

TOP-003 – Data Request and Specification

Revised standard for Balancing Authorities and Transmission Operators to request data



Agenda

- Important Notes
- Introduction
- TOP-003 Requirements 1 and 2
- TOP-003 Requirements 3 and 4
- TOP-003 Requirement 5
- About the TOP-003 Data Library
- Future Considerations
- BPA's Data Request

Introduction

- Jamie McNeill, TOII
 - System Operations – Reliability Standards Owner
- Setting context for the discussion:
 - What is the “TOP-003 Data Library”?
 - True state of affairs: most of the needed data is already being exchanged
 - This is Phase 1; we will accept suggestions for Phase 2 changes (but not for Phase 1)

Big Picture:

Overview:

1. Create your “Data Specification” from the template (more of a menu really)
2. Post your “Data Specification” to the TOP-003 Data Library
3. To securely share requested information with participants, post it to the TOP-003 Data Library

Common approach:

To meet Requirements 1&2 of standard:

The WECC TOP-003 Task Force created a template from the Peak RC IRO-010 Data Specification for BAs/TOPs to use in developing their own Data Specification.

Benefits:

- Mature and tested
- Common terminology
- Common format

Status:

- Template created from current version of Peak's specification
- 28 entities have posted their Data Specification

Managing Changes to the Template:

One benefit of this approach to TOP-003 compliance is the common Data Specification template. In an effort to maintain that consistency, participants are asked to:

- Keep the numbering convention in the template
- For entity-specific additions, please start by recommending the change to Peak.

Common approach:

To meet Requirements 3&4 of standard:

Each participating entity will post its Data Specification document to the TOP-003 Data Library on peakrc.org (Using your existing peakrc.org login information)

To meet Requirements 5 of standard:

Requested information (except real-time and near real-time data) may be posted to the TOP-003 Data Library.

Benefits:

- Single and common source of record for current version
- Automated alerts (remember disclaimer though)

Status:

The TOP-003 Data Library area on peakrc.org was made available to participants beginning December 6, 2016

Common approach:

- A “how to” guide was provided that included instructions for:
 - Uploading documents
 - Limiting permissions on a document
 - Alerting on changes/additions to a folder, subfolder or specific file
- After the initial posting, entities were notified that it had been posted.
- Entities may “subscribe” to receive alerts when that file is updated, but remember that Peak is not responsible for alert failures.

Common approach:

The following types of documents may be posted to the TOP-003 Data Library in support of satisfying data requests:

- Modeling diagrams and supporting documentation
- Forecast data (excluding near real-time)
- Other documents as requested (e.g., operational procedures)
- Points-of-Contact information for each entity
- List of all available ICCP points*

*Note that the TOP-003 area on Peak RC's secure site will not be used for real-time data exchange. The posted list of available ICCP points enables a requestor to identify data needed by Object ID to simplify the request process. Peak RC's established process for requesting ICCP data through Peak will not change as a result of TOP-003.

Future considerations:

- The responsibility of updating and maintaining the process and all documentation will lie with the WECC Energy Management System Work Group (EMSWG).
- All changes and proposed changes to the process and documentation will be discussed and enacted in future meetings of the EMSWG.
- Given the short timeline afforded for implementation of version 1 of this process, it is anticipated that future enhancements will be planned. Some enhancements currently under consideration include:
 - Automation of document posting – initially, documents that must be provided both to Peak RC (in accordance with IRO-010) and with others (in accordance with TOP-003) will need to be posted twice, once in each location. Future versions may include automation that will allow entities to upload a file to one location then the file will be replicated in other locations as necessary.
 - Modeling – initially, entities will be asked to post changes to their model. In future iterations, posting the full model may be encouraged.

BPA's Data Specifications:

- BPA has posted to Peak's TOP-003 Data Library
- At this time, BPA is not requesting any additional data
 - If you are currently providing data, continue to provide:
 - In the same format
 - The same frequency
- If BPA requires additional data, we will reach out to that entity and specifically request the data

Questions?

