

eDART Roadmap

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Tech Change Forum
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Disclaimer: While materials are current at the time of publishing, applicable requirements may change. PJM Governing Documents control.

Action Required	Important Dates	Who May Be Affected
eDART Maintenance Releases	Train: September 9, 2026 Prod: September 23, 2026	eDART Users
PJM.com File Retirements	October 2026	File Users



2026												
	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Release(s)							Train: September 9, 2026 ◆					
PJM.com File Retirements								Prod: September 23, 2026 ◆				
									Prod: October 2026 ◆			

Legend

- Start Date
- ◆ End Date

eDART Maintenance Release (Train Sept. 9; Prod Sept. 23)

- eDART Auto Ticket Creation for Generator Tickets
- eDART Network Model module updates and enhancements to the following:
 - One-Line Diagrams
 - Latitude/Longitude Update
- Updates to the CEI Automated Approval email

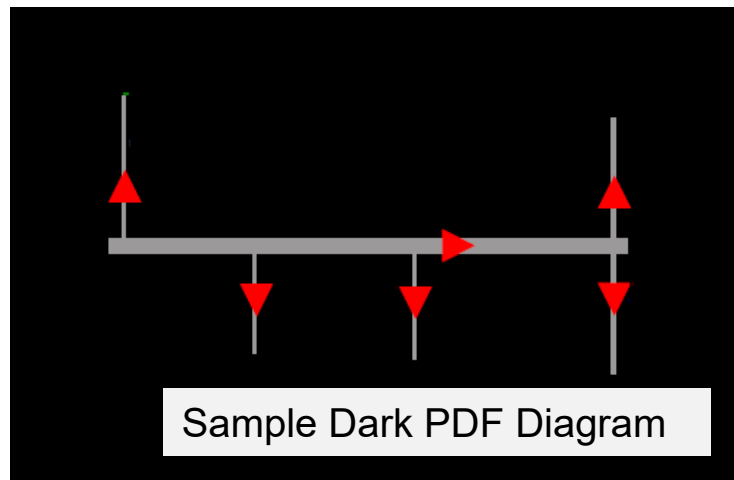
- Network Model One-Line Diagram changes
 - Visio option is being retired
 - Light and Dark display options (SVG & PDF)

One Line Diagram Download

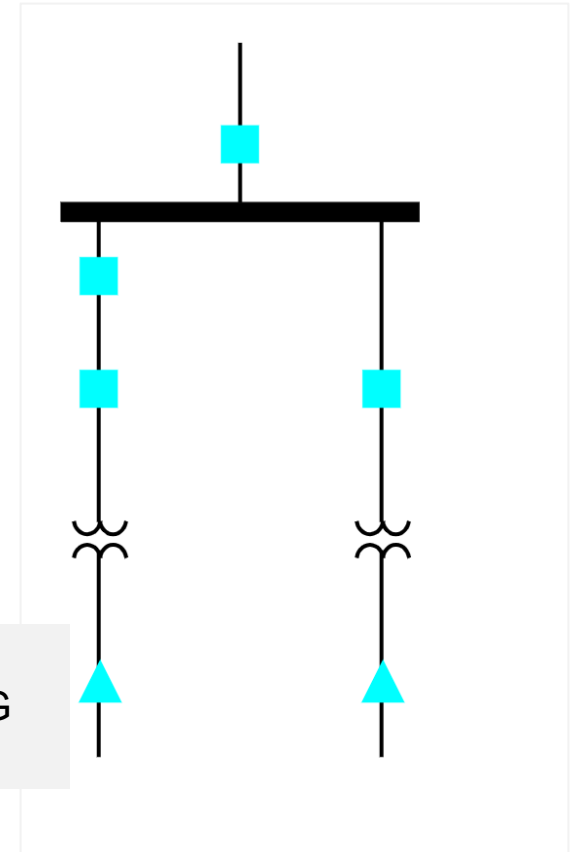
☒ Light SVG
 ☐ Light PDF
 ☐ Dark SVG
 ☐ Dark PDF
 Company:
 File:

Download

Back



Sample
Light SVG
Diagram



- Through the validation of Real time operator logs, Markets Gateway, eDART and Unit output there is evidence that some unplanned/forced outages are not being reflected in eDART.
- Why this information is important:
 - Forced outage rate used in forecasts
 - Accuracy of report out to stakeholders
 - Dispatch MW reserve requirement
 - Accurate generator performance risk
- We needed a solution to capture all the unavailable MW in eDART.

