



# eDART June 2019 Release Enhancements

eDART Users Group Meeting  
6/10/2019

Production release of June enhancements scheduled for Wednesday, June 26<sup>th</sup>.

- eDART will be unavailable from 19:00 to 02:00 on Thursday, June 27<sup>th</sup>.

Sandbox release scheduled for Tuesday, June 11<sup>th</sup>.

*Maintenance outage scheduled for eDART from 19:00 today to 03:00 tomorrow, Tuesday, June 11<sup>th</sup>.*

- **General Discussion Topics**
- Company Distributed Workflow
- Generation Related Enhancements
- Transmission Related Enhancements
- Question and Answer Resolution Session

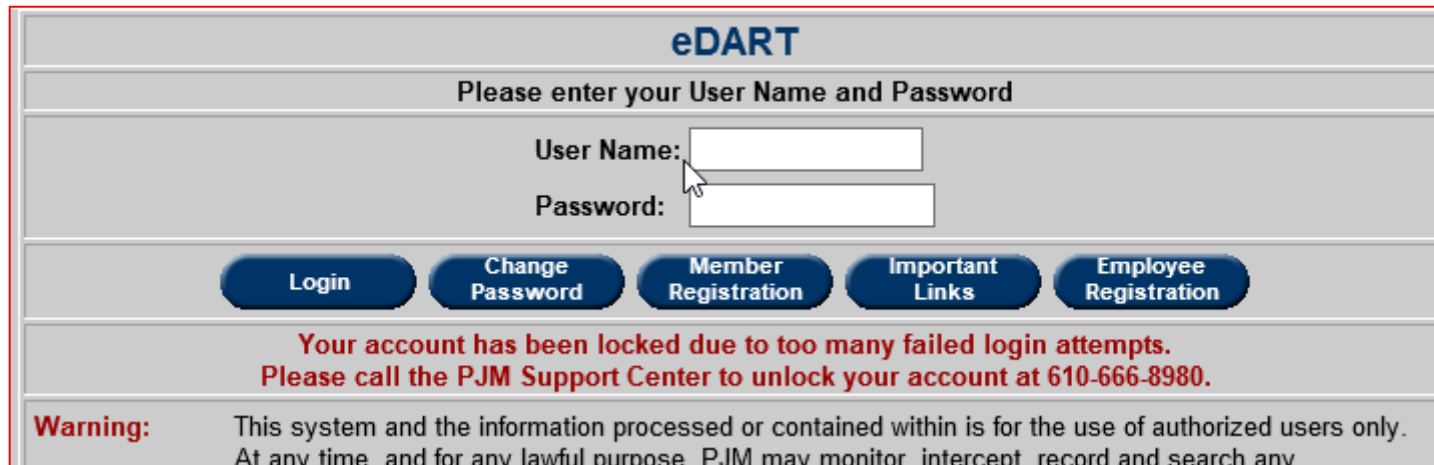
## Q4 2019: Tentative Train Release

- New browserless functionality
- More details to follow
  - Refresh team currently working on UI integrations

With the eDART refresh, management of eDART accounts will be migrated to Account Manager. In preparation for that:

- Use Account Manager username for new eDART account requests.
- Update email addresses for existing accounts.
  - eDART team updating email addresses using information in Account Manager.
- Clean Up Dormant Accounts.
- Notify eDART team of system accounts.

Updated phone number for the PJM Support Center for locked accounts.



The screenshot shows the eDART login interface. At the top, it says "eDART" in blue. Below that, it prompts the user to "Please enter your User Name and Password". There are two input fields: "User Name:" and "Password:". Below the input fields are five buttons: "Login", "Change Password", "Member Registration", "Important Links", and "Employee Registration". A red warning message is displayed: "Your account has been locked due to too many failed login attempts. Please call the PJM Support Center to unlock your account at 610-666-8980." At the bottom, there is a "Warning:" section with the text: "This system and the information processed or contained within is for the use of authorized users only. At any time, and for any lawful purpose, PJM may monitor, intercept, record and search any..."

Fixed issue with Voltage Schedule tickets not being flagged as Late if not acknowledged by Effective Date.

