



EDST 2.6 TESTING KICK-OFF MEETING

SEPTEMBER 4, 2020

*Helping our members work together to keep
the lights on... today and in the future.*



SouthwestPowerPool



SPPorg



southwest-power-pool

AGENDA

- EDST Overview
- EDST Enhancements Overview
- Defect and Enhancement Reporting
- Accessing EDST
- Timeline
- Attachment AA Process / Submittal Clarifications
- Questions

EDST OVERVIEW

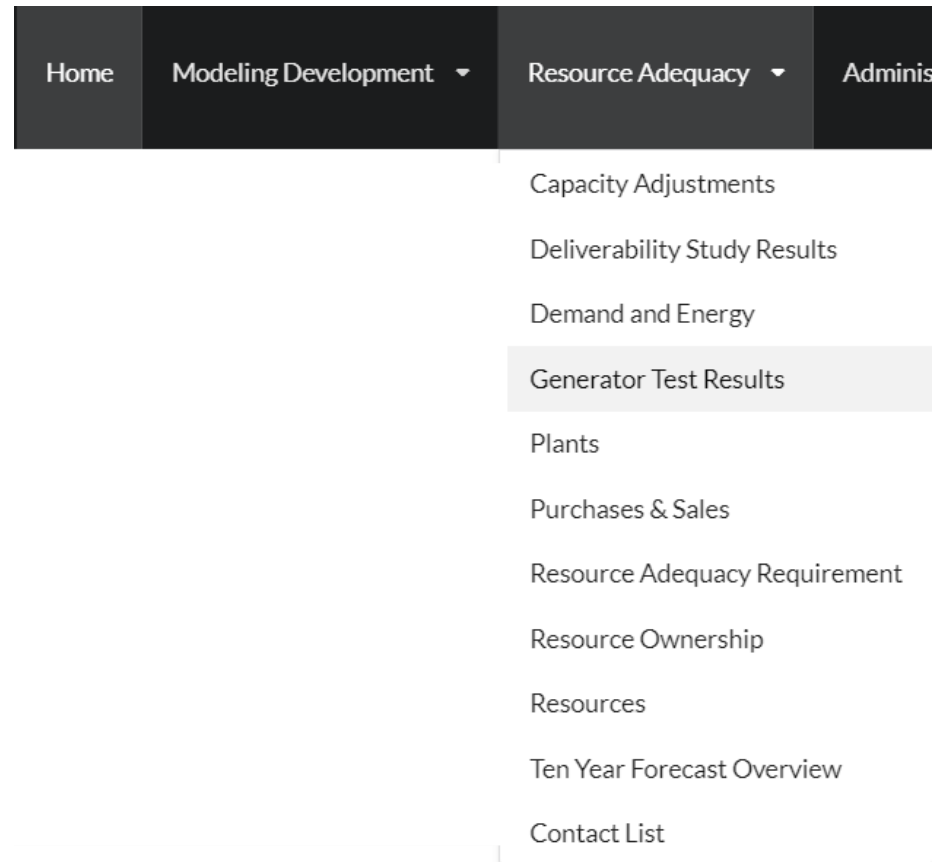
- Engineering Data Submission Tool (EDST)
- Online application for Model Development and Resource Adequacy data submissions
 - Used to meet NERC Standards (MOD-31-01 and MOD-32-01), Integrated Transmission Planning, and Tariff Attachment AA: Resource Adequacy requirements
 - Production since September 2018

ENHANCEMENTS OVERVIEW

- EDST 2.6 release will contain input from both members and staff
 - New Resource Adequacy screen – Generator Testing
 - Production release scheduled for October 1, 2020
- Impacts how entities submit some information for Attachment AA
- Needed from Members
 - Testing of new and enhanced screens

GENERATOR TEST RESULTS SCREEN

- After logging into EDST, navigate to the Generator Test Results screen under the Resource Adequacy drop down.