1. Leverage unit availability in Markets Gateway.
 - If unit is “unavailable” in Markets Gateway
 2. eDART for existing “active” tickets
 - Planned, Maintenance, Unplanned (Forced)
 3. “Unavailable” in Market’s Gateway + No active outage ticket, will result in a ticket being “Auto created” by the eDART system
- Please see the following presentation for additional information:
- [edart-auto-ticket-creation---presentation.pdf](#)

- *Market Unavailable Tickets* report to be added to the Gen. Main Menu
- *Unavailable in Market* generator outage cause to be created

Generator Tickets Main Menu

Summer Peak Period Maintenance Margin Season
Start: 06/15/2026 End: 09/11/2026

Current Maintenance Margin
Western-Southern 0

Create New Ticket Opportunity Window View/Revise Ticket

	MW	Volt. Reg.	MVAR	Governor	MVAR Test	PSS
Submitted Tickets	16	25	9	33	3	4
Revised Tickets	1	5	6	6	1	7
Current Tickets	8	1	1	1	3	0
Approved Tickets	39	5	7	3	0	5
Future Tickets	38	2	6	3	0	0
Approved No Start	3	1	1	2	0	5
Active Beyond End	8	1	1	0	3	0
Recalled Tickets	37					
Forced Tickets						
Market Unavail Tickets						
Tickets History						

Market Unavailable Tickets

1

Apply Sorting Go to Filter

Ticket ID	Comp. Ticket ID	Ticket Type	Outage Type	Unit Name	Installed Capacity	Reduction	Act. Start Date/Time	Est. End Date/Time	Cause
1577696		MW	Unplanned		195	195	07/29/2026 17:49	07/31/2026 14:01	Unavailable in Market
Total						195			

Go to Filter Main Menu

Generator Ticket (Review/Revise)

User ID: Ticket Number: 1577696 Company:

Generation Type: Combined Cycle Steam Unit Name: Est./Ramp Start: 07/29/2026 17:49
Ticket Status: Active Timestamp: 07/29/2026 17:49 Est. End: 07/31/2026 14:01
Company Ticket ID:

Actual Start: 07/29/2026 17:49
Actual End:

Description PJM Comments

Automatically created due to Market Unavailability Automatically created due to Market Unavailability

MW Ticket Info

Est. Ramp Complete: Date Time Ticket Reduction: 195 Installed Cap: 195
Informational: No
Company Switch Start: Cause: Unavailable in Market
Company Switch End: Outage Type: Unplanned

Add New Revision Submit Refresh Comments Log History Log Files Main Menu

- eDART Generation ticket outage cause code updates:
 - Three (3) new generation cause codes for outage tickets available in eDART Production and Training
 - Fogger
 - Soot
 - Inverter
 - The current list of Generation Causes, including descriptions, is available for download from the eDART UI or CLI.

- A dataset limit was set for the Transmission Facility Outage Report (TOIMWG) download CLI endpoint (`downloadtype=toimwg`).
 - The dataset is currently limited to return 5000 records, value subject to change.
 - A warning will be returned if more records exist and the TOIMWG download type may be used with additional parameters to return targeted results.
- The full TOIMWG Current XML .zip file without dataset limits is available in eDART via:
 - eDART UI: TERM or Trans. Tickets -> PJM Posting Files
 - Programmatically via the eDART CLI PJM Posting Files download XSD
 - `downloadtype=pjmpostingfile`
 - `fileId=16`

```
<?xml version='1.0' encoding='utf-8'?>
<toimwg xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:noNamespaceSchemaLocation="toimwg.xsd">
<warning>DataSet was limited to 5000 records, more records exists. Please use filter.</warning>
<ticket_info>
<ticket>
```

CLI warning message

Additional Parameters

Name	CLI Argument Type	Value/Result	Required
id, ids	Query	Values: not case sensitive - All - Valid control zone Result: If All is provided, returns tickets for all control zones. If a valid zone is provided, returns tickets for that control zone.	Yes
transtype	Query	Values: not case sensitive - Current - Historical Result: the value of this parameter will determine if the output contains current or historical data.	Yes
start	Query	Values: Date in form MM/DD/YYYY. Must be used with stop Result: If included, returns only tickets with start date greater than this date	No
stop	Query	Values: Date in form MM/DD/YYYY. Must be used with start Result: If included, returns only tickets with stop date less than this date Note: the start and stop dates cannot span more than 1 year	No

