



Member Impacting Project Overview:



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Version Control

Version	Date	Author	Change Description
1.0	05/19/2021	B. Fite	Initial version

Executive Summary

The EDST is the online application for Model Development (MD) and Resource Adequacy (RA) data submissions to meet NERC Standards (MOD-31-01, MOD-32-01), Integrated Transmission Planning requirements, and SPP Tariff Attachment AA.

The 3.0 release of EDST applies enhancements and fixes for both model development and resource adequacy to be implemented to production 07/01/2021. The model development enhancements contain both member-facing and member-impacting updates. These include modifications to existing screens and enhancements such as color updates and visibility improvements. The team will also add internal administrative functions, as well as fixes to validation functions and other minor fixes to this release.

In this document, the term "members" refers to any entities submitting data to the Engineering Data Submission Tool (EDST).

Business Impact

The processes for the annual SPP data submissions for Model Development and Resource Adequacy are the impacted business areas.

Affected?	Services Impacted by Changes
X	Eastern Interconnection
	Western Reliability Coordination
	Western Energy Imbalance Services Market

Users Impacted

The resources impacted include RA entities, who are Market Participants, Load Responsible Entities, or Generator Owners, required to submit data for NERC Standard MOD-031-2 and SPP Tariff Attachment AA. MD processes impact Interconnection Customer and Transmission Owners within the SPP Planning Coordinator (PC) footprint in accordance with NERC standard MOD-032 and the SPP Open Access Transmission Tariff (OATT)

Business Functions Impacted

Business Functions impacted include data submissions for Resource Adequacy and Model Development.

Technical Impact

There are no programming impacts to the members for this project.

The EDST release 3.0 will provide several enhancements and fixes that SPP staff will provide information on in the member testing kick off materials and during the EDST member-testing period.

SPP Systems/Processes Impacted

The EDST will be enhanced to provide historical features for administrators. No other systems are impacted.

Anticipated Member Systems/Processes Impacted

There are no member systems impacted by this project.

Member Requirements

No system changes are required. SPP Staff requests that members participate in the optional testing.

Testing

Testing Assumptions:

- All entities should have conducted connectivity testing to the appropriate Member Test Environment (MTE). This project timeline will not include connectivity testing.
- Members participating in the testing are knowledgeable of the tool.

Training

Training Assumptions:

- All data submitting companies will identify personnel to receive project-related training and/or documentation.

Implementation/Back-out Plan

Production Environment [PROD]

- EDST DB – A backup will be established for the EDST DB before it is made unavailable. This will allow technical staff to restore from the most recent data should something go wrong during the upgrade.
- Scripts run against the EDST DB
- Code pushed to server and IIS changes

Production Implementation Plan

- Six weeks prior to implementation to production, SPP Staff will coordinate efforts to notify members of the upcoming release of EDST 3.0
- Upon completion of the upgrade, notifications will be sent to Change User Forum (CUF) and the distribution lists
- After the release is implemented on 07/01/2021, SPP will unlock the site in accordance with the EDST calendar for open windows for data submitters

Back-Out Plan

- In the event that the release needs to be backed out, the project team will roll production back to the most recent release of the EDST.

Summary of Timeline

Date	Responsible Party	Action
02/01/2021-03/05/2021	SPP	Requirements Approved, Design, Build
03/01/2021-05/28/2021	SPP	SPP internal testing and development
06/08/2021-06/25/2021	Member / SPP	Member Testing phase; SPP testing support
07/01/2021	SPP / Member	Implementation to production

Project Assumptions

No assumptions have been identified.

Risks

No project risks have been identified.

Additional Documentation

Any additional documentation created for the project will be located in the CUF Project Information folder for EDST Release 3.0 on spp.org.

Communication Plan

Information about the project will be provided in each CUF meeting for the life of the project, either through a written report or presentation.

MIPO and Project Documentation

All project communication and information will be posted to the SPP Change User Forum Project Documentation folder: EDST 3.0

This MIPO will be updated upon change or with any new information, and according to the Member Project Touch Points and Deliverables. With any update, a redline version will be posted to the project documentation folder, and the CUF will be notified.

Next Steps

Action	Assignee	Status & Due Date
User unstructured testing in MTE	Data submitters	06/08/2021 – 06/25/2021

FAQs

Frequently asked questions will be added to the document as identified or necessary

Question	Origination	Answer

More Information

Once member testing begins, members can ask questions or get more information by completing an RMS ticket using "Project Inquiries" Quick Pick and this project's subject option (EDST 3.0).

RMS link: <https://spprms.issuetrak.com/login.asp>.

If a new user ID is needed for RMS, click on that link and follow the directions for "Register Now".