

Introduction

Authority

In accordance with Section 1600 of the North American Electric Reliability Corporation (NERC) Rules of Procedure and the Western Electricity Coordinating Council (WECC) Data Request Process approved by NERC and the Federal Energy Regulatory Commission (FERC),¹ WECC may request data or information that is necessary for WECC to meet its obligations under Section 215 of the Federal Power Act, as authorized by Section 39.2(d) of FERC's regulations.

This data request is not binding on entities outside the United States. However, WECC may request comparable data from those entities on a voluntary basis.

Background

As the Regional Entity approved by FERC for the U.S. portion of the Western Interconnection, WECC has been delegated authority from NERC, the FERC-certified Electric Reliability Organization, as set forth in the FERC-approved Delegation Agreement between WECC and NERC. The Delegation Agreement identifies the following eight delegated responsibilities for WECC:

1. Reliability Standards Development,
2. Compliance Monitoring and Enforcement,
3. Certification and Registration,
4. Reliability Assessment and Performance Analysis,
5. Event Analysis and Reliability Improvement,
6. Training and Education,
7. Situation Awareness, and
8. Critical Infrastructure Security.

Many of these delegated responsibilities are performed by the WECC Reliability Planning and Performance Analysis (RPPA) Department. A significant source of data for the RPPA Department is data obtained from the Reliability Coordinator (RC). Beginning in 2009, WECC performed the RC function, which made this data readily available to the RPPA Department. Following WECC's bifurcation in February of 2014, and the transfer of the RC function to Peak Reliability, WECC

¹ See FERC Docket No. RR15-1-000.

continued to receive RC data through the Peak Reliability Universal Data Sharing Agreement (UDSA). Consistent with the RC transition in the Western Interconnection, the UDSA is being terminated. Consequently, WECC is issuing this data request under Section 1600 of the NERC Rules of Procedure to obtain the data the RPPA Department needs to perform its delegated responsibilities as identified below.

Data Request

Entities Required to Comply

Entities registered on the NERC Compliance Registry as an RC for the Western Interconnection are required to comply with this data request. WECC does not expect this data request to be a significant burden to RCs.

Effective Date

This data request shall be effective on July 1, 2019. This data request shall continue in effect until modified or terminated by WECC.

Data Requested

In the following sections, WECC identifies the data requested, how WECC intends to use the data, how that use relates to a delegated responsibility, how the data will be collected from RCs, and WECC's proposed treatment of the data. Where necessary, WECC will work with each RC to determine additional specifics. Once collected, WECC may use the data for any activity related to its delegated responsibilities. This data request applies only to data for the Western Interconnection.

1. Daily Report Data

Description—Peak hourly time-stamped data for previous-day actual peak load and actual reserves, current-day required reserves, forecasted reserves, forecasted load, and generator outages. WECC path limitations (e.g., the system operating limit).

Intended Use—WECC will use this data to create daily reports that WECC posts on its website and submits to NERC.

Delegated Responsibility—These activities are part of WECC's Situation Awareness responsibilities under Section 7(f) of the Delegation Agreement.

Collection—RCs shall provide this data in Microsoft Excel, CSV, or XML format daily before 6:00 a.m. Mountain Time, by email or as may be otherwise specified by WECC following consultation with the applicable RC.



Treatment—WECC will treat any individual, entity-level information received as Confidential Information in accordance with Section 1500 of the NERC Rules of Procedure and WECC's Information Sharing Policy. WECC will publicly provide aggregated information in the daily report.

2. Situation Awareness Data

Description—Reliability (e.g., RMT) messages and next-day assessments.

Intended Use—WECC will use this data to maintain an awareness of the state of the system.

Delegated Responsibility—These activities are part of WECC's Situation Awareness responsibilities under Section 7(f) of the Delegation Agreement.

Collection—RCs shall provide this data as system events occur and/or within the time, in the format, and using the delivery method as specified by WECC following consultation with the applicable RC.

Treatment—WECC will treat this information as Confidential Information in accordance with Section 1500 of the NERC Rules of Procedure and WECC's Information Sharing Policy.

3. EMS Model Data

Description—System condition snapshots (including as related to selected, requested events) in node-breaker format and mapping of the node-breaker long identifiers to the WECC base cases.

Intended Use—WECC will use this data to perform system model validation for planning cases created by WECC and as part of the event analysis process.

Delegated Responsibility—These activities are part of WECC's Reliability Assessment and Performance Analysis responsibilities under Section 7(c) of the Delegation Agreement and Event Analysis responsibilities under Section 7(d) of the Delegation Agreement.

Collection—RCs shall retain EMS model data for a minimum of one year and provide this data within 30 calendar days of a request from WECC via EFT or email or as may be otherwise specified by WECC following consultation with the applicable RC.

Treatment—WECC will treat this information as Confidential Information in accordance with Section 1500 of the NERC Rules of Procedure and WECC's Information Sharing Policy.

4. Remedial Action Scheme Data

Description—Identification of all known Remedial Action Schemes located within the RC's area, including wide-area protection schemes, local-area protection schemes and safety net schemes (on systems both above and below 100 kV where available), scheme design objective and operation, and detailed modeling data, including settings and parameters.

Intended Use—WECC will use this data to periodically review, validate, and assess Remedial Action Schemes and to facilitate Remedial Action Scheme modeling.



Reliability Coordinator Data Request

Delegated Responsibility—These activities are part of WECC’s Reliability Assessment and Performance Analysis responsibilities under Section 7(c) of the Delegation Agreement.

Collection—RCs shall provide this data in Microsoft Excel or Word, CSV, or XML format annually within 30 calendar days of a request from WECC via FTP or as may be otherwise specified by WECC following consultation with the applicable RC.

Treatment—WECC will treat this information as Confidential Information in accordance with Section 1500 of the NERC Rules of Procedure and WECC’s Information Sharing Policy.

