eDART Roadmap

As of February 20, 2018
<table>
<thead>
<tr>
<th>Action Required</th>
<th>Deadline</th>
<th>Who May Be Affected</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact <a href="mailto:Vy.Le@pjm.com">Vy.Le@pjm.com</a> for eDART Web UI Refresh user experience analysis and design components</td>
<td></td>
<td>eDART Web User Interface Users</td>
</tr>
<tr>
<td>Provide feedback regarding refreshed eDART browserless interface by contacting <a href="mailto:Vy.Le@pjm.com">Vy.Le@pjm.com</a></td>
<td></td>
<td>eDART Browserless Users</td>
</tr>
</tbody>
</table>
### Upcoming Release

- **Tentative Release Date:** Monday March 25\(^{th}\), 2019

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<thead>
<tr>
<th>Area</th>
<th>Impact</th>
<th>Action Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>eDART XML Browserless</td>
<td>eDART (internal &amp; external) will experience an 8 hour outage</td>
<td>Changes to eDART XML Downloads &amp; Uploads communicated at the eDART XML Users Group Meeting &amp; Documentation updated: <a href="http://pjm.com/pub/etools/edart/xmldocs/xmldoc.html">http://pjm.com/pub/etools/edart/xmldocs/xmldoc.html</a></td>
</tr>
<tr>
<td>eDART Web</td>
<td>eDART (internal &amp; external) will experience an 8 hour outage</td>
<td>Changes to eDART Web UI communicated at the eDART Users Group Meeting</td>
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</tbody>
</table>
The RRC drill has been put into the Sunday Emergency Procedure drill schedule, about once a month.

Users should review Self Check data **daily** and ahead of RRC issuance.

Issues and requests for updates should be sent to **RRCHelp@pjm.com**.

PJM will be releasing a new browserless .jar file for eDART in the near future.

- File will be updated to enhance security.
- Can be found at [http://pjm.com/pub/etools/edart/xmldocs/xmldoc.html](http://pjm.com/pub/etools/edart/xmldocs/xmldoc.html)
- Further communication to follow.
Currently there are 500 to 700 eDART user accounts that have not logged in at least since 2017.

Account Clean Up Timeline (Q4 2018):
- Accounts with last login more than 365 days in the past will be locked.
- Accounts locked for more than 365 days will be revoked.
- Emails with list of dormant users will be sent to Customer Account Managers (CAM).
• Tentative Train Release – End of Q2
  – New browserless functionality
  – More details to follow at next month’s Tech Change Forum
eDART Refresh 2019 Update

Quick Search

Overview

Ticket ID

Company

Company Ticket ID

Attachments (0)

Work Type

Cause

Conditions

Select all that apply

Select all that apply

Outage Type

Availability

Project Name

Select projects

Restoration Plan Review

To be determined

Work Description

PJM Comments

* Time

Start Time

End Time

User

NERC YADSS

Scheduled

Actual

Equipment List

* Station

* Type

* Equipment

Select one

Select one or more

Select one or more

Add Selected

Status

Station

Voltage

Type

Equipment Name

Start Date

End Date

Primary

Generation Outages

Conflict Preview

Change Default Status (0)

Cancel Ticket

Duplicate Ticket

Cancel

Submit
Product Details
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 Product Page
- eDART Training Presentations
- eDART User Group
- eDART XML User Group
Background – eDART Applications

- **IRC**
  - Used to verify if enough reserve MW available.

- **IRC**
  - Used to verify generation will not over-exceed light load margins.

- **IRC**
  - Used to schedule the output of Susquehanna River Hydroelectric Assets

- **IRC**
  - Used to capture unit data and determine critical load in system restoration plans.

- **IRC**
  - Used to record and schedule:
    - Generator MW Outages
    - Voltage Regulator Outages
    - Governor Outages
    - D-Curve Adjustments
    - Reactive Tests
    - Reactive Test Results Tickets
    - GO Survey

- **IRC**
  - (IRC)
  - Used to verify if enough reserve MW available.

www.pjm.com
Background – eDART Applications

- Used to record and schedule non-generator transmission facility outages.
- Used to coordinate the update of system restoration plans.
- Used to record and schedule line, transformer, phase shifters, series and flow devices temperature apparent power ratings.
- Used to update facility clearing times data used in dynamic studies.
- Used by companies to submit changes to the transmission grid.
- Used to view updates made to Object IDs.
- Used to practice and coordinate restoration of service in PJM area after a blackout.
**Background – eDART Applications**

- **Current Status Report**
  - 15 minute snapshot of current status

- **Peak Status Report**
  - Forecast of system condition for the peak of the day

- **Supplemental Status Report (SSR)**
  - 72 hour forecast of system condition; typically for extreme hot/cold weather conditions

- **Gen Checkout**
  - Used to compare and highlight discrepancies between Market Gateway bids and Available Capacity. Brings Markets and Operations together in real-time

- **Used to record and coordinate**
  - Reactive Reserve Check (RRC)
  - D-Curve Review (on Gen. Tickets menu for Gen users)

- **Used to manage PSSE mapping information for the purpose of sending and receiving info to/from NERC SDX**