



eDART Forum

September 14, 2022

- eDART Refresh Update
- General Discussion
- October 2022 Enhancements
- Future Enhancements
- Question and Answer Resolution



eDART Refresh Update

Retirement of eDART Browserless in Production

- Users still using the legacy interface are being notified
- eDART team available to help as needed
- Retirement date will be announced when available

With the eDART refresh, management of eDART user accounts will be migrated to Account Manager.

- Implementation Timeline: TBD
- Account Manager will be used for all new eDART account requests
- Plans currently underway to:
 - Review existing eDART accounts and update email addresses
 - Clean up dormant and invalid accounts
 - Work with eDART Company Account Managers (CAMs)
 - Review window: **Q1-Q3, 2022**
- See [Migration to Account Manager FAQ](#) on [eDART Forum](#) home page

To date:

- Contacted 641 companies (eDART CAMs)
- Approx. 60% complete
- Follow-up currently underway (for remaining 40%)
- Significant number of Revoke Access requests

Next Phase:

- System Accounts
 - Criteria differs between eDART and Account Manager (AM)
 - Future reach-out to System Account owners
- AM Usernames



General Discussion

eDART User Account Sync Process:

- Accounts created in eDART Production are automatically duplicated to eDART Training.
- Changes to accounts in eDART Production are automatically synced to eDART Training.
 - Password resets
 - Account characteristics: access type, system account flag, etc.
- Exception: eDART accounts created in Training only.

Issue:

Changes are being made to accounts in Training manually and these changes get overwritten when the account is changed in Production and synced.

Recommendation:

Changes to eDART accounts that exist in eDART Production and eDART Training should be made in Production.

Reserve Price Formation work includes flexible subzones which impact the Instantaneous Reserve Check (IRC) in eDART.

More information:

- Education session: https://videos.pjm.com/media/1_cy5ukttq
- Reserves Documentation on [Markets Gateway](#) tool page

Current:

There are 2 values for Reserve Areas: 'RTO' and 'MAD'

Future:

The second Reserve Area will not always be 'MAD'.

eDART will display the active reserve area at the time the IRC is issued.

PJM RTO & Reserve Pool Totals				
Reserve Category	RTO	RTO Req.	AEP	AEP Req.
Operating Reserve	* 10955		65	
PRIMARY Reserve	* 3707	2102	65	0
SYNCHRONIZED Reserve	1756	1402	65	0
Additional Reserve Info	RTO	RTO Req.	AEP	AEP Req.
Largest Contingency	1401		1401	

Training/Sandbox date: **September 21**

Production date: **October 1**





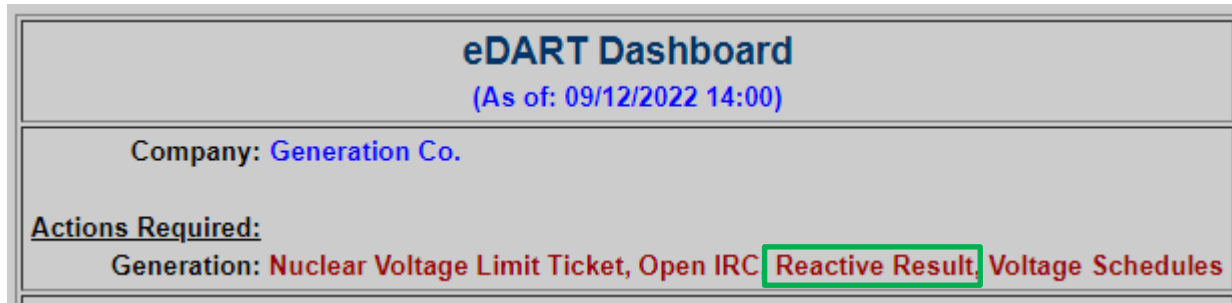
October 2022 Enhancements

Production release of October enhancements scheduled for Wednesday-Thursday, October 26-27, 2022

- eDART unavailability will be announced at least three business days prior
- Train release scheduled for Wednesday, October 12

Request from Reactive Testing team to improve the visibility and tracking of units approaching (30 days or less) or past their test deadlines. For companies with such units:

