



eDART Forum

March 6, 2023

- eDART Spring Model Build
- eDART Refresh Update
- March 2023 Enhancements
- Future Enhancements
- Question and Answer Resolution

- eDART Advance Spring 2023 Model Build occurred on February 28.
 - [GO and TO Users] Download updated equipment lists in eDART
 - [TO R/W Users] Transmission Tickets can be created or updated with future equipment
 - Equipment List/Complete Descriptions file: <https://edart.pjm.com/reports/equiplist.csv> will be updated on Model Build Date: March 14.



eDART Refresh Update

Retirement of eDART Browserless in Production

- filetransfer.jar was replaced with PJM CLI
- Retirement date ETA Q3/2023
- eDART team available to help as needed
- See [Browserless User Guide](#) for more information

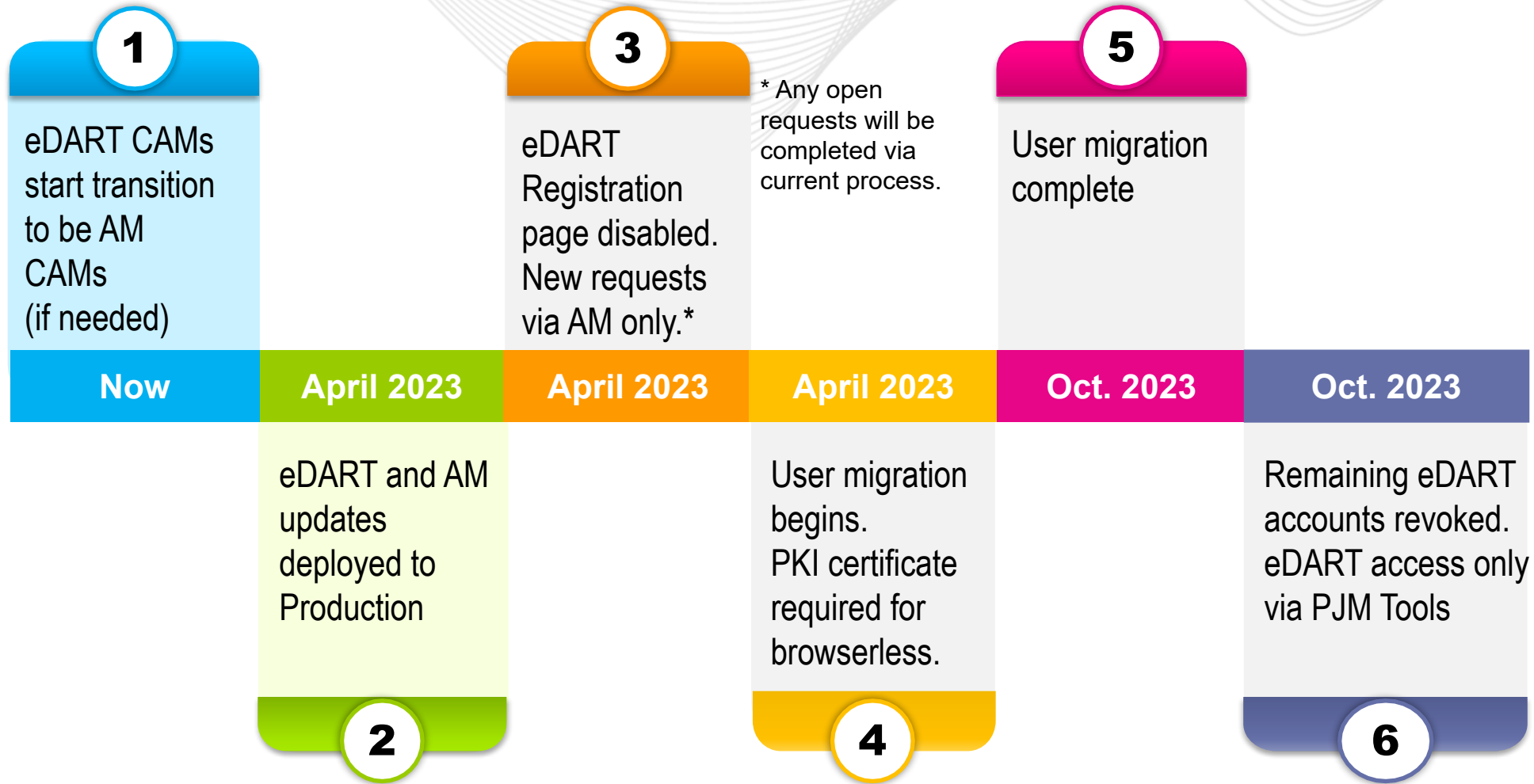
With the ongoing eDART refresh, management of eDART accounts will be handled exclusively in Account Manager (AM):

- New user account creation
- Granting eDART access to existing user accounts
- Password resets
- Unlocking accounts
- Terminating eDART access

In preparation for this effort, during 2022:

- New eDART account requests were also set up with a corresponding account in AM with a matching User ID
- eDART CAMs assisted with clean-up effort:
 - Reviewed and updated existing accounts
 - Identified System Accounts
 - Identified AM User ID (where available)
 - Cleaned up dormant and invalid accounts using [eDART Registration Form](#)

2023 Migration Timeline (Tentative)



Communication will be sent out for each milestone.

