



# EDST 2023.1.0.0 TESTING KICKOFF

JUNE 13, 2023

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



SouthwestPowerPool



SPPorg



southwest-power-pool

# AGENDA

- EDST Overview
- Enhancements Overview
- Resource Adequacy Enhancements
- Model Development Defects
- Accessing EDST
- Timeline
- 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 2023.1.0.0 release enables submission of winter data needed to facilitate identification of resource deficiency payments
  - Production release opens July 11, 2023
- Added scope: Critical model development defect fixes
- Member Request
  - Voluntary testing of new items and enhanced screens

# ENHANCEMENTS

RESOURCE ADEQUACY

# ENHANCEMENTS

- Changeset functionality removal on multiple pages
- Validations message structure and displays
- Report front-end
- Report type selections
- Rollover capabilities
- Home screen look and feel

# CHANGESET FUNCTIONALITY

- Remove changeset functionality on multiple pages:
  - Capacity Adjustments
  - Resource Ownership
  - Purchases & Sales
  - Demand & Energy
  - Plants
  - Resources
  - Generator Test Results

# VALIDATIONS MESSAGE STRUCTURE AND DISPLAYS

- Update validations message structure and displays
  - Create Validations Message Structure page for RA
  - Change displaying and managing of EDST RA Validations



# REPORT FRONT-END

- Display Chart title changes on Resource Adequacy Requirement Page
- Remove Charts from Resource Adequacy Requirement Page
- Modify Grids to include Winter Data on Resource Adequacy Requirement Page
- Modify 10 Year Forecast Overview page

# REPORT TYPE SELECTIONS

- Remove REPORT TYPE drop down from:
  - Resource Adequacy Requirement page
  - Deliverability Study Results page
  - 10 Year Forecast Overview page
- Add new SEASON drop down functionality to:
  - Resource Adequacy Requirement Page
  - 10 Year Forecast Overview page
- Update EDST RA Reports based on Attachment AA language changes

# HOME SCREEN, HISTORICAL, ROLLOVER

- Rework EDST Home screen
- Change EDST RA Historical Data
- Change EDST Rollover at the page level for RA

# DEFECTS

MODEL DEVELOPMENT

# DEFECTS

- Columns not exporting correctly to Excel – Transactions BaseCase Data
- Need validation to make sure OutagesBase is not referencing removed Generator
- Issue with accessing attached documents

# TESTING DETAILS

EDST 2023.1.0.0

# TEST ENVIRONMENT

- All testing will occur in the EDST member testing environment (MTE)
  - Be sure to select correct environment before testing
  - URL to MTE EDST: <https://edst-mte.itespp.org/login>
- SPP supports the latest version of these web browsers:
  - Microsoft Edge
  - Chrome – suggested
  - Firefox
- Older browsers may not be able to view EDST

# DEFECT AND ENHANCEMENT REPORTING

- Testers can ask questions or submit defects by completing an RMS ticket at <https://spprms.issuetrak.com/login.asp>
- Inquiries can be submitted through RMS using the Request Type "Inquiry," Subtype 1 "Projects/Initiatives," and Subtype 2 "EDST Testing"

* Request Type:	<input type="text" value="Inquiry"/>
* Subtype 1:	<input type="text" value="Projects / Initiatives"/>
* Subtype 2:	<input type="text" value="EDST Testing"/>

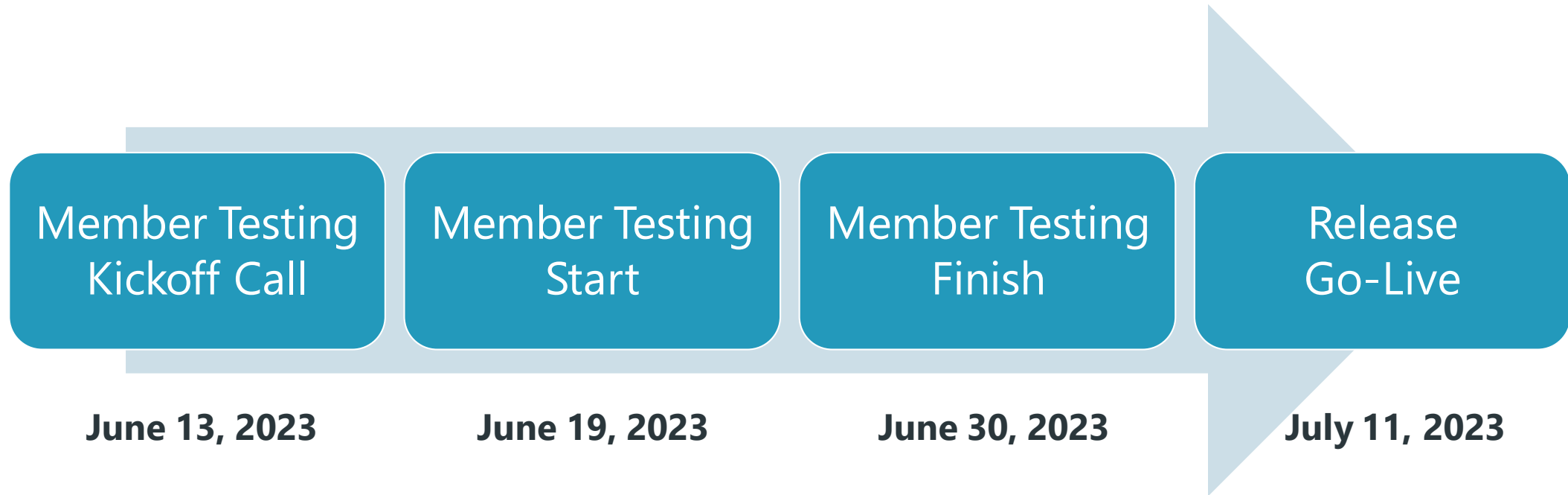
- If a new user ID is needed for RMS, click on the link above and follow the directions for "Register Now"



# ACCESSING EDST

- Anyone needing access can request access by contacting SPP via an RMS ticket
  - Specify who the access is for and provide their email address and what company they need access to
    - *For MD, a signed NDA is required for access*
- Upon registering, a new user will receive two emails:
  - The first will inform the user they have been registered to EDST and it will include the link to the EDST website
  - The second will contain the password for the new account

# TIMELINE



# QUESTIONS?

RA: [RESOURCEADEQUACY@SPP.ORG](mailto:RESOURCEADEQUACY@SPP.ORG)

MD: [SPPENGINEERINGMODELING@SPP.ORG](mailto:SPPENGINEERINGMODELING@SPP.ORG)

RMS [HTTPS://SPPRMS.ISSUETRAK.COM/LOGIN.ASP](https://spprms.issuetrak.com/login.asp)