



eDART December 2019 Release Enhancements

eDART Forum Meeting
12/03/2019

Production release of December enhancements scheduled for Wednesday, Dec. 18.

- eDART will be unavailable from 19:00 to 02:00 on Thursday, Dec. 19.

Sandbox release scheduled for Dec. 3.

- **General Discussion Topics**
- General Enhancements
- Question and Answer Resolution Session

Tentative Train Release – Q1 2020

- New browserless functionality
- Current and new uploads and downloads to be available for parallel use
- More details to follow
 - Refresh team currently working on UI integrations

- eDART User Group is now the eDART Forum.
- eDART XML User Group is now the eDART XML Forum.
- eDART User Groups rosters are no longer needed and have been removed from pjm.com and the Roster Update Form.
- eDART User Groups are no longer listed under User Groups on pjm.com.
- Charters updated with new names and URLs.
- Former User Group pages combined into one page:
<https://pjm.com/committees-and-groups/tech-change-forum/edart-forum>

- Meeting Center
- Committees
- User Groups
- Subcommittees
- Task Forces
- Closed Groups
- Issue Tracking
- Stakeholder Meetings
- Tech Change Forum
- eDART Forum
- Upcoming Changes
- State Commissions
- Webex

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eDART Forum

The eDART User Group and eDART XML User Group are now known as the eDART Forum and eDART XML Forum.

The eDART Forum discusses potential and future changes to eDART functionality. eDART is a tool that enables generation and transmission owners to submit generation and transmission outage requests electronically. The eDART XML Forum focuses on data transfer between eDART and member applications using XML. eDART XML allows members to plug their applications directly into eDART.

Facilitator: [Chidi Ofoegbu](#)
Secretary: [Vy Le](#)

During the meeting, if you are experiencing issues with connectivity or teleconference, please contact [Meeting Support](#). For registration issues, [contact PJM](#).

	Date
User Guide PDF	5.4.2017
Charter: eDART Forum XML Forum PDF	11.13.2019

[Registration & Training](#)

[XML Documentation & Browserless Application](#)

Upcoming Meetings

▶ [eDART Forum](#)
12.3.2019

Registered Register for meetings

Meeting Materials

- ▶ [12.3.2019 - eDART Forum](#)
- ▶ [9.9.2019 - eDART User Group](#)
- ▶ [6.10.2019 - eDART Users Group](#)

For companies interested in using the CDW Unit-Task functionality:

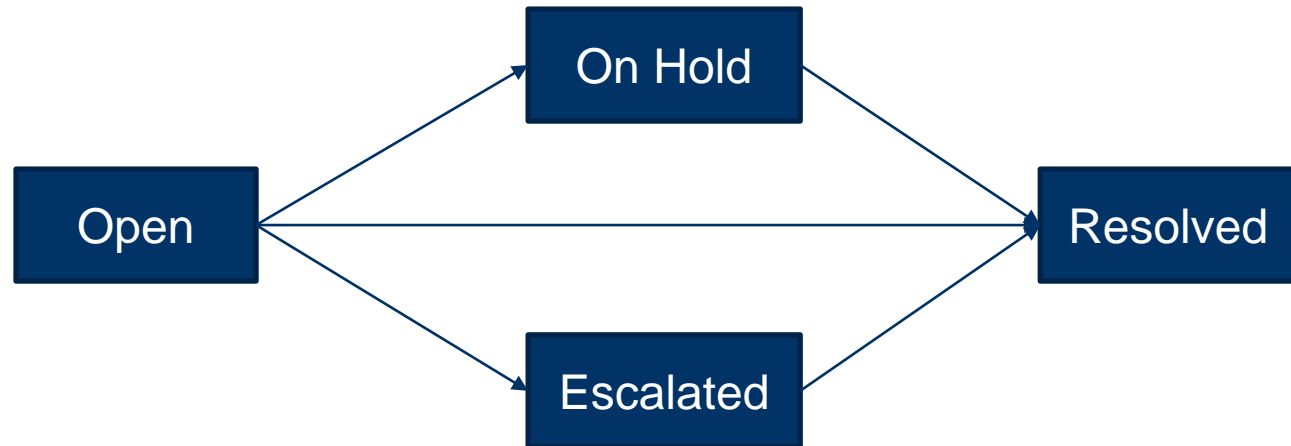
- Contact eDART team to be set up in Sandbox.
 - Groups and user assignments set up in Sandbox will be copied to Production.
- Provide contact information of company officer to sign the required paperwork for Production set up.

Required updates to the Declaration of Authority to support the CDW Member/Agent (formerly Client/Agent) functionality are in progress.

Beginning in January 2020:

- Emails to edarthelp@pjm.com will be used to create Salesforce cases.
- Email responses and status updates will be sent via Salesforce.
- Enables better tracking of open eDART help requests.

Salesforce Case Status Flow



Future Enhancements

The linesout (<https://edart.pjm.com/reports/linesout.txt>) and linesout_new (https://edart.pjm.com/reports/linesout_new.txt) files were designed to be easily read by users but it has been observed that several users are now using programs to scrape the data from the files.