- System accounts in Account Manager cannot be used to access the UI.
 - Users will need a separate individual account if UI access is desired.
- eDART Production and eDART Train access will need to be requested and managed separately in Account Manager.
- Special eDART Forum for Account Migration was held on 2/22: click for [meeting presentation](#)



March 2023 Enhancements

Production release of March enhancements scheduled for Wednesday-Thursday, March 29-30, 2023

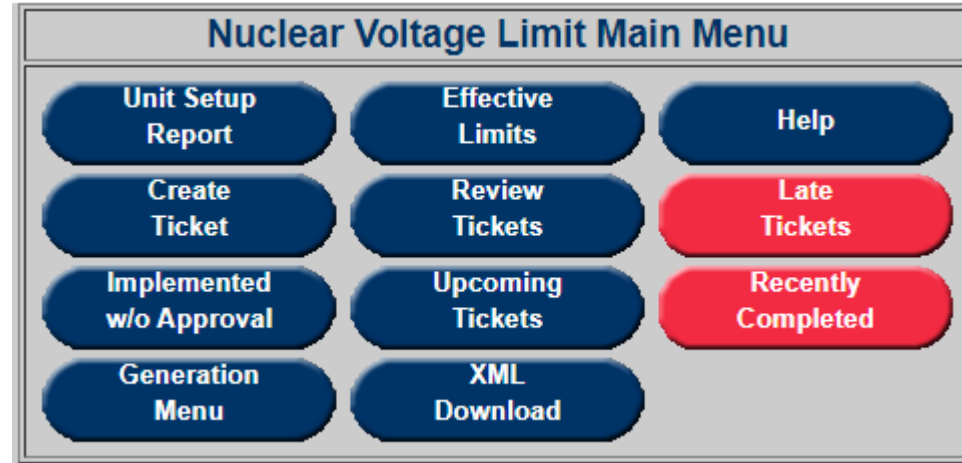
- eDART unavailability will be announced at least three business days prior
- Train release scheduled for Wednesday, March 15

[Nuclear Voltage Limits](#) (NVL) tool deployed in eDART (UI only) in January 2020.

Browserless Interface (CLI):

- Uploads for the forms on the UI
 - Available to NGOs only
- Downloads for the reports on the UI
 - Available to NGOs and TOs

Details discussed during March 6 eDART XML Forum meeting.



eDART UI	Browserless Type	Download Type	Audience
Unit Setup Report	Download	nbvlunitsetup	NGO & TO
Effective Limits	Download	nbvllimits	NGO & TO
Create Ticket	Upload	N/A	NGO
Revise Ticket	Upload	N/A	NGO
Review Tickets	Download	nbvl	NGO & TO
Late Tickets Report	Download	nbvlticketreport <i>(specific reports returned based on parameters and status)</i>	NGO & TO
Implemented w/o Approval Report			
Upcoming Tickets Report			
Recently Completed Report			

Nuclear Voltage Limit Main Menu

Unit Setup Report	Effective Limits	Help
Create Ticket	Review Tickets	Late Tickets
Implemented w/o Approval	Upcoming Tickets	Recently Completed
Generation Menu	XML Download	

Nuclear Voltage Limit XML Download

Unit Setup (nbvlunitsetup)	<input checked="" type="checkbox"/> Save as a File? Download
Effective Limits (nbvllimits) id: <input type="text"/> includeHistorical: <input type="checkbox"/> effectiveDate: <input type="text" value="03/06/2023 10:40"/> (mm/dd/yyyy hh:mi)	<input checked="" type="checkbox"/> Save as a File? Download
Tickets (nbvl) id: <input type="text"/> Comma separated list includeAttachments: <input type="checkbox"/>	<input checked="" type="checkbox"/> Save as a File? Download
Ticket Report (nbvlticketreport) id: <input type="text"/> Comma separated list status: <input type="text"/> <small>Comma separated list: (Approved, Cancelled by Company, Completed, Denied, Implemented, Implemented w/o Approval, PJM Admin Closure, Received, Restored, Retired, Revised, Submitted)</small> startDate: <input type="text"/> (mm/dd/yyyy) stopDate: <input type="text"/> (mm/dd/yyyy) permanent: <input checked="" type="checkbox"/> temporary: <input checked="" type="checkbox"/> includeHistorical: <input type="checkbox"/> late: <input type="checkbox"/> upcoming: <input type="checkbox"/> recent: <input type="checkbox"/> showHistory: <input type="checkbox"/>	<input checked="" type="checkbox"/> Save as a File? Download

