

## A. Introduction

1. **Title:**           **Treatment of Nonmember Demand Data and How Uncertainties are Addressed in the Forecasts of Demand and Net Energy for Load**
2. **Number:**       MOD-018-0
3. **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.
4. **Applicability:**
  - 4.1. Load-Serving Entity
  - 4.2. Planning Authority
  - 4.3. Transmission Planner
  - 4.4. Resource Planner
5. **Effective Date:**                   April 1, 2005

## B. Requirements

- R1.** 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:
  - R1.1.** Indicate whether the demand data of nonmember entities within an area or Regional Reliability Organization are included, and
  - R1.2.** Address assumptions, methods, and the manner in which uncertainties are treated in the forecasts of aggregated peak demands and Net Energy for Load.
  - 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.
- 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).

## C. Measures

- 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.
- M2.** 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).

## **D. Compliance**

### **1. Compliance Monitoring Process**

#### **1.1. Compliance Monitoring Responsibility**

Compliance Monitor: British Columbia Utilities Commission

Compliance Monitor's Administrator: Western Electricity Coordinating Council

#### **1.2. Compliance Monitoring Period and Reset Timeframe**

On Request (within 30 calendar days).

#### **1.3. Data Retention**

None specified.

#### **1.4. Additional Compliance Information**

None.

### **2. Levels of Non-Compliance**

**2.1. Level 1:** Information for Reliability Standard MOD-018-0 item R1.1 or R1.2 was not provided.

**2.2. Level 2:** Information for Reliability Standards MOD-018-0 items R1.1 and R1.2 was not provided.

**2.3. Level 3:** Not applicable.

**2.4. Level 4:** Not applicable.

## **E. Regional Differences**

None identified.