eDART Roadmap

As of March 19, 2019
## Action Required

<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>
• Release Date: Monday April 10, 2019
  – https://www.pjm.com/committees-and-groups/user-groups/edart-ug.aspx

<table>
<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>
</tr>
</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.

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
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)**

- Used to verify if enough reserve MW available.
- Used to verify generation will not over-exceed light load margins.

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

- Generator MW Outages
- Voltage Regulator Outages
- Governor Outages
- D-Curve Adjustments
- Reactive Tests
- Reactive Test Results Tickets
- GO Survey

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

- Used to schedule the output of Susquehanna River Hydroelectric Assets

**Used to record and schedule:**

- Generator MW Outages
- Voltage Regulator Outages
- Governor Outages
- D-Curve Adjustments
- Reactive Tests
- Reactive Test Results Tickets
- GO Survey

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

- Generator MW Outages
- Voltage Regulator Outages
- Governor Outages
- D-Curve Adjustments
- Reactive Tests
- Reactive Test Results Tickets
- GO Survey

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

- Generator MW Outages
- Voltage Regulator Outages
- Governor Outages
- D-Curve Adjustments
- Reactive Tests
- Reactive Test Results Tickets
- GO Survey
Background – eDART Applications

- Used to view updates made to Object IDs.
- Used by companies to submit changes to the transmission grid.
- Used to coordinate the update of system restoration plans.
- Used to record and schedule non-generator transmission facility outages.
- 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 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**