Available TOIMWG download type filter parameters

effective_during	Query	Values: true, false; used with start and stop parameters Result: - If true, returns tickets that are active during the time span. That is, ticket start <= end date and ticket end >= start date. - If false, returns tickets that start and end within the time span. That is, ticket start >= start date and ticket end <= end date. - The default value is false. Any value other than true is interpreted as false.	No
recent	Query	Values: Integer value must be 365 or less Result: For historical data report only. If included, returns tickets that were completed this many days in the past. Takes precedence over start and stop date parameters.	No

- The full TOIMWG Historical XML .zip file has been added to the PJM Posting Files. This file contains yearly .zips of the respective year's transmission facility outages and is available in eDART via:
 - eDART UI: TERM or Trans. Tickets module -> PJM Posting Files
 - Programmatically via the eDART CLI PJM Posting Files download XSD
 - `downloadtype=pjmpostingfile`
 - `fileId=28`
- The TOIMWG Historical Current Year XML .zip file has been added to the PJM Posting Files. This .zip file contains an XML of the current year's historical outages and is available in eDART via:
 - eDART UI: TERM or Trans. Tickets module -> PJM Posting Files
 - Programmatically via the eDART CLI PJM Posting Files download XSD.
 - `downloadtype=pjmpostingfile`
 - `fileId=29`

- eDART XML Documents are transitioning from pjm.com/pjmfiles/pub/etools/edart/xmldocs/xmldoc.html to PJM Connect ([File Transfers - eDART](#)).
- PJM Connect is PJM's external SharePoint site that allows PJM personnel and external stakeholders to collaborate and share data.
- The files are currently available in PJM Connect
 - A PJM.com account is needed to access [PJM Connect](#)
 - Provides the ability to sort and filter

The following files are scheduled to be retired in October 2026:

- Transmission Facilities Outages List: <https://edart.pjm.com/reports/linesout.txt>
- Transmission Facilities Outages List – RTEP: <https://edart.pjm.com/reports/rtep.txt>
- NERC Alert Transmission Outages: <https://edart.pjm.com/reports/NERCAAlertLinesOut.txt>
- PJM RTO & Transmission Owner Voltage Limits: <https://edart.pjm.com/reports/voltage/limits.csv>
- Complete Descriptions: <https://edart.pjm.com/reports/equiplist.csv>

- These file are and will remain publicly available – generic users in eDART can access them
- Currently available in eDART via the UI and the CLI
 - No throttling applied for downloads from eDART
- Drivers for these moves
 - Technology changes
 - Provides additional control and visibility

- Upcoming eDART Maintenance Release: Train Sept. 9; Prod Sept. 23
- CLI dataset limit implemented for `downloadtype=toimwg`
- New TOIMWG Historical PJM Posting Files
- eDART XML documents moving to [PJM Connect](#)
- Future PJM.com File Retirements Oct. 2026

Presenter:

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eDART Roadmap



Member Hotline

(610) 666 – 8980

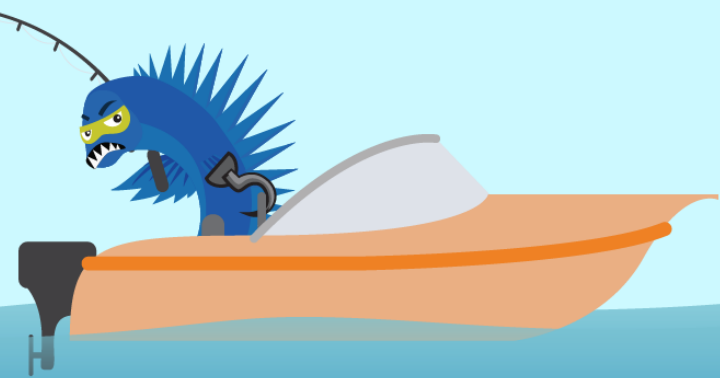
(866) 400 – 8980

custsvc@pjm.com

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POWER GRID**
**THINK BEFORE
YOU CLICK!**



**BE ALERT TO
MALICIOUS PHISHING
EMAILS**



Report suspicious email activity to PJM.
Call (610) 666-2244 or email it_ops_ctr_shift@pjm.com

Product Details

Disclaimer: While materials are current at the time of publishing, applicable requirements may change. PJM Governing Documents control.

eDART (electronic Dispatcher Application and Reporting Tool) is a suite of electronic applications used to facilitate dispatcher-to-dispatcher communications, along with other engineering communication and coordination functions.

[eDART Tools Page](#)