



eDART Forum

November 21, 2023

- eDART Browserless Retirement
- Winter Model Build
- Future Enhancements
- Recent Enhancements
- eDART Throttling Functionality
- eDART Account Migration Updates
- Question and Answer Resolution

Retirement of eDART Browserless in Production

- filetransfer.jar was replaced with PJM CLI
- Retirement occurred **11/01/2023**
- See [Browserless User Guide](#) for more information

- eDART Advance Winter 2023 Model Build planned for week of November 27
 - [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: December 12

Future Enhancements

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.

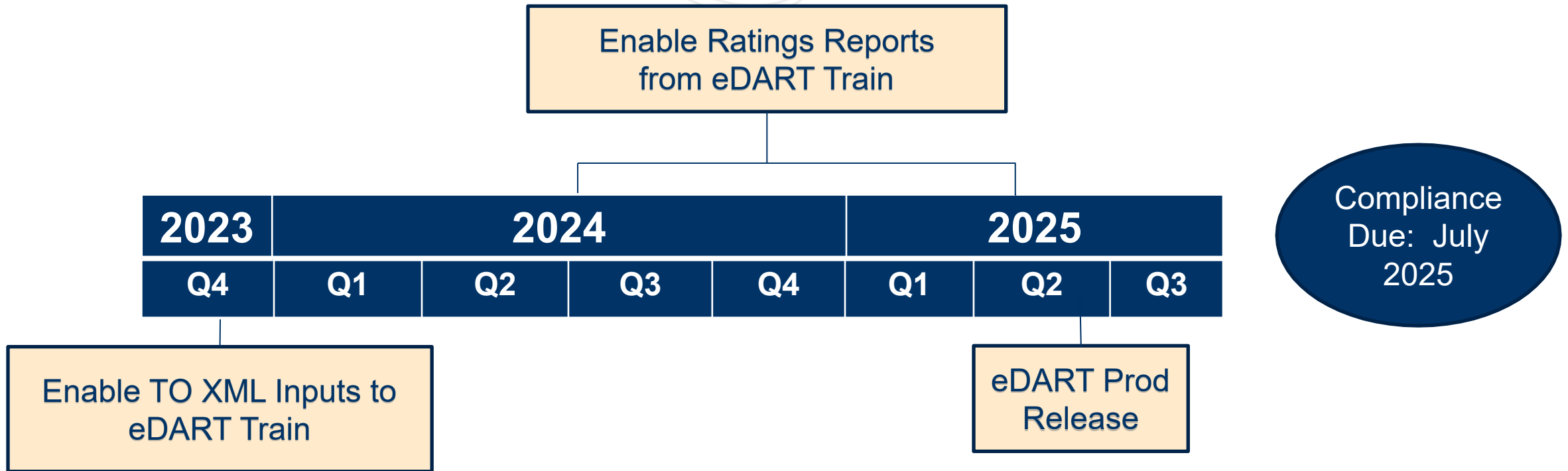
- Impacts eDART TERM Application
- eDART Project underway
- Compliance due July 2025

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 to be available in Train only until Q2 2025
 - CLI to support current and new functionality
 - UI updated to reflect new functionality

See [presentation](#) from 5/8/2023 Special eDART Forum – FERC Order 881

High Level Timeline: eDART Order 881 Enhancements*



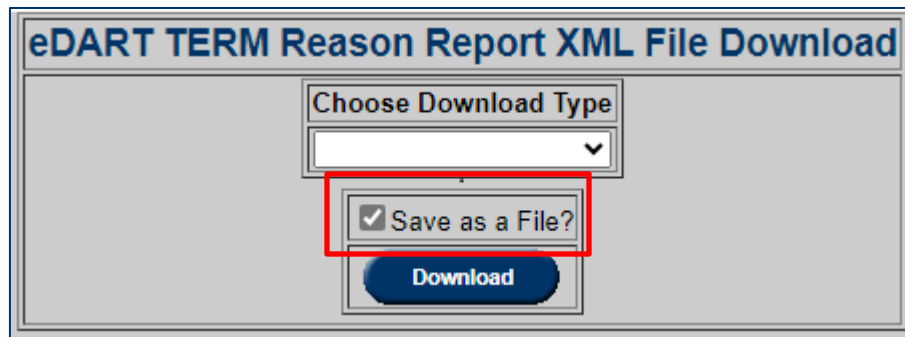
* Scope and timelines are tentative.



