

**AESO Assessment and Conversion of NERC MOD 019-0 to Alberta MOD 019-AB-0
Forecasts of Interruptible Demands Data**

Section	NERC MOD 019	Alberta MOD 019-AB-0	Reason for Difference ¹
Purpose	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 so that assessments and validation of past events and databases can be performed, reporting of actual demand data is needed., and so that the reporting of forecast demand data can be needed to performed to allow for the 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.
Applicability	4.1. Load-Serving Entity 4.2. Planning Authority 4.3. Transmission Planner 4.4. Resource Planner	4.1. Load-Serving Entity <u>This reliability standard applies to:</u> <ul style="list-style-type: none"> • <u>ISO</u> 4.2. Planning Authority 4.3. Transmission Planner 4.4. Resource Planner	To identify the responsible entity in Alberta.
Effective Date	April 1, 2005	<u>Ten calendar days after the date of approval by the Commission</u>	To identify the effective date in Alberta.

¹ 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

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Definitions		<u>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.</u> ²	
Requirement	R1. The Load-Serving Entity, Planning Authority, Transmission Planner, and Resource Planner shall each provide annually its forecasts of interruptible demands and Direct Control Load Management (DCLM) data for at least five years and up to ten years into the future, as requested, for summer and winter peak system conditions to NERC, the Regional Reliability Organizations, and other entities (Load-Serving Entities, Planning Authorities, and Resource Planners) as specified by the documentation in Reliability Standard MOD-016-1_R1.	R1. The Load-Serving Entity, Planning Authority, Transmission Planner, and Resource Planner ISO shall must each provide annually to WECC its forecast of interruptible demand and Direct Control Load Management (DCLM) data for the next at least five years and up to 10 years into the future , as requested by WECC , for summer and winter peak system conditions NERC, the Regional Reliability Organizations, and other entities (Load-Serving Entities, Planning Authorities, and Resource Planners) as specified by the documentation in Reliability Standard MOD-016-1_R1.	To identify the responsible entity in Alberta; and to whom this data is sent. Alberta currently does not have any direct control load management loads. Clarify the data that is being sent to the WECC, which is consistent with the current practice.

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

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Measure	M1. The Load-Serving Entity, Planning Authority, Transmission Planner, and Resource Planner shall each provide evidence to its Compliance Monitor that it provided forecasts of interruptible demands and DCLM data per Reliability Standard MOD-019-0_R1.	MR1. Confirmation exists that the data has been sent and was sent within the timelines specified in R1. The Load-Serving Entity, Planning Authority, Transmission Planner, and Resource Planner shall each provide evidence to its Compliance Monitor that it provided forecasts of interruptible demands and DCLM data per Reliability Standard MOD-019-0_R1. Evidence exists that the data requested required was sent to WECC.	Developed measure specific to the requirement.
Procedures		<u>None identified.</u>	
Compliance	<u>To view the compliance section D of the NERC reliability standard follow this link: http://www.nerc.com/files/MOD-019-0_1.pdf</u>		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 in Alberta. This approach is deemed consistent with the existing ISO Rules.

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Regional Differences	None identified.	None identified.	Not applicable in Alberta

Proposed Terms for the Alberta Reliability Standards Glossary:

[“interruptible demand” means the demand that the end-use customer makes available to the ISO via contract or agreement for curtailment.](#)

Existing Defined Terms used in this standard:

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

- [Commission](#)
- [days](#)
- [demand*](#)
- [ISO](#)
- [reliability](#)
- [reliability standard](#)
- [system](#)
- [WECC](#)

* Term appears in the Alberta Reliability Standards Glossary of Terms – July 2009 rules cycle