIP-010-AB-4	M	-	-	M	-	M	-	-	-	-	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CIP-011-AB-1*	M	-	-	L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CIP-011-AB-3*	M	-	-	L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CIP-012-AB-1	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CIP-013-AB-2	M	-	-	M	-	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CIP-014-AB-2	H	-	-	M	-	L	-	-	-	-	M	-	-	H	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CIP-PLAN-AB-3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CIP-SUPP-001-AB1	N/A	-	-	N/A	-	N/A	-	-	-	-	N/A	-	-	N/A	N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CIP-SUPP-002-AB	N/A	-	-	N/A	-	N/A	-	-	-	-	N/A	-	-	N/A	N/A	N/A	-	-	N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COM-001-AB-3	H	-	-	H	-	H	-	-	H	-	H	H	-	H	H	M	M	M	H	H	H	M	M	M	-	H	-	M	-	M	-	H	-
COM-002-AB-4	L	-	-	L	-	L	-	-	-	-	M	-	-	H	H	H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EOP-004-AB-2	L	-	-	M	-	L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EOP-005-AB-3	H	-	-	M	-	M	-	-	-	-	M	-	-	L	M	M	-	-	M	-	-	M	M	H	-	H	-	M	H	-	M	-	M

Alberta Reliability Standard	R1	R1A	RD.B.1	R2	RD.B.2	R3	R3A	R3B	R3.A1	RD.B.3	R4	R4.A1	RD.B.4	R5	R6	R7	R7.A1	R7.A2	R8	R8.A1	R8.A2	R9	R10	R11	RD.B.11	R12	RD.B.12	R13	R14	R14.A1	R15	R15.A1	R16
EOP-006-AB-3	H	-	-	M	-	M	-	-	-	-	M	-	-	M	M	H	-	-	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EOP-008-AB-1	M	-	-	L	-	H	-	-	-	-	H	-	-	M	M	M	-	-	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EOP-011-AB-1	H	H	-	H	-	H	-	-	-	-	H	-	-	H	H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FAC-001-AB-0	L	-	-	L	-	L	-	-	-	-	L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FAC-002-AB-0	L	-	-	L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FAC-003-AB1-1	H	-	-	H	-	L	-	-	-	-	L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FAC-008-AB-3	L	-	-	M	-	M	-	-	-	-	-	-	-	-	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FAC-010-AB1-2.1	L	-	-	N/A	-	L	-	-	-	-	L	-	-	-	N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FAC-011-AB-2	M	-	-	M	-	M	-	-	-	-	L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FAC-014-AB1-2	M	-	-	-	-	-	-	-	-	-	-	-	-	H	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FAC-501-WECC-AB2-1	M	-	-	M	-	M	-	-	-	-	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INT-006-AB-4	L	-	-	L	-	L	-	-	-	-	L	-	-	L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INT-009-AB-2.1	M	-	-	M	-	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INT-010-AB-2.1	L	-	-	L	-	L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IRO-002-AB-5	M	-	-	H	-	-	M	M	-	-	H	-	-	H	H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IRO-005-AB1-3.1a	-	-	-	-	-	H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IRO-006-AB-5	H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IRO-006-WECC-AB-2	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IRO-008-AB-2	M	-	-	M	-	-	-	-	-	-	H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IRO-009-AB-2	M	-	-	H	-	H	-	-	-	-	H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IRO-010-AB-2	N/A	-	-	N/A	-	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IRO-014-AB-3	M	-	-	L	-	M	-	-	-	-	H	-	-	H	H	H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IRO-017-AB-1	-	-	-	-	-	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IRO-018-AB-1(i)	H	-	-	M	-	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Alberta Reliability Standard	R1	R1A	RD.B.1	R2	RD.B.2	R3	R3A	R3B	R3.A1	RD.B.3	R4	R4.A1	RD.B.4	R5	R6	R7	R7.A1	R7.A2	R8	R8.A1	R8.A2	R9	R10	R11	RD.B.11	R12	RD.B.12	R13	R14	R14.A1	R15	R15.A1	R16
MOD-010-and-012-AB-0	M	-	-	M	-	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOD-031-AB-2	-	-	-	-	-	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PER-003-AB-1	-	-	-	H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PER-004-AB-2	H	-	-	H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PER-005-AB-2	M	-	-	-	-	H	-	-	-	-	M	-	-	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PER-006-AB-1	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRC-001-AB3-1.1(ii)	H	-	-	H	-	M	-	-	-	-	M	-	-	M	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRC-002-AB-2	L	-	-	L	-	L	-	-	-	-	L	-	-	L	L	L	-	-	L	-	-	L	L	L	-	L	-	-	-	-	-	-	-