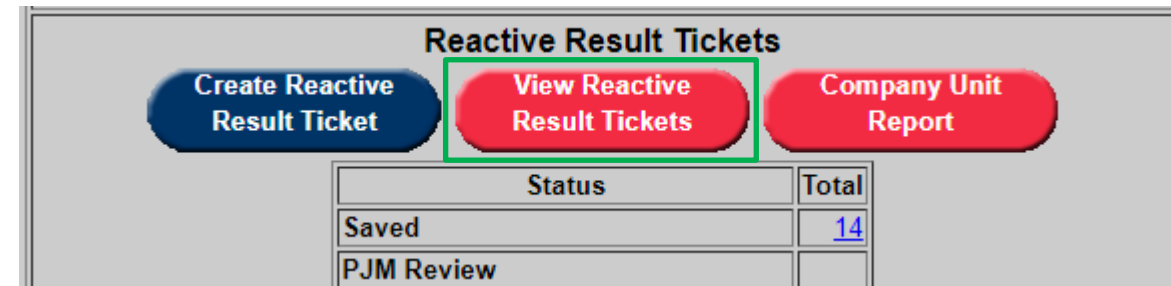
- ‘Reactive Result’ added to eDART Dashboard.
- View Reactive Result Tickets button will be red.



eDART Dashboard
(As of: 09/12/2022 14:00)

Company: [Generation Co.](#)

Actions Required:
Generation: [Nuclear Voltage Limit Ticket](#), [Open IRC](#), **[Reactive Result](#)**, [Voltage Schedules](#)



Reactive Result Tickets

[Create Reactive Result Ticket](#) **[View Reactive Result Tickets](#)** [Company Unit Report](#)

Status	Total
Saved	14
PJM Review	

- Past Due units highlighted on Reactive Capability Testing Report. Mouse over to display Last Test Date

Reactive Capability Testing Report

Ticket Status: Saved PJM Review GO Data Required GO Review
 GO No Response New Default D-Curve Under Review Awaiting Test Letter Test Letter Issued
 Canceled by PJM Canceled by GO Past Test Letter MOD-025 only, no PJM Letter

Late: Yes No Both

Apply Filter
Default GO View
Main Menu

Ticket ID	Unit Name	ICAP (MW)	Unit Type	Submit Date	Late	Ticket Status
5836			Landfill		Yes	Saved
5496			Combustion Turbine		No	Saved
5826			Combustion Turbine		No	Saved
5806			Hydro - Run of River		No	Saved
5527			Nuclear		No	Saved
5547			Combustion Turbine		No	Saved

Apply Filter
Default GO View
Main Menu

- Company Unit Report button will be red if company has Past Due units.
- New Past Due filter added.
- Past test deadlines highlighted.

Reactive Result Tickets

Create Reactive Result Ticket
View Reactive Result Tickets
Company Unit Report

Status	Total
Saved	14
PJM Review	

Reactive Testing Unit Report

Company:

Unit Type:

Reactive Test Ticket Submitted:

Unit Last Tested:

From: To:

From: To:

Include Retired:

Include Test Excluded:

Test Due in 12 months:

Past Due:

Apply Filter
Refresh
Main Menu

Type	Unit ID	Commercial Name	ICAP	Effective Date	Retired Date	Last Test Date	Next Test Deadline	Include in Reactive Test
Combustion Turbine			167	04/05/2003			07/01/2022	☑
Combustion Turbine			171	04/05/2003		06/16/2017	12/16/2022	☑
Combustion Turbine			171	04/05/2003			07/01/2022	☑
Combustion Turbine			174	04/05/2003			07/01/2022	☑
Combustion Turbine			174	04/05/2003			07/01/2022	☑

Submit Form
Apply Filter
Refresh
Main Menu

Current:

Transmission read/write users unable to submit edits to RXB tickets after creation.

Solution:

- Submit Form button added to R, X, B Adjustment Report.
- Users can edit comments or cancel tickets in Submitted or Awaiting Build status.

TO request to include the ticket on the same page where Attachment G details need to be entered to facilitate review.

