EDST 2.6 TESTING KICK-OFF MEETING
SEPTEMBER 4, 2020
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
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](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
- 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

<table>
<thead>
<tr>
<th>Deliverable</th>
<th>Start</th>
<th>Complete</th>
</tr>
</thead>
<tbody>
<tr>
<td>Implementation into Production</td>
<td>10/1/2020</td>
<td>10/1/2020</td>
</tr>
</tbody>
</table>
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