PRC-004-AB2-1	H	-	-	L	-	L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRC-004-WECC-AB1-1	L	-	-	(2.1-2.3): H (2.4): L	-	L	-	-	-	-	L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRC-005-AB2-6	M	-	-	M	-	H	-	-	-	-	H	-	-	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRC-006-AB-3	-	-	M	-	M	-	-	-	-	H	-	-	H	-	L	-	-	-	L	-	-	H	H	-	M	-	M	-	-	-	-	-	-
PRC-010-AB-2	H	-	-	H	-	M	-	-	-	-	M	-	-	M	L	L	-	-	L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRC-018-AB-1	L	-	-	L	-	L	-	-	-	-	L	-	-	L	L	L	-	-	L	-	-	L	L	-	-	-	-	-	-	-	-	-	-
PRC-019-AB-2	M	-	-	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRC-023-AB-4	H	-	-	H	-	M	-	-	-	-	L	-	-	L	H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRC-025-AB-2	H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPL-001-AB-0	H	-	-	M	-	L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPL-002-AB1-0	H	-	-	M	-	L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPL-003-AB-0	H	-	-	M	-	L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPL-004-AB-0	M	-	-	L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VAR-001-AB-4	M	-	-	H	-	H	-	-	-	-	L	-	-	M	L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VAR-002-AB-4.1	M	-	-	M	-	M	-	-	-	-	M	-	-	L	L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VAR-501-WECC-AB-1	M	-	-	L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

^CIP-003-AB-8 R2 has a staged implementation. CIP-003-AB-5 R2 is being phased out as CIP-003-AB-8 is phased in.

*CIP-004-AB-5.1 and CIP-011-AB-3 are in effect for Responsible Entities that elect early compliance in alignment with their confirmed effective date. See CIP-PLAN-AB-3 for more information.

**Alberta Risk Rating definitions for "High", "Medium", and "Lower" (shown as "H", "M", and "L", respectively) can be found in the AESO's *ARS Program Prioritization and Development Phase Guide* document available on the AESO website.

***ARS requirements that have a numbering of "R#" (for example, R1) align with NERC requirements unless otherwise stated. All other ARS requirements are AESO-only requirements (for example, R1A). ARS requirements that are "Intentionally Left Blank" are not shown in this table.

Alberta Reliability Standard	Summary of Deviations of ARS Requirements from NERC/WECC Reliability Standard Requirements and Rationale for ARS requirement Alberta Risk Ratings Deviations (ARR) from Equivalent Requirement NERC/WECC Violation Risk Factors (VRFs), where applicable
ADM-002-AB-1	ADM-002-AB-1 is an AESO-only standard. The risk mitigation associated with ADM-002-AB-1 requirements are captured in the requirements that are subject to this ARS. Adding ARRs to this ARS would be redundant and would vary depending on the standard requirement they apply to. As a result, no ARRs have been set for the requirements in this standard.
BAL-001-AB-2	N/A
BAL-002-AB-3	N/A
BAL-002-WECC-AB1-2	N/A
BAL-003-AB1-1.1	N/A
BAL-004-WECC-AB-2	N/A
BAL-005-AB-1	N/A
CIP-002-AB-5.1	N/A
CIP-003-AB-5^	N/A
CIP-003-AB-8^	N/A
CIP-004-AB-5.1*	N/A
CIP-004-AB-7*	N/A
CIP-005-AB-7	N/A
CIP-006-AB-5	N/A
CIP-007-AB-5	N/A
CIP-008-AB-5	N/A
CIP-009-AB-5	N/A
CIP-010-AB-4	N/A
CIP-011-AB-1*	N/A
CIP-011-AB-3*	N/A
CIP-012-AB-1	N/A
CIP-013-AB-2	N/A
CIP-014-AB-2	N/A
CIP-PLAN-AB-3	N/A
CIP-SUPP-001-AB1	CIP-SUPP-001-AB-1 is an AESO-only standard. The risk mitigation associated with CIP-SUPP-001-AB-1 requirements are captured in the requirements that are subject to this ARS. Adding ARRs to this ARS would be redundant and would vary depending on the standard requirement they apply to. As a result, no ARRs have been set for the requirements in this standard.
