eDART Roadmap

As of November 20, 2018
<table>
<thead>
<tr>
<th>Action Required</th>
<th>Deadline</th>
<th>Who May Be Affected</th>
</tr>
</thead>
<tbody>
<tr>
<td>Changes to eDART XML Downloads &amp; Uploads communicated at the eDART XML Users Group</td>
<td>12/11/2018</td>
<td>eDART XML Browserless Users</td>
</tr>
<tr>
<td>Contact <a href="mailto:Vy.Le@pjm.com">Vy.Le@pjm.com</a> for eDART Web UI Update</td>
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<tr>
<td>Refresh user experience analysis and design components</td>
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<tr>
<td>Provide feedback regarding refreshed eDART browserless interface by contacting</td>
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<tr>
<td><a href="mailto:Vy.Le@pjm.com">Vy.Le@pjm.com</a></td>
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<tr>
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<td>Jan</td>
<td>Feb</td>
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<tr>
<td><strong>eDART Refresh</strong></td>
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<tr>
<td><strong>Voltage Schedule</strong></td>
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<td><strong>Addition of Voltage Limits</strong></td>
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<tr>
<td><strong>Transformer Tap Changer Tool</strong></td>
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<tr>
<td><strong>Transmission Ticket Enhancements</strong></td>
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**Legend**
- Green circle: Start Date
- Yellow diamond: End Date
### Upcoming Release

- **Release Date:** Tuesday, Dec 11th, 2018

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<th>Impact</th>
<th>Action Required</th>
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<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>
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<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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</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.

New eDART Browserless .jar File

- 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
- 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).
• Replacement service for browserless interface discussed on Tuesday, January 30th, 2018.
  http://www.pjm.com/-/media/committees-groups/user-groups/edartxmlug/20180130/20180130-edart-browserless-refresh.ashx

• Current timeline for Web UI refresh
  • User Experience Analysis and Design
    – Interested eDART web UI users should contact Vy.Le@pjm.com.
    – WebEx sessions being held with Transmission Tickets users.
  • Requirements gathering
  • Work planning (overall project schedule & web UI page sequencing)
  • Web UI refresh
  • Progress review
eDART Refresh 2018 Roadmap

Quick Search

Overview

Ticket ID: To be assigned

Company: Company

Company Ticket ID: 

Attachments (0)

Condition: Select all that apply

TERM Tickets (0)

Project Name: Select projects

Modeling Tickets (0)

Restoration Plan Review: To be determined

RTEP Queue #: 

# Work Description

PJM Comments

# Time

Start Time End Time User

SCHEDULED

ACTUAL

Equipment List

Station: Select one

Type: Select one or more

Equipment: Select one or more

Add Selected

Status Station Voltage Type Equipment Name Start Date End Date Primary

Cancel Ticket Duplicate Ticket

Cancel Submit
Product Details
eDART (electronic Dispatcher Application and Reporting Tool) is 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 (Interactive Reserve Check)**
  - Used to verify if enough reserve MW available.
  - Used to verify generation will not over-exceed light load margins.
  - Used to schedule the output of Susquehanna River Hydroelectric Assets

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

- **Generated Tickets**
  - 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)
  - Used to verify if enough reserve MW available.
Background – eDART Applications

- Used to view updates made to Object IDs.
- 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 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