

**AESO Assessment and Conversion of NERC MOD-018-0 to Alberta MOD-018-AB-0  
Reports of Actual and Forecast Demand Data**

Section	NERC MOD-018-0	Alberta MOD-018-AB-0	Reason for Difference <sup>1</sup>
<b>Purpose</b>	To ensure that Assessments and validation of past events and databases can be performed, reporting of actual demand data is needed. Forecast demand data is needed to perform future system assessments to identify the need for system reinforcement for continued reliability. In addition, to assist in proper real-time operating, load information related to controllable Demand-Side Management programs is needed.	<u>The purpose of this reliability standard is to ensure that reporting of actual demand data is performed in order to allow for the assessments and validation of past events and databases, can be performed, reporting of actual demand data is needed and that the reporting of forecast demand data is needed to allow for future system assessments to identify the need for system reinforcement for continued reliability. In addition, to assist in proper real-time operating, load information related to controllable Demand-Side Management programs is needed.</u>	Alberta does not currently have demand system management program. Writing style changes.
<b>Applicability</b>	4.1. Load-Serving Entity 4.2. Planning Authority 4.3. Transmission Planner 4.4. Resource Planner	<u>This reliability standard applies to:</u> • <u>4.1. Load-Serving Entity</u> <u>ISO</u> <u>4.2. Planning Authority</u> <u>4.3. Transmission Planner</u> <u>4.4. Resource Planner</u>	To identify the responsible entity in Alberta.
<b>Effective Date</b>	April 1, 2005	<u>Ten calendar days after the date of approval by the Commission. April 1, 2005</u>	To identify the effective date in Alberta.

<sup>1</sup> The following revisions have been made throughout this proposed reliability standard:

- Identified the responsible entities in Alberta.
- Applied a consistent writing style and added clarity.
- Changed passive terms such as "shall" to "must.
- Developed measures specific to the requirements

Formatted: Right: 0 pt, Border: Top: (No border)

Formatted: Font: (Default) Times New Roman, 12 pt

**AESO Assessment and Conversion of NERC MOD-018-0 to Alberta MOD-018-AB-0  
Reports of Actual and Forecast Demand Data**

Section	NERC MOD-018-0	Alberta MOD-018-AB-0	Reason for Difference <sup>1</sup>
<b>Definitions</b>		<i>Italicized terms used in this reliability standard have the same meanings as set out in the Alberta Reliability Standards Glossary of Terms and Part 1 of the ISO Rules.<sup>2</sup></i>	
<b>Requirement</b>	<b>R1.</b> The Load-Serving Entity, Planning Authority, Transmission Planner and Resource Planner's report of actual and forecast demand data (reported on either an aggregated or dispersed basis) shall:	<b>R1</b> The <del>Load-Serving Entity, Planning Authority, Transmission Planner and Resource Planner</del> ISO's report of actual and forecast demand data reported on either an aggregated or dispersed basis <del>shall</del> must:	
<b>Measure</b>		<b>MR1</b> <del>Document or report contains all data elements specified in requirements R1.1 to R1.3.</del>	
<b>Requirement</b>	<b>R1.1.</b> Indicate whether the demand data of nonmember entities within an area or Regional Reliability Organization are included, and	<b>R1.1</b> Indicate whether the demand data of <del>nonmember</del> entities <del>not</del> within <del>the</del> Alberta <del>balancing authority area</del> or <del>Regional Reliability Organization</del> <del>is</del> included.	To identify the responsible entity in Alberta
<b>Measure</b>		<b>MR1.1</b> <del>Document or report contains all data elements specified in R1.1.</del>	
<b>Requirement</b>	<b>R1.2.</b> Address assumptions, methods, and the manner in which uncertainties are treated in the forecasts of aggregated peak demands and Net Energy for Load.	<b>R1.2</b> Address assumptions, methods, and the manner in which uncertainties are treated in the forecasts of aggregated peak demands and <del>net</del> energy for <del>load</del> .	

<sup>2</sup> Defined terms are not italicized in this document, but will appear in the Alberta reliability standards document when it is developed.

Formatted: Right: 0 pt, Border: Top: (No border)

Formatted: Font: (Default) Times New Roman, 12 pt

**AESO Assessment and Conversion of NERC MOD-018-0 to Alberta MOD-018-AB-0  
Reports of Actual and Forecast Demand Data**