CIP-SUPP-002-AB	CIP-SUPP-002-AB is an AESO-only standard. The risk mitigation associated with CIP-SUPP-002-AB requirements are captured in the requirements that are subject to this ARS. Adding ARRs to this ARS would be redundant and would vary depending on the standard requirement they apply to. As a result, no ARRs have been set for the requirements in this standard.
COM-001-AB-3	R3.A1, R4.A1, R7.A1, R7.A2, R8.A1, and R8.A2 are AESO-only requirements. They were given the same ARR as their related NERC VRFs (R3, R4, R7, and R8). R14.A1 is an AESO-only requirement. It was given an ARR of "Medium" because the latency caused by entities using a system that is not approved by the AESO could directly impacting the ability to effectively monitor and control the bulk electric system during restoration efforts. R15.A1 is an AESO-only requirement. It was given an ARR of "High", because in emergency events, during restoration, if the backup voice communication system does not have adequate power supply and is inoperable, then it could hinder restoration to a normal condition.
COM-002-AB-4	N/A
EOP-004-AB-2	R3 is an administrative requirement so was set as "Lower" rather than "Medium" as was originally the VRF set by NERC in the equivalent requirement (R3 of EOP-004-2). Through NERC Project 2015-08, NERC updated its view of R3. In Project 2015-08, NERC retired R3 on the grounds that it is administrative and does not contribute to reliability.
EOP-005-AB-3	R11, R12, and R14 are given "High" ARR whereas NERC has set the VRF as "Medium". This is because in Alberta, the AESO relies heavily on internal blackstart resources; the AESO's blackstart plan is the only plan in Alberta. This is unlike most NERC Reliability Coordinators, which rely largely on neighbouring resources for black start. This means that it is imperative for written blackstart resource agreements between the AESO and blackstart resources to be well executed and that blackstart resources are tested.

Alberta Reliability Standard	Summary of Deviations of ARS Requirements from NERC/WECC Reliability Standard Requirements and Rationale for ARS requirement Alberta Risk Ratings Deviations (ARR) from Equivalent Requirement NERC/WECC Violation Risk Factors (VRFs), where applicable
EOP-006-AB-3	R2 and R6 is given a "Medium" ARR; whereas NERC has set the VRF as "Lower". R7 is given a "High" ARR; whereas NERC has set the VRF as "Medium". This is because in Alberta, blackstart restorations rely mostly on internal Alberta assets, not interties. R2 requires the AESO and TFOs to communicate changes to blackstart resource roles to entities prior to the effective date of the amended plan; R6 requires the AESO to test, through analysis of actual events, that the restoration plan accomplishes its intended function every 5 years, and R7 requires the AESO to have testing requirements to verify that each blackstart resource is capable of meeting the requirements of the AESO's restoration plan at least once every 5 years.
EOP-008-AB-1	N/A
EOP-011-AB-1	R1A is an AESO-only requirement. It aligns with R1 of EOP-011-1, which was given an NERC VRF of "High". It meets ARR criteria for "High" because if their is a violation to the development, maintanance, or implement one or more operating plans to mitigate operating emergencies on the interconnected electric system, it could directly cause or contribute to interconnected electric system instability, separation or a cascading sequence of failures; or could place the BES at an unacceptable risk of instability, separation or cascading failures in Real-time and meets definition of "High" ARR criteria.
FAC-001-AB-0	FAC-001-AB-0 R3 is an AESO-only requirement. It is an administrative requirement and meets definition for "Lower". FAC-001-AB-0 R4 aligns with NERC FAC-001-0 R3. FAC-001-AB-0 ARRs align with the latest NERC VRF ratings for FAC-001. All requirements (R1, R2, and R3) in NERC FAC-001-0 were originally given a "Medium" VRF. In NERC Project 2010-02 (which included FAC-001-2), the VRFs were modified to "Lower" without material modifications to the requirements as it was determined that, while the requirements are necessary for reliability, the requirements in FAC-001 are administrative in nature and take place in the planning horizon.
