

eDART Updates

Craig Lowe, Sr. Business Analyst
Outage Analysis Technologies

Joint System Operations Subcommittee

July 30, 2026

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

eDART Maintenance Release (Train & Prod. July 30, 2026)

- Included the TOIMWG Historical Current Year PJM Posting File

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

- To include eDART Auto Ticket Creation for Gen. Tickets
- Additional deliverables to be communicated

- 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](#)

- 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](#)).
- 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

SME: Craig Lowe,

Craig.Lowe@pjm.com

eDART Support: eDARTHelp@pjm.com

eDART FERC Order 881: eDART881@pjm.com

FERC Order 881: Order881@pjm.com



Member Hotline

(610) 666 – 8980

(866) 400 – 8980

custsvc@pjm.com

- PKI Certificates: [PJM Security](#) home page
- CDW Overview: [CDW Unit Task](#) and [CDW Member-Agent](#)