Back

- Pilot to have XML Downloads available via the applicable module instead of the Download UI
- Mimics CLI usage

User request to add latest ticket information to the Reactive Testing Unit Report to support review of Past Due unit testing.

Reactive Testing Unit Report

Company:	Unit Type:
Delaware Municipal Electric Corporation, Inc.	▼
Reactive Test Ticket Submitted:	Unit Last Tested:
From: <input type="text"/> To: <input type="text"/>	From: <input type="text"/> To: <input type="text"/>
Include Retired: <input type="checkbox"/> Include Test Excluded: <input type="checkbox"/> Test Due in 12 months: <input type="checkbox"/> Past Due: <input type="checkbox"/>	

Apply Filter
Refresh
Main Menu

Type	Unit ID	Commercial Name	ICAP	Effective Date	Retired Date	Last Test Date	Next Test Deadline	Latest Ticket	Latest Ticket Status	Latest Ticket Submit Date	Latest Ticket Test Date	Include in Reactive Test
Combustion Turbine	6275	DELMER 1	47	08/29/2002		12/23/2019	06/23/2025	5548	Test Letter Issued	03/19/2020	12/23/2019	☑
Combustion Turbine	6276	DELMER 2	49	06/01/2012		12/04/2019	06/04/2025	5549	Test Letter Issued	03/19/2020	12/04/2019	☑

Submit Form
Apply Filter
Refresh
Main Menu

- ‘Pink’ color legend updated to reflect that SE MW is applicable to Units/Condensers and SE MVAR is valid for other types.
- SE MW will also be highlighted for Units/Condensers instead of SE MVAR.

Before

Color Legend
eDART Unavailable and SE MW is not 0
Mismatch between eDART AVR and EMS AVR
Future Equipment
Retired Equipment
Regular
Close Window

After

Color Legend
eDART Unavailable and SE MVAR / SE MW(Units/Condensers only) is not 0
Mismatch between eDART AVR and EMS AVR
Future Equipment
Retired Equipment
Regular
Close Window

Transmission Notifications Request Form allows certain transmission read/write users to request X (ownership) or Y (notification) access to equipment for the TO.

Several user requests to add Y notification for multiple equipment at the same time.

- Current functionality allows request for one equipment at a time.
- New functionality to allow bulk request (Y notification only):
 - Per zone
 - Per station

Notification Reports

[Transmission Ack. Required](#)
 [Notifications Report](#)
 [Notifications Request Form](#)

Notifications: 526

Per Station:
 Select Zone and Station then Submit Form.
 Click 'Set All Y' and then Submit Form.

Per Zone:
 Select Zone and click All Zone Equip.

Notification Request Form Filter

Company: [NIPS](#) User: [Public](#)

Zone	Station	Voltage	Type	Equipment Modeled Since Date
NIPS				

[Submit Form](#)
 [All Zone Equip.](#)
 [Main Menu](#)

Company Notification Request Form

Company: [NIPS](#) Zone: [NIPS](#) Station Name: [17LTV2](#)

Type	Voltage	Equipment Name	Effective Date	Type Requested
LINE	138 KV	17LTV2-17LTV3	02/21/2003	<input type="checkbox"/>
LINE	138 KV	17LTV2-PRAXAIR1 LTV-PRAX	03/10/2020	<input type="checkbox"/>
LD	138 KV	17LTV2 A LOAD	03/10/2020	<input type="checkbox"/>
BRKR	138 KV	17LTV2 0841 CB	03/10/2015	<input type="checkbox"/>
BRKR	138 KV	17LTV2 DUM16068	12/16/2004	<input type="checkbox"/>
BRKR	138 KV	17LTV2 DUM16070	12/16/2004	<input type="checkbox"/>
BRKR	138 KV	17LTV2 DUM16081	12/16/2004	<input type="checkbox"/>
BRKR	138 KV	17LTV2 08-LN2 CB	12/08/2020	<input type="checkbox"/>
BRKR	138 KV	17LTV2 41-XFR1 CB	12/08/2020	<input type="checkbox"/>
BRKR	138 KV	17LTV2 DUME1 DIS	03/10/2020	<input type="checkbox"/>
BRKR	138 KV	17LTV2 DUME2 DIS	12/08/2020	<input type="checkbox"/>
BRKR	138 KV	17LTV2 LN2-X1 CB	12/08/2020	<input type="checkbox"/>

