



Joint eDART XML Forum / eDART Forum

March 16, 2022

- eDART Refresh Update
- April 2022 Enhancements
- Future Enhancements
- Question and Answer Resolution



eDART Refresh Update

Retirement of eDART Browserless in Production

- Retired in Train on November 3, 2021
- Impacts: Users currently integrating with eDART via filetransfer.jar, edartrest.jar, or custom product (unless necessary updates are made).
- Requests must include a Basic authentication header and a 'dart' parameter with a value of 'true'.
- Examples of how to use the PJM-CLI, and how to construct the Basic authentication header, can be found in: [Dart Browserless User Guide](#).
- Users notified weekly (still using legacy browserless interface)
- SOS reps notified for companies with users using legacy browserless interface.

With the eDART refresh, management of eDART user accounts will be migrated to Account Manager.

- Implementation Timeline: TBD
- Account Manager will be used for all new eDART account requests
- Plans currently underway to:
 - Review existing eDART accounts and update email addresses
 - Clean up dormant and invalid accounts
 - Work with eDART Company Account Managers (CAMs)
 - Review window: **Q1/Q2, 2022**
- See [Migration to Account Manager FAQ](#) on [eDART Forum](#) home page



April 2022 Enhancements

Production release of April enhancements scheduled for Wednesday-Thursday, April 20-21, 2022

- eDART unavailability will be announced at least three business days prior
- Train release scheduled for Thursday, March 31st

Posting frequency of the Today historical ratings file changing from every 10 minutes to once per hour

- Improve system performance

Historical Ratings reports available:

- In eDART (Trans. Tickets → Public Files)
- [PJM – Ratings Information](#)

Historical Ratings

Contains 4 historical zip files for previous posts around the PJM Ratings, PJM Temporary Ratings, PJM NERC Alert Ratings and Dynamic Rating Line Forecast (per DLR equipment owner).

Historical Ratings are available for 72-96 hours:

- Today [ZIP](#)
- Yesterday [ZIP](#)
- 2 days ago [ZIP](#)
- 3 days ago [ZIP](#)

New functionality in eDART to enable submission, by TO, and review of Voltage Schedule (VS) Criteria in accordance with VAR-001-5 R5.3 standard.

Status Definitions

- Submitted: new VS Criteria status when submitted to PJM
- Approved: VS Criteria reviewed and approved by PJM
- Denied: VS Criteria reviewed and not approved by PJM
- Active: Approved VS Criteria is in effect
- Completed: VS Criteria is no longer in effect; may be replaced by a new Active VS Criteria
- Cancelled: VS Criteria cancelled by PJM or TO

Creating VS Criteria – TO

- Go to Transmission Outage Main Menu → Voltage Schedules Criteria
 - This button is red if there is no Submitted, Approved or Active VS Criteria OR VS Criteria was Denied in the last 5 days
 - VS Criteria can be pre-populated if submitted to VoltageSchedules@pjm.com ahead of the release (4/20-4/21)
- Click on Create New Criteria and enter Criteria and Effective Date
 - Files can be attached to the VS Criteria after creation

Creating VS Criteria - TO

Voltage Schedule Criteria Report

Status: Submitted Approved Denied Canceled by Company Canceled by PJM Active Completed Include Notifications: Include History: From Date: To Date:

[Apply Filter](#) [Refresh](#) [Create New Criteria](#) [Main Menu](#)

Generation Reports

- Generation Ack. Required
- Owners Report
- Tickets Active Tomorrow
- D-Curve Report
- Reactive Test Result
- Nuclear Voltage Limit
- Voltage Schedules**
- Voltage Schedules Criteria**

Notifications: 110

New Voltage Schedule Criteria

Company: Effective Date:

Criteria:

[Submit Form](#) [Refresh](#) [Back to Report](#) [Main Menu](#)

Viewing VS Criteria

- Go to Transmission Outage/Generator Tickets Main Menu → Voltage Schedules Criteria
- For TOs:
 - Check 'Include Notifications' to include VS Criteria from TOs of Informational VS Tickets
- For GOs:
 - Check 'Include Joint Owned' to include VS Criteria from TOs of Informational VS Tickets
 - Only Active and Completed VS Criteria can be viewed