The information in the files is available via XML downloads in eDART (emsoutage/ems_outage and toimwg) and anyone with an automated download process should utilize the eDART XML download option.

Q3 2020 Updates:

- Attempts to download the linesout and linesout_new files will be throttled.
- Users will only be able to complete a download when there is new data or every 5 minutes, whichever is sooner.

Voltage Control Philosophy column in the D-Curve report, which was populated and updated based on GO feedback, is no longer the primary method for communicating the nature of a unit's Voltage Schedule to PJM.

As a result, the column will be removed from the XML unit download, D-Curve report and the corresponding CSV download.

- Planned for Q1 2020

New eDART web-based functionality to allow Transmission Owners (TOs) to update and view current voltage limits on buses.

- Report for PJM & TOs to see effective voltage limits and PJM defaults.
- TOs submit changes to Voltage Limits: company defaults or per station/voltage combination with effective date.
- PJM approves changes to Voltage Limits.
- Tickets implemented in PJM's EMS by PJM or implemented without approval if limits already updated in PJM's EMS.

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Linesout.txt: <https://edart.pjm.com/reports/linesout.txt>

- 2 characters added to ITEM column (from 4 to 6 characters)
- 2 characters added to TICKET ID column (from 6 to 8 characters)

Similar changes made to linesout_new.txt and nercalertlinesout.txt as part of the October 8th eDART release.

The following CSV downloads are being retired from the Download drop down list:

- dcurvegen
- dcurvetrans
- ratingscsv

The CSV downloads are available via the web UI on the applicable eDART application page.

- dcurvegen & dcurvetrans on D-Curve Report
- ratingscsv on TERM → Effective Ratings

Only XML files will be available via the XML interface.

Identified issues fixed in new Ratings files:

- Equipment.csv
 - Leading space removed from column headers
- Ratings.csv
 - 'LOG_TERM' changed to 'LONG_TERM'

Beginning with the Spring 2020 build:

- Loads modeled in PJM's EMS will be available in eDART.
 - Equipment type = LD
 - Available for Transmission Outage Tickets
- Next model build will be available in eDART in advance.
 - Future equipment will be available for use in tickets and displayed in reports.
 - Out of service date will be displayed for equipment to be retired on build day.

Pre-Model Build Day

- Approximately 2 weeks in advance
- Future equipment added to eDART
- Out of service date added to retiring equipment

Model Build Day

- Build day emails will be sent
- Equipment name changes

Advance Model Build: D-Curve Reports

Color Legend Priority Order

Blackstart Units
New Default D-Curve Updated Since Latest Acknowledgement
Previously Acknowledged ***Highlighted during a review only***
Soon to be In-Service
Soon to be Retired
Regular

[Close Window](#)

D-Curve Report										
Company:										
Unit Name	Unit Type	Installed Capacity	Voltage Control Philosophy	D-Curve Metered MVAR Location	Power System Stabilizer	EMS Equipment Name	MW Point	MVAR Min	MVAR Max	Latest Completed Default MVAR Ticket
UNIT A	Combustion Turbine	50	Reactive Power Schedule	Low-side Gross	Yes	EQUIPMENT A 12345-1234 (in 12/09)	45	-42	76	
							50	-41	74	
							55	-40	71	
							60	-40	66	
							65	-40	61	
							70	-40	57	
							75	-39	50	
80	-39	42								
UNIT B	Combustion Turbine	0	TBD	TBD	No	EQUIPMENT B 54321-111 (out 12/09)	45	-42	76	
							50	-41	74	
							55	-40	71	
							60	-40	66	
							65	-40	61	
							70	-40	57	
							75	-39	50	
80	-39	42								

Advance Model Build: Transmission Tickets

Tier 1
 Tier 2
 Tier 3

Print Version

Date Time Log

History Log

Notifications Log

Cancel Ticket

Duplicate Ticket

View Conflicts

Gen Off Conflicts

Show All TERM

Station Equip.

Submit Form

Refresh

Gen. Outage Lookup

Comments Log

NERC-TADS Reports

Projects

Files

Main Menu

Default Status Change Only	Primary	Status	Include	Type	Station Name	Voltage	Equipment Name	Start Date	Start Hour	End Date	End Hour	Resulting Default Status
No ▾	<input checked="" type="radio"/>	O ▾	Yes ▾	BRKR	STATION A	230 KV	STATION A 123456 CB (out 12/09)	06/29/2020	00:00	06/30/2020	05:00	No Change ▾
No ▾	<input type="radio"/>	O ▾	Yes ▾	LINE	STATION A	230 KV	STATION A - STATION BCD1 (in 12/09)	06/20/2020	00:00	07/29/2020		
No ▾	<input type="radio"/>	O ▾	Yes ▾	BRKR	STATION A	13 KV	STATION A 11111 CB	06/25/2020	00:00	06/26/2020		

Color Legend Priority Order

- Congestion Expected
- Conflicts
- EMS Tripped
- System Impacts
- Potentially Incomplete
- Soon to be In-Service
- Soon to be Retired
- Regular

Close Window

- General Discussion Topics
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