

# eDART Auto Ticket Creation

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Generation

System Operations Subcommittee

July 1, 2026

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

- Post Winter Storm Elliot there were significant discrepancies among the outages reported in Markets Gateway, reported in eDART, captured in dispatch log and reported in GADS
- This initiated Monitoring Analytics to send a letter to PJM Market Participants to ensure outages were correctly reported in Markets Gateway, eDART and GADS.
  - [Monitoring Analytics- January 26, 2023, letter to Market Participants](#)

- Through the validation of Real time operator logs, Markets Gateway, eDART and Unit output there is evidence that some unplanned/forced outages are still not being reflected in eDART.
- This is a year-round concern and was again highlighted during winter storm FERN.
- 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.
- Based off internal and external feedback we have decided to use availability information through “Must Offer” in Markets Gateway for committed capacity resources.
- [Schedule 1 Section 1.10.1A\(d\)](#)
  - Day-ahead and Real-time Energy Marketing Scheduling
    - Market Sellers owning or controlling the output of a Generation Capacity Resource that is committed as a Capacity Resource and has not been rendered unavailable by a Generator Planned Outage, A Generator Maintenance Outage, or A Generator Forced Outage shall submit offers for the available capacity of such Generation Capacity Resource, including the portion that is self-scheduled by the Generating Market Buyer.

- In an effort to accurately capture all unavailable MW of committed capacity resources in Real time
  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

- Development in progress, Project Implementation targeting September 2026
- Utilizing information for committed capacity resources from markets Gateway (Day Ahead and Real-time)
- Re-enforcing timely eDART outage submittals in accordance with [Manual 10, 2.4 Unplanned \(Forced\) Outages.](#)
- Further communication and specifics at Tech change forum, eDART forum.

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## eDART Auto Ticket Creation



### Member Hotline

(610) 666 – 8980

(866) 400 – 8980

[custsvc@pjm.com](mailto:custsvc@pjm.com)

- 2.4 Unplanned (Forced) Outages

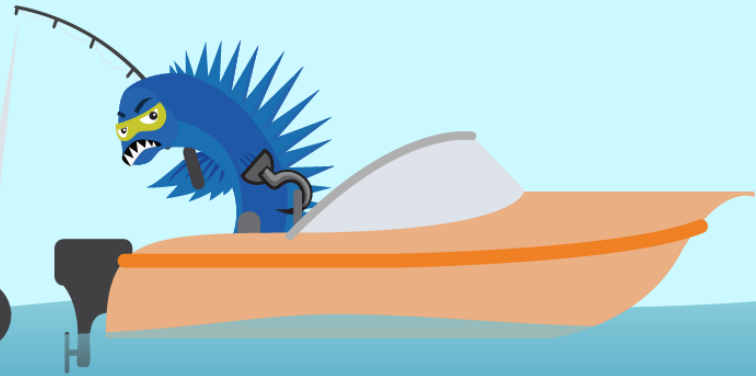
- A Generator Unplanned (Forced) Outage is an immediate reduction in output or capacity or removal from service, in whole or in part, of a generating unit by reason of an Emergency or threatened Emergency, unanticipated failure, or other cause beyond the control of the owner or operator of the facility. If the Generator has any advanced knowledge of an imminent unplanned outage, the Generator shall notify PJM with as much lead-time as practicable, but within one hour. Members that own or control a generation resource are expected to:
  - Inform PJM of the Unplanned Outage as promptly as possible.
  - Submit an Unplanned Outage ticket via eDART, using “unknown” as the return time if necessary.
  - As soon as possible following the start of the outage:
    - Provide PJM with the expected date and time that the generation resource will be made available
    - Provide PJM the reason for the outage

**PROTECT THE  
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](mailto:it_ops_ctr_shift@pjm.com)**