The following are scheduled to be retired in September 2019:

- Tariff Equipment Details download
  - Same as Tariff Facilities download except for <short\_name>; no recent usage.
- SSR, SSR By Date downloads and On Cost Max Emerg. upload
  - SSR application being retired with Manual 13 – Attachment C removal ([click for more information](#)).
- Restoration Plans download
  - No longer needed for transmission ticket uploads.
- Status Report download
  - No recent usage

The following CSV downloads are scheduled to be retired by December 2019 from the Download drop down list:

- dcurvegen
- dcurvetrans
- ratingscsv

The CSV downloads will be available via the web UI on the applicable eDART application page. E.g. TERM for ratings download.

Only XML files will be available via the XML interface.



eDART Release Notes added to eDART page on pjm.com:

<https://www.pjm.com/markets-and-operations/etools/edart.aspx>

- High level summaries of changes to eDART per release beginning May 2019.

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## Company Distributed Workflow (CDW)

- Minimize the need for multiple sub-accounts per company and multiple user accounts per person.
- Client-Agent Functionality: Company admins of clients will be able to request agent companies to act on their behalf in eDART.
- Unit-Task Functionality: Company admins for Generation companies will be able to assign eDART tasks per unit/per user.

Delayed from June release due to integration issues within the CAM process. Issues are being assessed and an updated availability/release date will be communicated as soon as practical.

Demos of CDW functionality beginning tomorrow, June 11<sup>th</sup>.

- Customized for the audience.

