



PJM Roadmap for eDART

As of October 26, 2016

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](#)

PJM
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

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

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

- PJM
Production
- Feedback
 - My eDART
 - Upload
 - Download
 - Trans. Tickets
 - Network Model
 - Black Start
 - Telemetry Coordination
 - TERM
 - Reactive Reserve
 - Instantaneous Reserve Check
 - Minimum Gen. Report
 - PJM Status Report
 - NERC Data
 - Restoration Data
 - Facility Data
 - Online Help
 - Logout

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.

- PJM
Production
- Feedback
 - My eDART
 - Upload
 - Download
 - Trans. Tickets
 - Network Model
 - Black Start
 - Telemetry Coordination
 - TERM
 - Reactive Reserve
 - Instantaneous Reserve Check
 - Minimum Gen. Report
 - PJM Status Report
 - NERC Data
 - Restoration Data
 - Facility Data
 - Online Help
 - Logout

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

Current Status Report

15 minute snapshot of current status

Peak Status Report

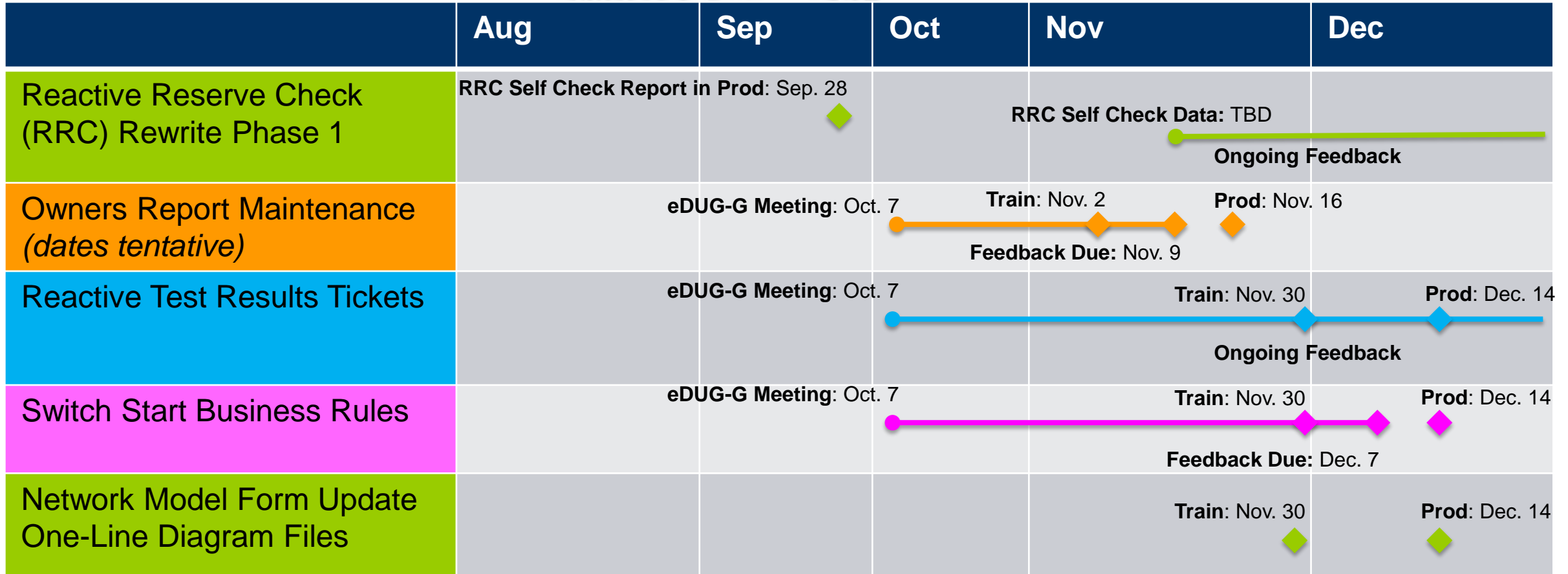
Forecast of system condition for the peak of the day

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



Legend

- Start Date
- ◆ End Date

RRC Rewrite:

- Self Check data to become available in New RRC.
- Updated every 5 minutes.
- Impact: Web & Browserless Interface for Transmission Users.
- Outage: Minimal (less than 5 minutes).

Owners Report Maintenance (ORM):

- Company notification of changes to ORM.
- Restriction of edit access to ORM to Admin and authorized users.
- Impact: Web User Interface for Generation Users.
- Outage: Minimal (less than 5 minutes).
- Discussed on 10/07 [user group meeting](#).

Dates:

- Train Release (XML/Web): November 16/30
- User Group Meetings: Mid-November (dates TBD)
- Coordinated Testing: December 2
- Production Release: December 14

Outage: eDART will be unavailable overnight on December 14th.

Reactive Test Results Tickets:

- Replacement of current MS Excel and email method of communicating reactive test data and analysis results.
- Ongoing feedback; additional enhancements planned for 2017.Q1.
- Current method to be retired May 1, 2017.
- Impact: Web User Interface for Generation Users.

Switch Start Business Rules:

- New business rules to prevent MW outages from being started earlier than approved.
- Impact: Generation users.

Network Model Form Update:

- Removal of fields no longer used.
- Streamlined data entry/request creation.
- Impact: Web User Interface for Transmission users.

One-Line Diagram Files

- Alternative One-Line Diagram file types (.pdf, .bmp, .svg, etc.) to be made available.
- Impact: Web User Interface for Transmission users.



2017 Roadmap (Tentative)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
eDART Refresh												
RRC Rewrite Phase 2						◆	Parallel Operations					
Addition of Voltage Limits			◆									
Transformer Tap Changer			◆									
Reactive Testing Automation												◆
Advanced Blackstart Scenario Analysis						◆						
Blackstart Calculator Phase 2									◆			
Blackstart Calculator Phase 3												◆