Section	NERC MOD-018-0	Alberta MOD-018-AB-0	Reason for Difference <sup>1</sup>
Measure		<u>MR1.2 Document or report contains all data elements specified in R1.2.</u>	
Requirement	R1.3. Items (MOD-018-0_R1.1) and (MOD-018-0_R1.2) shall be addressed as described in the reporting procedures developed for Standard MOD-016-0_R1.	<del>R1.3</del> Items ( <del>MOD-018-0_R1.1</del> ) and ( <del>MOD-018-0_R1.2</del> ) <u>in requirements R1.1 and R1.2 shall</u> must be addressed as described in the reporting procedures developed for <u>Reliability Standard MOD-016-AB-0</u> .	
Measure	M1. The Load-Serving Entity, Planning Authority, Transmission Planner, and Resource Planner shall each provide evidence to its Compliance Monitor that its actual and forecast demand data were addressed as described in the reporting procedures developed for Reliability Standard MOD-018-0_R1	<del>MR1.3 Document or report contains all data elements specified in R1.3. Evidence exists that the data reported by the ISO meet the requirements. Load-Serving Entity, Planning Authority, Transmission Planner, and Resource Planner shall each provide evidence to its Compliance Monitor that its actual and forecast demand data were addressed as described in the reporting procedures developed for Reliability Standard MOD-018-0_R1</del>	Developed measure specific to the requirement.
Requirement	R2. The Load-Serving Entity, Planning Authority, Transmission Planner and Resource Planner shall each report data associated with Reliability Standard MOD-018-0_R1 to NERC, the Regional Reliability Organization, Load-Serving Entity, Planning Authority, and Resource Planner on request (within 30 calendar days).	<del>R2</del> The <del>Load-Serving Entity, Planning Authority, Transmission Planner and Resource Planner</del> <u>ISO shall</u> must each report data <del>associated with Reliability Standard MOD-018-0</del> <u>in requirement R1 to the WECC</u> <u>NERC, the Regional Reliability Organization, Load-Serving Entity, Planning Authority, and Resource</u>	To identify the responsible entity in Alberta; and to whom this data is sent.

Formatted: Right: 0 pt, Border: Top: (No border)

Formatted: Font: (Default) Times New Roman, 12 pt

**AESO Assessment and Conversion of NERC MOD-018-0 to Alberta MOD-018-AB-0  
Reports of Actual and Forecast Demand Data**

Section	NERC MOD-018-0	Alberta MOD-018-AB-0	Reason for Difference <sup>1</sup>
		<del>Planner if requested by WECC and on request within a minimum 30 calendar days notice of such request.</del>	
<b>Measure</b>	<b>M2.</b> The Load-Serving Entity, Planning Authority, Transmission Planner, and Resource Planner shall each report current information for Reliability Standard MOD-018-0_R1 to NERC, the Regional Reliability Organization, Load-Serving Entity, Planning Authority, and Resource Planner on request (within 30 calendar days).	<del>MR2 Confirmation exists that the information has been sent and was sent within the timelines specified in requirement R2. The Load-Serving Entity, Planning Authority, Transmission Planner, and Resource Planner shall each report current information for Reliability Standard MOD-018-0_R1 to NERC, the Regional Reliability Organization, Load-Serving Entity, Planning Authority, and Resource Planner on request (Evidence exists that shows the data was reported within 30 calendar days of the request).</del>	Developed measure specific to the requirement.
<b>Procedures</b>		<del>None identified.</del>	
<b>Compliance</b>	<del>To view the compliance section D of the NERC reliability standard follow this link: <a href="http://www.nerc.com/files/MOD-018-0.pdf">http://www.nerc.com/files/MOD-018-0.pdf</a></del>		There is no compliance section currently proposed in the Alberta Reliability Standards.  A compliance program will be developed at a later date for Alberta Reliability Standards that recognizes the compliance monitoring and enforcement structure

**Formatted:** Right: 0 pt, Border: Top: (No border)  
**Formatted:** Font: (Default) Times New Roman, 12 pt



**AESO Assessment and Conversion of NERC MOD-018-0 to Alberta MOD-018-AB-0  
Reports of Actual and Forecast Demand Data**

Section	NERC MOD-018-0	Alberta MOD-018-AB-0	Reason for Difference <sup>1</sup>
			in Alberta.  This approach is deemed consistent with the existing ISO Rules.
<b>Regional Differences</b>	None identified.	None identified.	Not applicable in Alberta

**Proposed Terms for the Alberta Reliability Standards Glossary:**

None

**Existing Defined Terms used in this standard:**

(As included in the ISO Rules Definitions or Alberta Reliability Standards Glossary)

- balancing authority area
- Commission
- days
- demand<sup>\*</sup>
- ISO
- load
- MW
- net energy for load

<sup>\*</sup> Term appears in the Alberta Reliability Standards Glossary of Terms – July 2009 rules cycle

**Formatted:** Right: 0 pt, Border: Top: (No border)

**Formatted:** Font: (Default) Times New Roman, 12 pt



- [reliability](#)
- [reliability standard](#)
- [system](#)
- [WECC](#)

**Formatted:** Right: 0 pt, Border:  
Top: (No border)

**Formatted:** Font: (Default) Times  
New Roman, 12 pt