- ‘No Update Needed’ and ‘Submit Update’ buttons replaced with hyperlinks:
 - Form: opens the update forms (same as today)
 - Form + Ticket: opens the update forms with a read-only version of the ticket above it (only for ticket updates)

Pending Restoration Plans										
Company:										
Plan ID	Plan Name	Update Status	Plan Status	Restoration Plan Updated	No Update Needed	Next Update Request	Update Reason	History	Restoration Plan/ Attachment G	Queue
40		Pending Approval ▾	Approved	02/05/2020 07:23	Form Form+Ticket	12/16/2022	Ticket 757386	View	Form Form+Ticket	15

Annual Deadline
Add New Plan
Submit Form
Refresh
Color Legend
Main Menu

Ticket



Transmission Ticket Print Version

Company: [blank] Status: Ticket ID: 616081
 RTEP Queue #: [blank] Ticket ID: 05/01/2021 17:00
 Ticket Start: 03/01/2021 07:30 Switch Date: 03/01/2021 07:30

Description: [blank]

PJM Comments: [blank]

Mitigated Comments: [blank]

Information/Hotline Work: No
 Emergency: No
 Vegetation Trip: No
 Cut-In: Yes
 Potentially Incomplete: No
 At Risk: No
 Congestion Expected: No
 Submitted On-Time: Yes
 Market Sensitive: No
 Automatic Re-Close: No
 Mitigated (Contact): 0 / 0
 Mitigated (System Impact): 0 / 0
 Direct Billing: No
 Direct Billing Decline: No
 Outage Type: Continuous
 Availability: 8 hr
 Restor. Plan Review: 20443 - Update Required
 Cause: [Link](#)
 Repair/Replace: Conductor

Ticket History		
	Time Stamp	User Name
Submitted	07/19/2019 14:26	
Received	07/23/2019 07:49	
Approval		
Latest Revision		

NERC-TLD3
 Planned Cause: Maintenance and Construction

Cut-In Task Status
 Title: N/A
 Status: N/A

Outaged Equipment								
Primary	Status	Type	Station Name	Voltage	Equipment Name	Start Date	End Date	Default Status
Yes	Open	LINE		138 KV		03/01/2021 07:30	05/01/2021 17:00	No Change
	Open	BRKR		138 KV		03/01/2021 07:30	05/01/2021 17:00	No Change

Date Time Log			
Start Date	End Date	Timestamp	User ID
03/01/2021 07:30	05/01/2021 17:00	07/19/2019 14:26	

Update Form



Submit Update

Rest Plan: No file chosen

Date submitted to PJM for approval (must be 30 days prior to Effective Date for the Annual Update)

PJM approval indicates that the plan has been reviewed and accepted and is compatible with the RC restoration plan and other TO Restoration Plans as per EOP-006, RS.1. Any required changes are communicated to plan owner. The PJM approval will be provided via the eDART tool.

User: [blank] Company: [blank]
 Point of Contact: [blank] Eff. Date of Restoration Plan: [blank]
(Name, Position/Title and Department) (mm/dd/yyyy)

Phone Number: [blank] e-Mail: [blank]

[Attachment G](#)

1 When was the Restoration Plan last updated: [blank] (mm/dd/yyyy)

Reason for this update:

Planned BES modification (Complete items 1-3 and 5-6 only)
Restoration Plan must be updated prior to equipment being energized. PJM requests the implementation of the restoration plan.

Unplanned permanent BES modification (Complete items 1-3 and 5-6 only)
 Date of unplanned permanent BES modification: [blank] (mm/dd/yyyy)
Restoration (Restoration Plan must be updated within 90 days of this date)

Item 4 is not required if the Reason for Update is 'Planned BES' or 'Unplanned permanent BES modification'.

Default 'Response' and 'Reason for not including' will be added if Item 4 responses are not submitted by users.

Before

R1.6 Identification of acceptable operating voltage and frequency limits during restoration.

Response: Not Included

Reference Page # 2

Reason for not including:

After

R1.6 Identification of acceptable operating voltage and frequency limits during restoration.