Recent Enhancements

Release Date Change: November 8
to November 29

- Previous: user option to save or display XML file when using the browser to download the file.
- Current: user option replaced with automatic action to download the file for the user.
 - No business case for displaying the XML on the browser
 - Recommendation after technical review

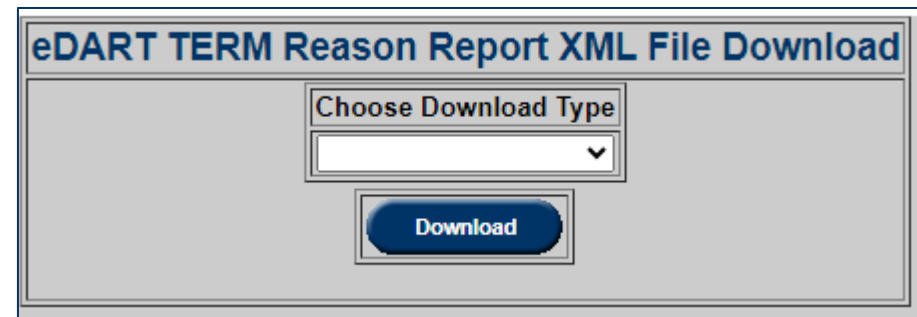


eDART TERM Reason Report XML File Download

Choose Download Type

Save as a File?

Download

eDART TERM Reason Report XML File Download

Choose Download Type

Download

New parameter to be added for CDW Agent user to specify which CDW Member the Dart browserless call is for.

- Parameter = cdwshortname
- Value = short name of the CDW Member
- By default, Dart browserless call will be made for CDW Agent

‘cdwcompany’ parameter recently added for the same function using the Company/Account ID.

- Error will be returned if cdwcompany and cdwshortname are provided and conflict

e.g. (migrated/SSO user)

```
%CLIENT% -s %APP_URL% -a rest/secure/upload --httpType POST -q  
dart=true-f C:/path/to/file -q cdwshortname=PJM
```

eDART Throttling Functionality

- Throttling implements a minimum duration between download actions in eDART.
- Why
 - Prevents potential abuse of the system
 - Prevents slow down in system performance due to unreasonable overload
- Throttle implementation is
 - based on data change rate
 - system conditions including observed usage
 - per area (not global)

- Types
 - Public files: posted on [pjm.com](https://www.pjm.com)
 - Throttling is done per IP address
 - Reset every time data changes in the files
 - No throttle if files are downloaded from the eDART UI
 - Throttle message:
'[file name] file requested by this IP Address has not been updated since your last successful attempt on [timestamp]. For any questions, please contact eDARTHelp@pjm.com.'

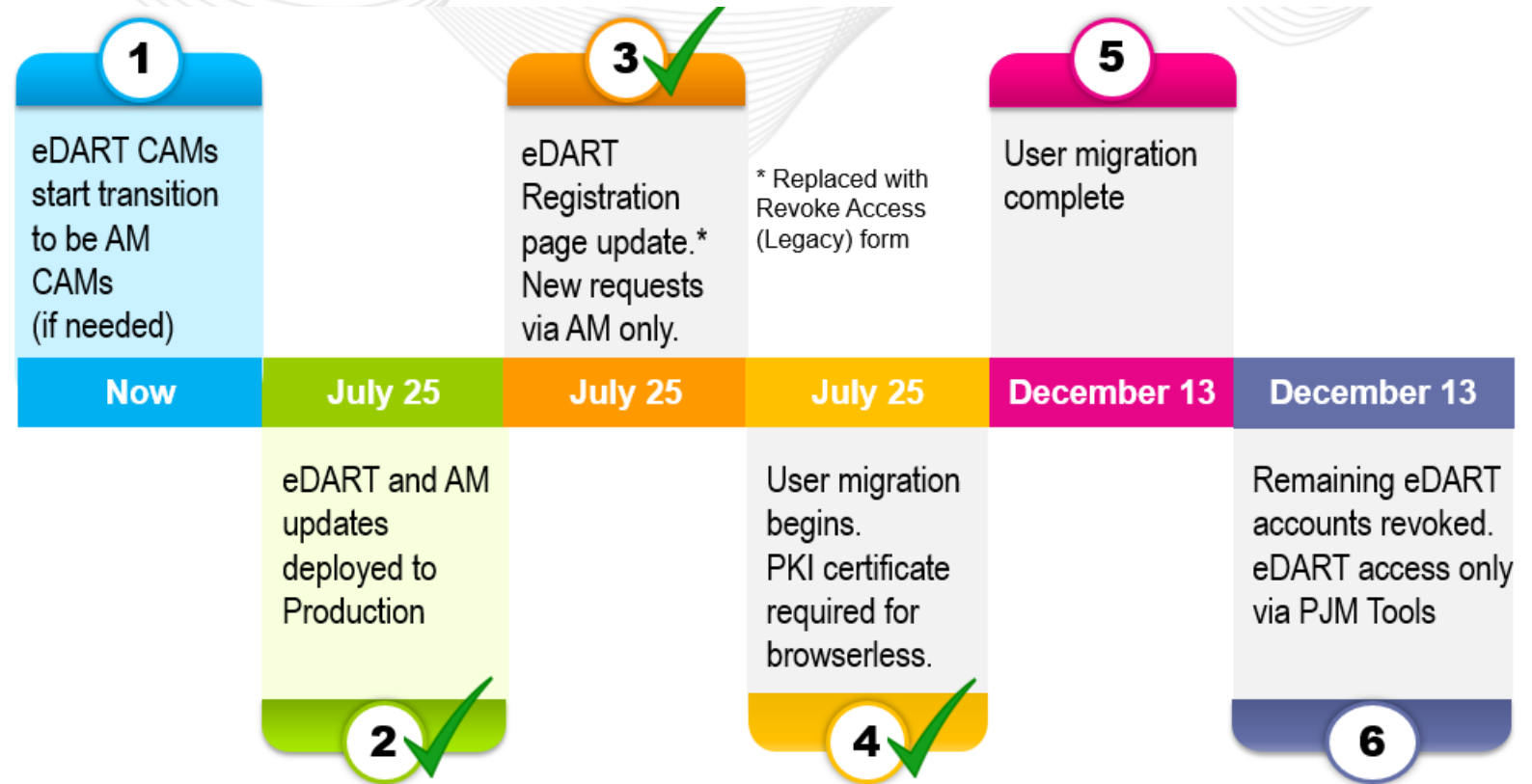
- Types
 - XML downloads
 - Throttling is done per user/company/download type
 - Throttle message:
'eDART Throttling Exception: Expected elapsed time between requests has been violated. The next allowable request must occur after [timestamp]'
- User response: re-try download after suggested time.
Treat throttle error message same as other business error messages.