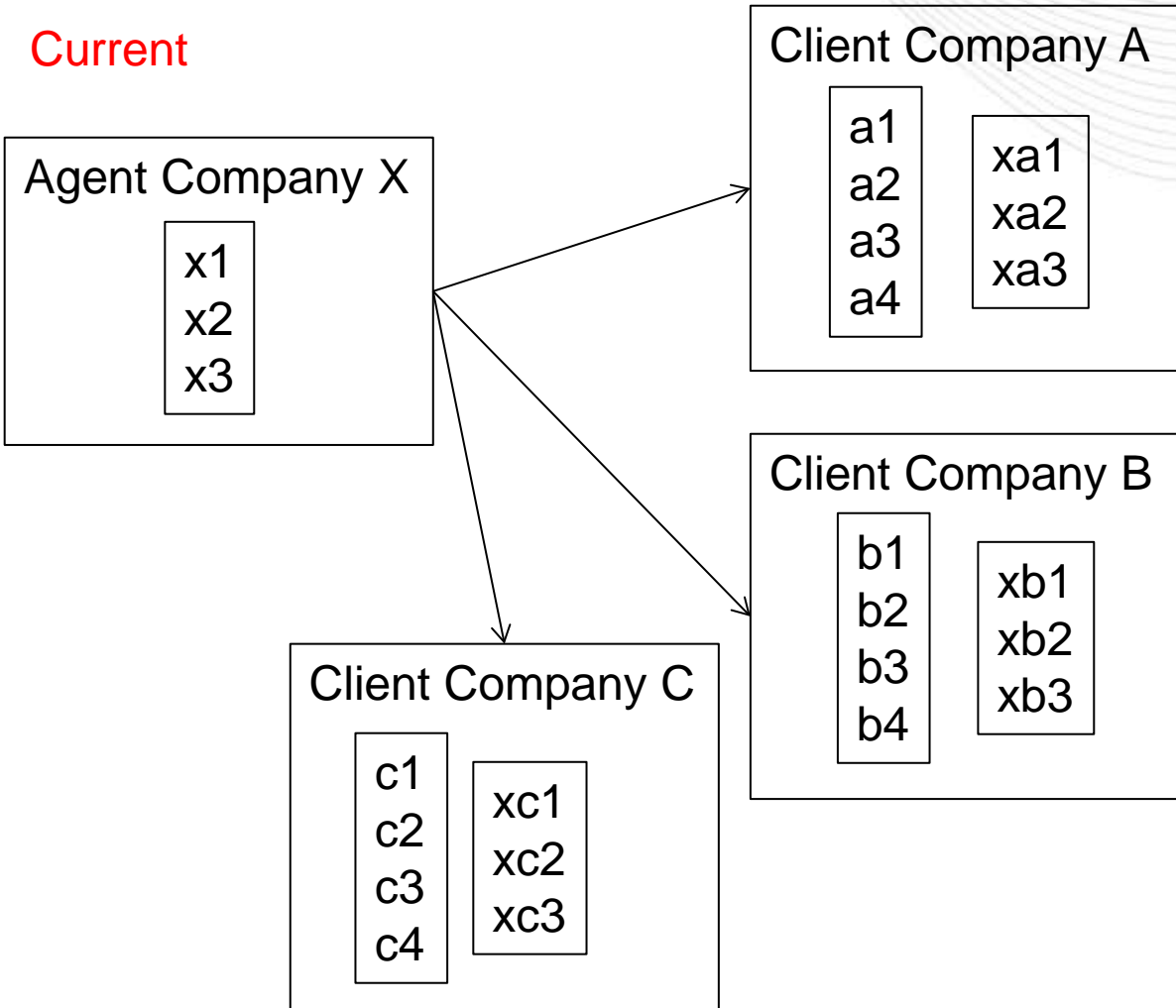
# CDW: Client-Agent Functionality

Member requested functionality for one company (Agent) to perform eDART functions on behalf of another company (Client).

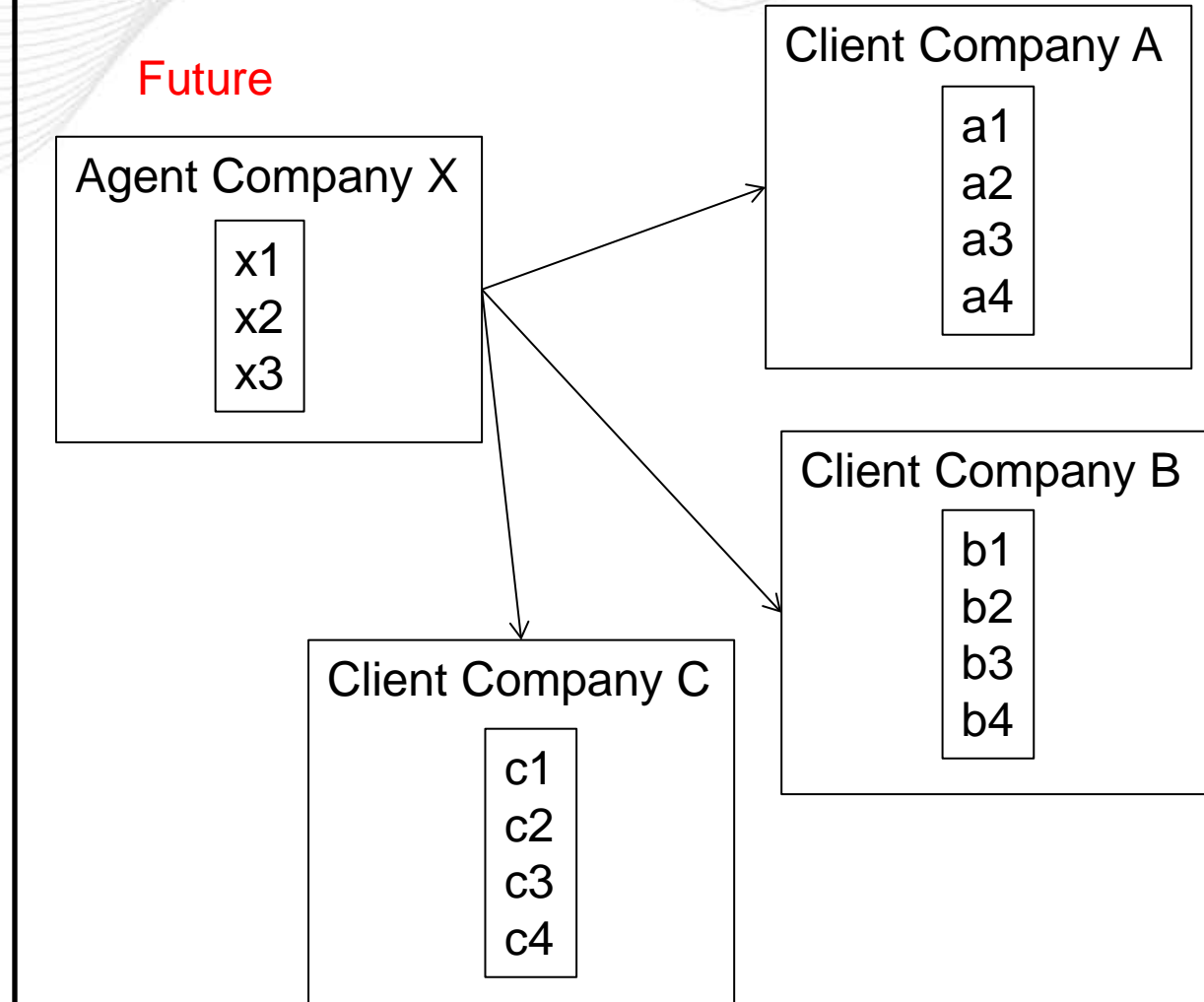
- Agent users will need only one eDART account under Agent.
- Agent users will be able to perform transmission and generation functions in eDART.
- Agent users will be able to switch Clients within a single session of eDART. (No need to logout, and login.)