GENERATOR TEST RESULTS SCREEN

- The changeset process is similar to other screens (Resource Ownership, Plants, Resources, Purchase and Sales).
- Changeset Process
 - Enter a changeset name
 - Hit create changeset button
 - Add rows to changeset or create a new record (by hitting the plus sign, +, in the changeset details section)
 - Make any needed changes
 - Save changeset
 - Submit changeset

GENERATOR TEST RESULTS SCREEN

- Required Fields
 - Operational Testing Section
 - Operational Test Net MW
 - Operational Test Date
 - Operational Test Duration (Hr)

GENERATOR TEST RESULTS SCREEN

- Required Fields
 - Capability Testing Section
 - Summer Capability Test Gross MW
 - Summer Capability Test Net MW
 - Summer Capability Test Date
 - Summer Capability Test Duration (Hr)
 - Summer Capability Recorded Dry-Bulb Temp
 - Rated Cooling Dry-Bulb Temp

GENERATOR TEST RESULTS SCREEN

- Optional Fields
 - Operational Testing Section
 - None (all 3 fields are required)
 - Capability Testing Section
 - Summer Capability Recorded Wet-Bulb Temp
 - Summer Capability Recorded Condenser Cooling Water Inlet Temp
 - Barometric Pressure
 - Rated Cooling Wet-Bulb Temp
 - Weather Station Name

GENERATOR TEST RESULTS SCREEN

- Optional Fields
 - Capability Testing Section (continued)
 - Winter Capability Test Gross MW
 - Winter Capability Test Net MW
 - Winter Capability Test Date
 - Winter Capability Test Duration (Hr)
 - Winter Capability Recorded Dry-Bulb Temp
 - Rated Heating Dry-Bulb Temp

REPORTS SCREEN

- View Reports for:
 - Approved Only
 - Draft and Approved
 - Queued and Approved
 - All - Draft, Queued, and Approved
- Use the above report options in the following screens:
 - Deliverability Study Results
 - Resource Adequacy Requirement
 - Ten Year Forecast Overview

ENHANCEMENTS AND DEFECTS

- Tier 1, 2, and 3 Calculations on the 10 Year forecast report
- Submittal year pie chart on the 10 Year forecast report
- Buttons added to the Plants and Resources screens
 - Abandon changeset button
 - Return to draft button
- Validation messages on changeset screen
- Allow for resale/wheeling transactions

ENHANCEMENTS

- Distinction of Hydro resources
 - Run the River - (Water - Run the River)
 - Conventional Hydro - (Water - Conventional)
- **Allow users to turn off notifications**
 - Changeset Emails
 - Posting Reminder Emails
- Filtering options not based on first letter
- Fix column widths
- Drag and drop attachments for changesets (mostly for MOD submissions)
 - Not to replace Globalscape submissions for RA processes.

ENHANCEMENTS

- Removed up/down arrows on numerical value fields
- Demand and energy screen
 - Export to excel
 - Bulk upload / import
- Deliverability Percentage shown on Plants screen
 - Non-editable field

TEST ENVIRONMENT

- All testing will occur in the Member Testing Environment (MTE) of EDST
 - Please make sure correct environment is selected before testing
 - URL to MTE EDST: <https://edstool.itesppmembers.org/EDST/#/>
- SPP supports the latest version of the following web browsers:
 - Internet Explorer
 - Chrome - Suggested
 - Firefox
- Members using older versions of browsers may not be able to view EDST

DEFECT AND ENHANCEMENT REPORTING

- Testers can ask questions or submit defects by completing a RMS ticket using the RMS link:
<https://spprms.issuetrak.com/login.asp>
- Inquiries can be submitted through RMS using the 'Project Inquiries' for Request Type and 'EDST 2.6' for Subtype 1

* Request Type:

* Subtype 1:

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

ACCESSING EDST

- Anyone needing access, who was unable to attend the training session, can request access by contacting SPP via a RMS Ticket using the 'Engineering Planning' for Request Type, then select the 'Engineering Data Submission Tool' for Subtype 1, then select 'Resource Adequacy' for Subtype 2.
 - Specify who the access is for and provide their email address and what company they need access to
- **When a new user is registered, they will receive two emails**
 - The first email will inform the user they have been registered to EDST and it will include the link to the EDST website
 - The second email will contain the password for the new account

TIMELINE

Deliverable	Start	Complete
User Testing Kickoff Call	9/4/2020	9/4/2020
User Testing in MTE	9/4/2020	9/21/2020
Implementation into Production	10/1/2020	10/1/2020

ATTACHMENT AA PROCESS / SUBMITTAL CLARIFICATIONS

- Per Attachment AA, the following items must be submitted (go through a changeset in EDST) every year:
 - Capability Test Results (performed at least every 5 years)
 - Operational Test Results (performed every year)
- Testing results to be submitted in EDST on new Generator Testing screen starting October 1, 2020
- Testing documentation does not have to be submitted in Globalscape

QUESTIONS

- For questions, please contact ResourceAdequacy@spp.org or SPP RMS