[Submit Form](#)
 [Refresh](#)
 [Set All Y](#)
 [Back](#)
 [Main Menu](#)

Future Enhancements

These will be available after account migration to Account Manager:

- Browserless Interface for Company Distributed Workflow
Member-Agent functionality
 - New parameter: -q cdwcompany
 - Parameter is a number, the ID of the Member company (client)
- User Requests in eDART for CAMs
CAMs will be able to customize eDART accounts via User Requests functionality.
 - Previously done via ‘Comments’ section of eDART registration form.

User Request available from My eDART

User Requests

User: Submitted Received Denied Fully Provisioned Partially Provisioned Canceled Last 30 Days

Action	Req ID	Company	User	Qualification	Request	PJM Comments	Status	Last Update
○	1			Generation R/W	Test request.		Submitted	02/22/2023 11:49 History

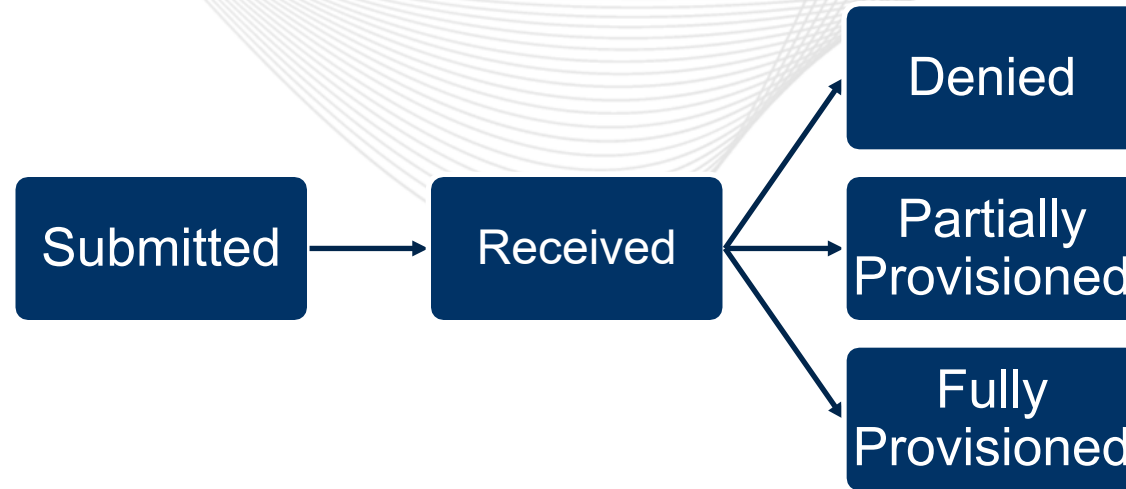
New User Request

User:

Request:

User Request History

Status	User ID	Timestamp
Submitted	dpr_pjm	02/22/2023 11:49



- Submitted: Request submitted for selected user account
- Received: eDART admins reviewing request
- Denied: Request cannot be provisioned (comments included)
- Partially Provisioned: User account updated different from request (comments included)
- Fully Provisioned: User account updated as requested
- Cancelled: Requested cancelled by Account Manager CAM

Revisions to the *pro forma* Open Access Transmission Tariff (OATT) and the Commission's regulations under the Federal Power Act to improve accuracy and transparency of electric transmission line ratings.

- Impacts eDART TERM Application
- eDART Project begins January 2023
- Compliance due July 2025
- See [presentation](#) from 10/07/2022 OC Special Session for Order 881 Compliance

2023 Deliverables:

- Functionality to submit and view ratings lookup tables
- Functionality to manage AAR exceptions and TO Methodology
- AAR Seasonal rating functionality
- Ability to pull ratings for the Operations Time Horizon for all eDART users.
- Enhancements available in Train only
 - CLI to support current and new functionality
 - UI updated to reflect new functionality

Future dedicated eDART Forums to discuss enhancements in detail

The request below has been canceled per notification from the DMS Officers. Contact dms_officers@pjm.com with any concerns.

TO request for email notification to be sent to TOs when:

- *Network Model request status changes.*
- *Files are added or removed.*

Will need group emails set up per TO (similar to Annual Tariff Review)

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

Maria Baptiste (eDART SME),
maria.baptiste@pjm.com

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

eDART Help: edarthelp@pjm.com



Member Hotline

(610) 666 – 8980

(866) 400 – 8980

custsvc@pjm.com