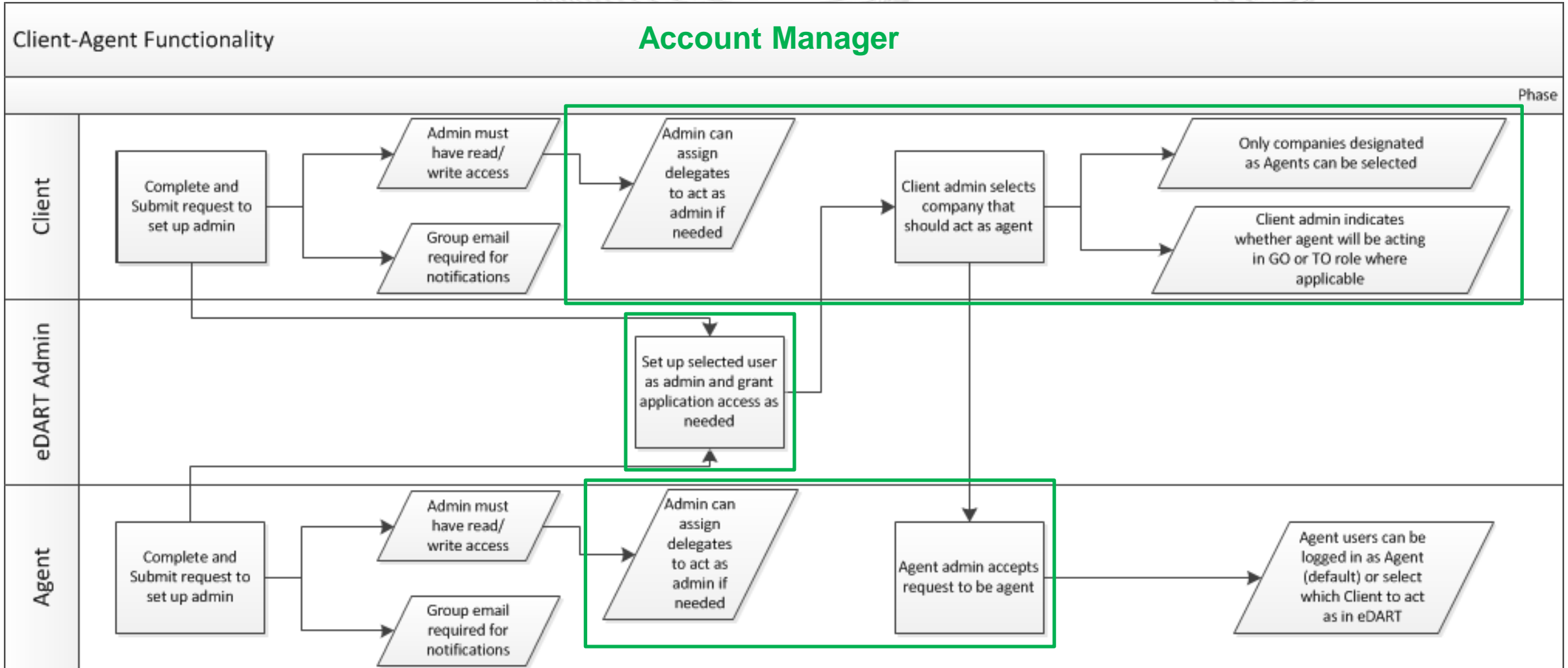
This functionality will NOT be available for eDART browserless interaction. (i.e., eDART Web UI only.)