eDART Account Migration Update

Migration of eDART users to Account Manager is currently underway (7/25/2023 – 12/13/2023):

- [Migration to Account Manager Guide](#)
- [Revoke Access \(Legacy\)](#) – submit for users who will not migrate to Account Manager
- [Migration to Account Manager FAQ](#)
- [Presentation, 6/23/2023](#)
Special eDART Forum – Account Migration



Communication will be sent out for each milestone

✓	Step
	eDART CAM transition to Account Manager CAM (optional)
	eDART CAM transition responsibilities with Account Manager CAM if not opting to be Account Manager CAM
	Request current eDART user list from eDART team (eDARTAccountRequests@pjm.com)
	Migrate current eDART users as applicable: <ul style="list-style-type: none"> • Create new AM user account • Request eDART access for existing AM user account • Contact eDART team for bulk option/working session • Address Special Conditions
	Request check-in with eDART team (eDARTAccountRequests@pjm.com) to confirm completion <ul style="list-style-type: none"> • Submit revoke request for accounts that will not be migrated

As of: 11/20/2023	
Companies in eDART	766
eDART Accounts*	8005
eDART Accounts in AM	1691
% Complete (All time)	21%
% Complete (Active last 90 days)	29%

** Account numbers change during migration period (e.g., includes accounts that may not be migrated)*

On 12/13/2023, active accounts remaining in eDART Legacy will be set to 'Access Revoked' status, and users won't be able to access eDART Legacy:

- Users in Access Revoked status unable to
 - Create Generation/Transmission/TERM tickets,
 - Respond to Gen Checkout/Data Requests/IRC/RRC, and
 - View reports in eDART
- Any scheduled processes/job extracting eDART data will be interrupted, potentially disrupting member company processes dependent on that data
 - Users can log directly into eDART to retrieve needed data

- Account Manager User Guides: <https://pjm.com/markets-and-operations/etools/account-manager>
- Member Maintenance User Guide: <https://pjm.com/-/media/etools/membership-management-community/member-maintenance-user-guide.ashx>
- eDART Migration to Account Manager Guide: <https://pjm.com/-/media/committees-groups/forums/edart/postings/migration-to-account-manager-guide.ashx>
- Migration FAQ: <https://pjm.com/-/media/committees-groups/forums/edart/postings/migration-to-account-manager-faq.ashx>
- eDART Account Types & Application Access: <https://pjm.com/-/media/etools/edart/account-types-and-application-access.ashx>

- CDW Unit-Task Overview: <https://pjm.com/-/media/etools/edart/edart-unit-task-training.ashx>
- CDW Member-Agent Overview: <https://pjm.com/-/media/etools/edart/cdw-member-agent-functionality.ashx>

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Thank you!