Response: N/A

Reference Page #

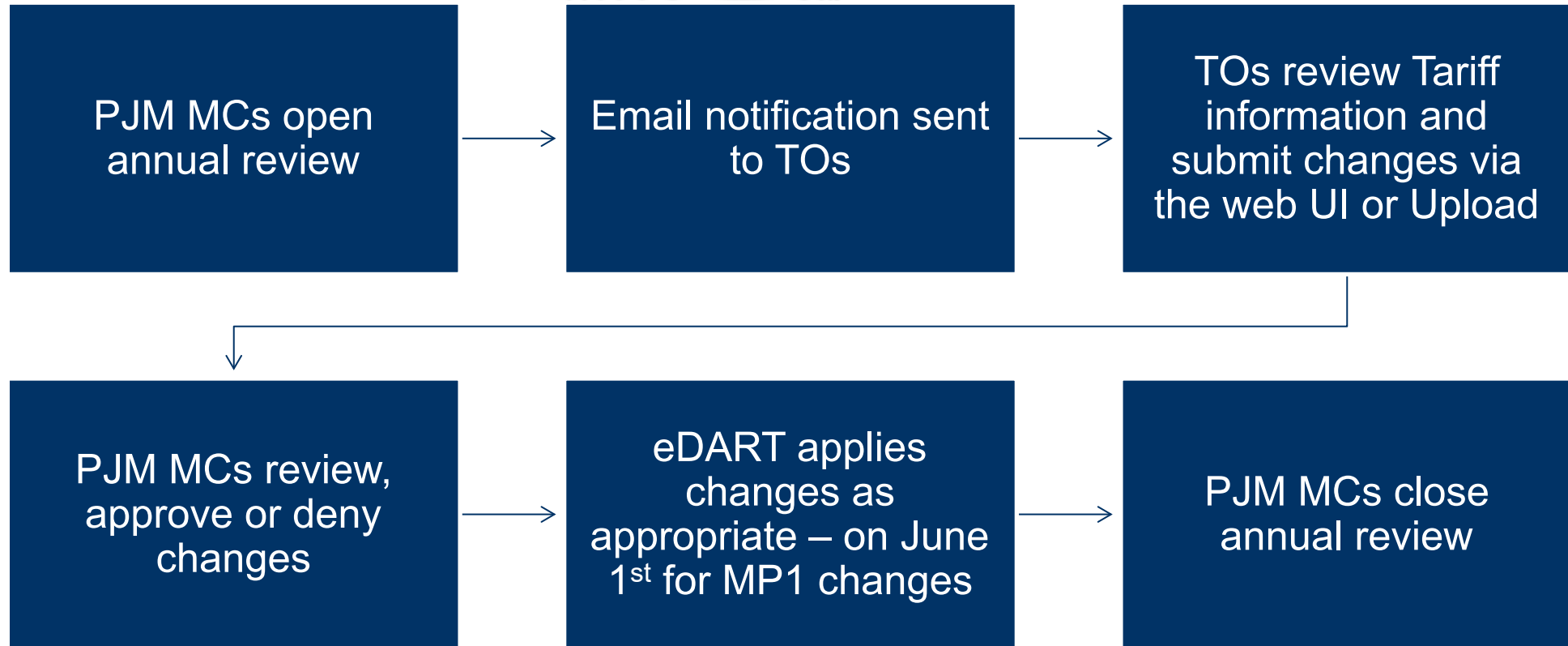
Reason for not including:

Response not required.

Future Enhancements

Request from PJM Model Coordinators (MCs) to allow bulk updates of tariff data in eDART usually done as part of the annual updates.

- Email notification will be sent out when review is started.
 - Will need group emails per TO
- MP1 changes will be made as part of the annual update period. Only non-MP1 changes can be requested outside that.
- Users can download a pre-populated CSV file, make edits and upload it to eDART.



Timeline: end of 2022

TO request for email notification to be sent to TOs when:

- Network Model request status changes.
- Files are added or removed.

Will need group emails per TO

- Enhancements to TERM application in eDART in response to FERC Order 881 as discussed during [3/10 OC Meeting](#)
- Browserless interface for Nuclear Voltage Limits tool in eDART
 - XML uploads and downloads for NGOs
 - XML downloads for applicable TOs

Chidi Ofoegbu (eDART SME),
chidi.ofoegbu@pjm.com

Beth Schweser (IT Lead),
beth.schweser@pjm.com

eDART Help: edarthelp@pjm.com

Maria Baptiste:
maria.baptiste@pjm.com



Member Hotline

(610) 666 – 8980

(866) 400 – 8980

custsvc@pjm.com