FAC-002-AB-0	R1 was given an ARR of "Lower", which differs from NERC's VRF of "Medium". This accounts for the difference between these requirements. FAC-002-AB-0 R1 is an administrative requirement related to creating documentation, which meets criteria for a "Lower" ARR. By contrast, in FAC-002-0, all applicable entities are required to coordinate and cooperate on its assessment with its transmission planner and planning authority.
FAC-003-AB1-1	N/A
FAC-008-AB-3	N/A
FAC-010-AB1-2.1	FAC-010-AB-2 R2 aligns with FAC-010-2.1 R2. NERC did not set a VRF for R2. FAC-010-AB-2 R6 is an AESO-only requirement, which is similar to FAC-010-2.1 R2. These planning horizon requirements are prescriptive sub-requirements of TPL-001 to TPL-004 performance requirements. Setting ARRs for these requirements would be redundant. As a result, the AESO is not setting ARRs for these requirements in alignment with NERC's decision to not set a VRF for R2. Note that this standard is being retired as part of AESO's TPL and SOL Project.
FAC-011-AB-2	FAC-011-2 R1 and R2 ARRs align with the VRFs of NERC FAC-011-4 R1 and R2; however differ from NERC's orginally VRFs for these requirements: NERC set the VRF of FAC-011-2 R1 to "Lower" and did not set a VRF for R2. Through NERC Project 2015-09, NERC updated R1 and R2 and its related VRFs to "Medium" on the grounds that these requirements meet criteria for "Medium": if violated, these requirements could directly affect the electrical state or the capability of the interconnected electric system. Although there have been some changes to R1 and R2, the changes do not impact the assessment of these ARRs.
FAC-014-AB1-2	N/A
FAC-501-WECC-AB2-1	The requirements in FAC-501-WECC-AB2-1 do not align completely with the requirements in FAC-501-WECC-1. FAC-501-WECC-AB-1 R2 and R3 aligns with FAC-501-WECC-1 R2 and Attachment A; WECC set the VRF to "Medium" for FAC-501-WECC-1 R2, and did not give a VRF for Attachment A. The AESO is setting the ARR as "Medium" for both R2 and R3 because the requirements, if not met could directly and adversely affect the electrical state or capability of the interconnected electric system. FAC-501-WECC-AB-1 R4 aligns with FAC-501-WECC-1 R3, the ARR for R4 was set to "Medium" in alignment with WECC's VRF rating for FAC-501-WECC-1 R3.
INT-006-AB-4	N/A
INT-009-AB-2.1	N/A
INT-010-AB-2.1	N/A
IRO-002-AB-5	IRO-002-AB-5 R3A and R3B align with to IRO-002-5 R3. In alignment with NERC's VRF, the AESO's ARR for R3A and R3B is "Medium", as it meets criteria for a "Medium" rating: failure to periodically test primary control centre data exchange capabilities for redundant functionality could, under anticipated data exchange infrastructure failure, affect the ability to monitor and control the interconnected electric system.
IRO-005-AB1-3.1a	R3 is AESO's only geomagnetic disturbance ("GMD") requirement, so was set at "High". Should response plans for GMD not be created, GMD events could contribute to the interconnected electric system instability, separation, or a cascading sequence of failures, or could place the interconnected electric system at an unacceptable risk of instability, separation, or cascading failures. NERC did not establish VRFs for the equivalent standard requirement: IRO-005-3.1a R3. This standard has been retired by NERC.
IRO-006-AB-5	N/A
IRO-006-WECC-AB-2	IRO-006-WECC-AB-2 R1 is similar to IRO-006-WECC-2 R1 and R2. R1 was given an ARR of "Medium", which is consistent with WECC's VRF for IRO-006-WECC-2 R1 and R2 of "Medium" for both. IRO-006-WECC-AB-2 meets criteria for "Medium".