Viewing VS Criteria

Check to include VS Criteria completed or cancelled 40 or more days ago

TO View

Voltage Schedule Criteria Report

Status: Submitted Approved Denied Canceled by Company Canceled by PJM Active Completed Include Notifications: Include History: From Date: To Date:

Apply Filter Refresh Create New Criteria Main Menu

ID	Company	Status	Eff. Date	Start Date	End Date	Criteria	Files
4662		Approved	03/31/2022			Test VS Criteria	Download (2 files)
4684		Denied	03/29/2022			Test	Download (0 files)

Apply Filter Refresh Create New Criteria Main Menu

GO View

Voltage Schedule Criteria Report

Status: Active Completed Include Joint Owned: Include History: From Date: To Date:

Apply Filter Refresh Main Menu

ID	Company	Status	Eff. Date	Start Date	End Date	Criteria	Files
4682		Active	03/09/2022	03/09/2022		test	Download (2 files)

Apply Filter Refresh Main Menu

Click to download zip of attached files and text file with information in Criteria field

Viewing/Revising VS Criteria

TO View

Voltage Schedule Criteria Report

Status: Submitted Approved Denied Canceled by Company Canceled by PJM Active Completed Include Notifications: Include History: From Date: To Date:

ID	Company	Status	Eff. Date	Start Date	End Date	Criteria	Files
4662	[Redacted]	Approved	03/31/2022			Test VS Criteria	Download (2 files)
4684	[Redacted]	Denied	03/29/2022			Test	Download (0 files)

Voltage Schedule Criteria Review (4662)

Company: [Redacted] Status: Approved Effective Date: 03/31/2022

Criteria:

Test VS Criteria

PJM Comments:

Approved

History Log		
Status	User	Time
Approved	[Redacted]	03/14/2022 10:29
Submitted	[Redacted]	03/08/2022 10:20

User request to change format of ticket IDs in eDART to be more readable as IDs are growing (6-7 digits long)

- Pilot of the format change starting with TERM tickets
- New ticket ID format: YYYYMM####
 - #### = ID sequence that will restart each month
 - YYYYMM = submission year and month

TERM Ticket Revision

Ticket ID: 2022030078 User: [mjones](#) Company: [Appalachian Power Company \(APC\) \(NYSE: AEP\)](#)

Company Ticket ID:

Trans Ticket ID:

Reason for Changes: Special parallel line ratings Planned Permanent Est. Start: 04/05/2022 11:00

Ticket Status: Received Immediate Temporary Est. End: 04/29/2022 11:00

Dynamic: No Actual Start: Actual End:

- Changes to Modeling Requests on Transmission Tickets
 - Currently returning '404 Not Found' error if user clicks Un(Check) All and there are no attachments to un(check)
 - User friendly error message will be returned
 - Clicking on Request # will open read only version of Modeling Requests
 - Read/Write version may result in opening pop-up windows within pop-up windows
- Edit to text for Dynamic Ratings Forecast error message
 - Added missing space

- Bug fix for View/Revise Gen Ticket Filter
 - Currently, Forecasted Planned tickets are not returned unless Forecasted Planned is selected as Outage Type
 - Change to ensure that if Ticket ID is provided, ticket is returned regardless of other filter parameters



Future Enhancements

Phase 1: upload and download of forecasted ratings

Phase 2 (June 2022):

- New process to identify equipment available for DLR
- Submission of TERM tickets for DLRs
- Auto generation and closure of Temporary TERM tickets for DLRs

- Enhancements to TERM ticket acknowledgement (June 2022):
 - Addition of status filters in acknowledgement report
 - Ability to bulk acknowledge tickets
 - Auto removal of historical tickets from report
- Enhancements to TERM application in eDART in response to FERC Order 881 as discussed during [3/10 OC Meeting](#)
- Browserless interface for Nuclear Voltage Limits tool in eDART
 - XML uploads and downloads for NGOs
 - XML downloads for applicable TOs

Chidi Ofoegbu (eDART SME),
chidi.ofoegbu@pjm.com

Beth Schweser (IT Lead),
beth.schweser@pjm.com

eDART Help: edarthelp@pjm.com

Maria Baptiste:
maria.baptiste@pjm.com



Member Hotline

(610) 666 – 8980

(866) 400 – 8980

custsvc@pjm.com