eDART Roadmap

As of April 23, 2019
<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>
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<tr>
<td>Provide feedback regarding refreshed eDART browserless interface by contacting <a href="mailto:Vy.Le@pjm.com">Vy.Le@pjm.com</a></td>
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<td>eDART Browserless Users</td>
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2019 eDART Roadmap

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<th>Month</th>
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<th>Feb</th>
<th>Mar</th>
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<tr>
<td>eDART Refresh</td>
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<td>Company Distributed Workflow</td>
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<td>Voltage Limits Tool</td>
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Legend
- Start Date
- End Date
• Tentative Train Release – Q3
  – New browserless functionality
  – More details to follow
    • Refresh team currently working on UI integrations
Product Details
Background

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

**Production**
- Feedback
- My eDART
- Upload
- Download
- Hydro Calculator
- Gen. Tickets
- Trans. Tickets
- Black Start
- Instantaneous Reserve Check
- Minimum Gen. Report
- PJM Status Report
- NERC Data
- Facility Data
- Online Help
- Logout

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

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

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

**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 record and schedule non-generator transmission facility outages.
- Used by companies to submit changes to the transmission grid.
- Used to coordinate the update of system restoration plans.
- Used to view updates made to Object IDs.
- Used to record and schedule line, transformer, phase shifters, series and flow devices temperature apparent power ratings.
- Used to practice and coordinate restoration of service in PJM area after a blackout.
- Used to update facility clearing times data used in dynamic studies.
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 manage PSSE mapping information for the purpose of sending and receiving info to/from NERC SDX

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

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