IRO-008-AB-2	N/A
IRO-009-AB-2	N/A
IRO-010-AB-2	N/A
IRO-014-AB-3	N/A
IRO-017-AB-1	N/A
IRO-018-AB-1(i)	N/A

Alberta Reliability Standard	Summary of Deviations of ARS Requirements from NERC/WECC Reliability Standard Requirements and Rationale for ARS requirement Alberta Risk Ratings Deviations (ARR) from Equivalent Requirement NERC/WECC Violation Risk Factors (VRFs), where applicable
~~MOD-010 and 012-AB-0~~	MOD-010&-012-AB-0 R1 align with MOD-010-0 R1 and MOD-012-0 R1; MOD-010&-012-AB-0 R2 & R3 align with MOD-010-0 R2 and MOD-012-0 R2. In alignment with NERC VRFs, these requirements were given ARRs of "Medium". They meet criteria for "Medium" as not providing the data could directly and adversely affect the electrical state or capability of the interconnected electric system, or the ability to effectively monitor, control, or restore the interconnected electric system.
MOD-031-AB-2	N/A
PER-003-AB-1	N/A
PER-004-AB-2	N/A
PER-005-AB-2	N/A
PER-006-AB-1	N/A
PRC-001-AB3-1.1(ii)	PRC-001-AB-1.1(ii) R1 and R2 are similar to NERC PRC-001-AB-1.1(ii) R2; PRC-001-AB-1.1(ii) R3 and R4 are similar to NERC PRC-001-1.1(ii) R3 and R4 (however the split of the requirements is different); In alignment with NERC VRFs, recommend setting all ARRs to "High", as there is risk to the interconnected electric system of instability, separation, or cascading failures that results from miscoordinated protection systems.
PRC-002-AB-2	N/A
PRC-004-AB2-1	PRC-004-AB2-1 R1 is similar to PRC-004-1 R1 and R2. In alignment with NERC VRFs for PRC-004-1 R1 and R2, ARR for PRC-004-AB2-1 R1 was set to "High"; this aligns with the criteria for an ARR of "High" - there is risk to the interconnected electric system of instability, separation, or cascading failures that results from the misoperation of protection systems. PRC-004-AB2-1 R2 and R3 are similar to PRC-004-1 R3; these are administrative requirements and meet criteria for an ARR of "Lower". In alignment with the NERC VRF for PRC-004-1 R3, ARR for PRC-004-AB2-1 R2 was set to "Lower".
PRC-004-WECC-AB1-1	PRC-004-WECC-AB1-1 R3 and R4 is similar to PRC-004-WECC-1 R3. These requirements are administative in nature, as a result, ARRs have been set to "Lower" for both R3 and R4. This aligns with WECC's VRF of "Lower" for R3 of PRC-004-WECC-1.
PRC-005-AB2-6	N/A
PRC-006-AB-3	N/A
PRC-010-AB-2	N/A
PRC-018-AB-1	PRC-018-AB-1 R1 is an AESO-only administrative requirement. PRC-018-AB-1 R2 to R10 aligns with PRC-018-1 R1 to R6. These are recording and reporting requirements and meet criteria for an ARR of "Lower". As a result all requirements have been given an ARR of "Lower", which aligns with NERC's VRFs for PRC-018-1 R1 to R6.
PRC-019-AB-2	N/A
PRC-023-AB-4	N/A
PRC-025-AB-2	N/A
TPL-001-AB-0	N/A
TPL-002-AB1-0	N/A
TPL-003-AB-0	N/A
TPL-004-AB-0	N/A
VAR-001-AB-4	VAR-001-AB-4 R1 was given an ARR of "Medium". This differs from the NERC VRF for VAR-001-4 R1 of "High". This is because the AESO has the ability to island and limiting cascading failure to and from the rest of WECC and there are currently are no interconnection reliability operating limits (IROL) in the interconnected electric system. In addition, the AESO is the sole party to specify system voltage schedules for the interconnected electric system by applying consistent methodology as set out in Section 304.4 of the ISO rules, Maintaining Network Voltage. As a result, VAR-001-AB-4 R1 meets criteria for an ARR of "Medium".
VAR-002-AB-4.1	N/A
VAR-501-WECC-AB-1	N/A