## Current



## Future



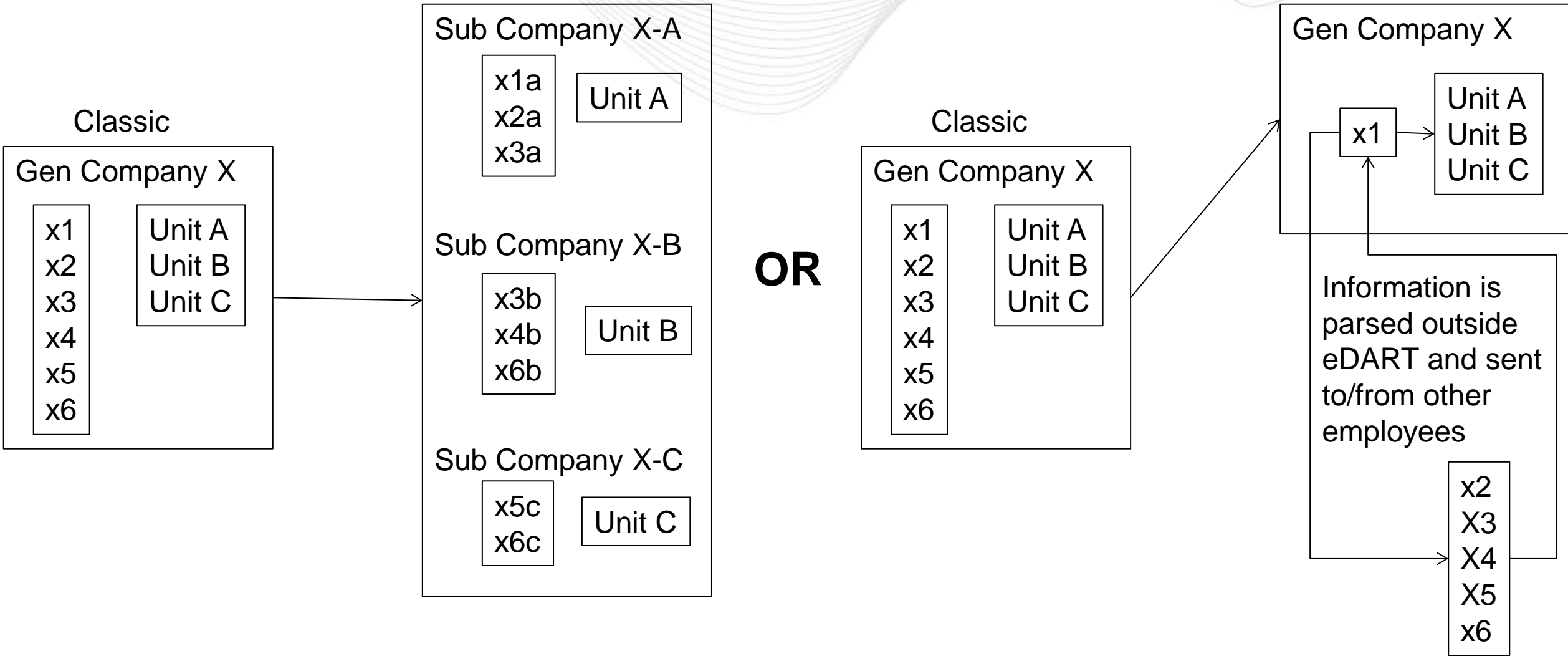


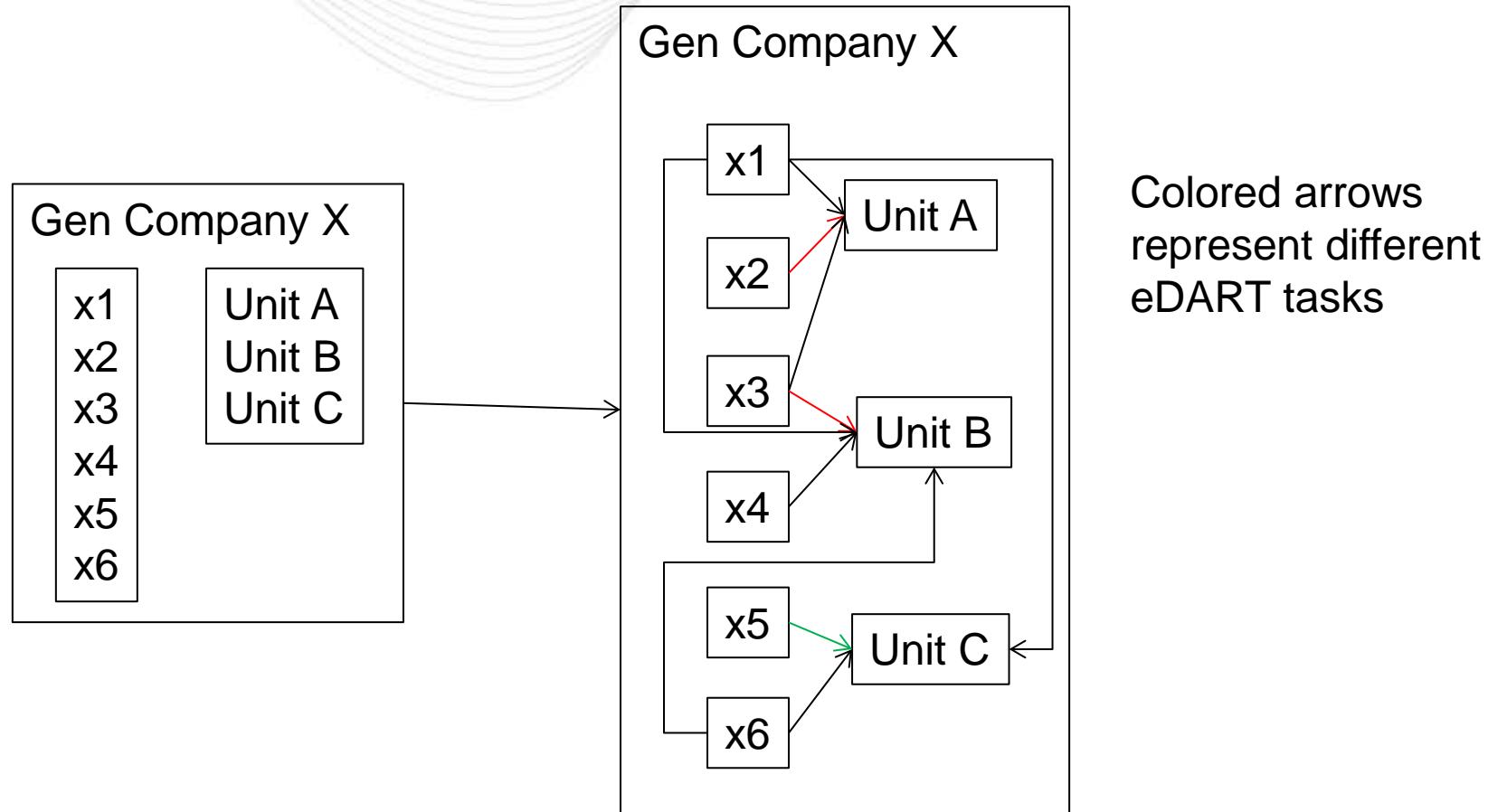


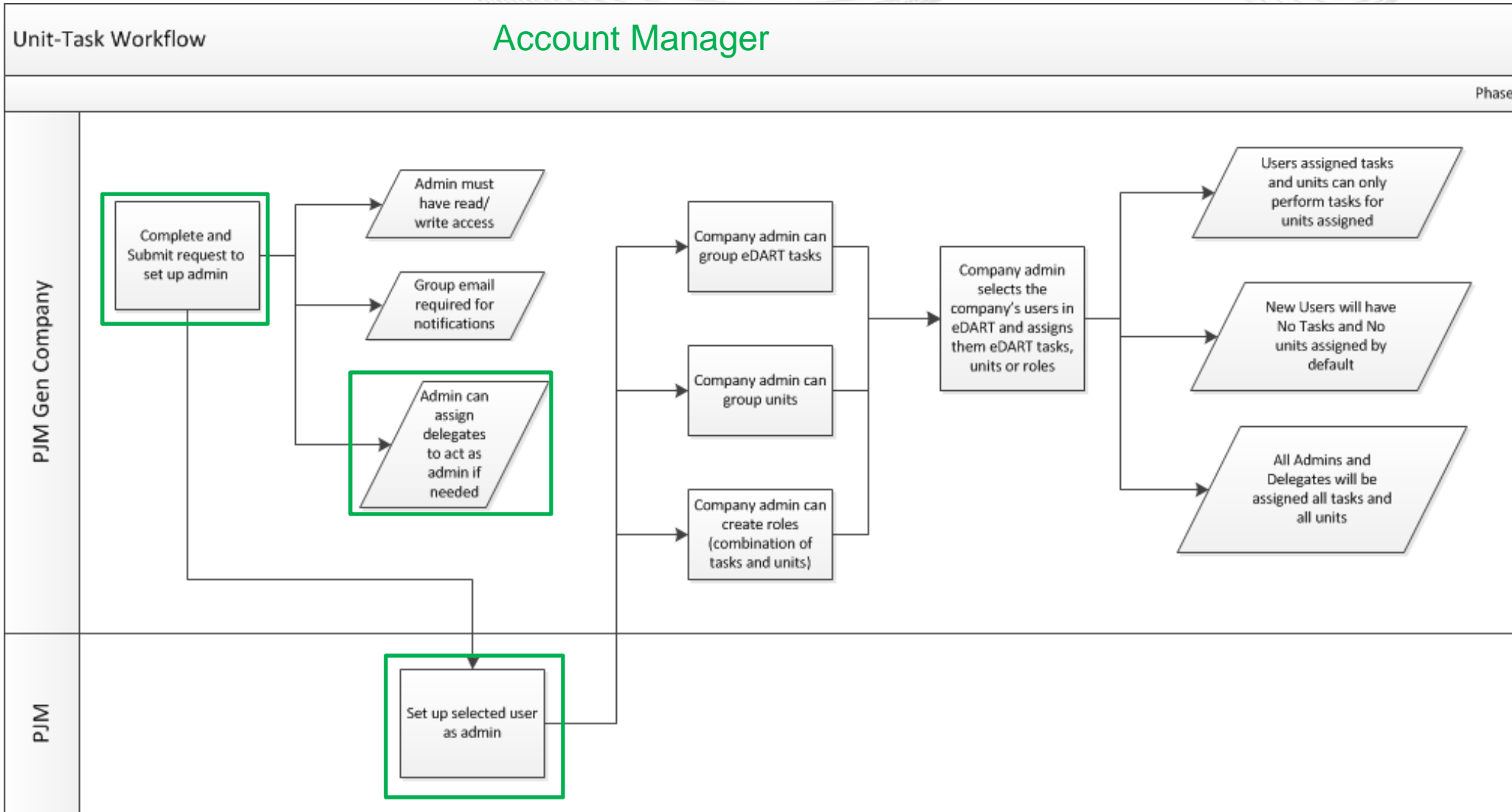
# CDW: Unit-Task Functionality

Member requested functionality to enable the distribution of eDART tasks and/or units to various responsible parties.

- Objective: Eliminate PJM - MOC work-arounds
- With this functionality, MOCs can assign individual Generation Owner support staff with discrete eDART tasks & units, or optionally at the fleet and full task level, as needed.
- Once assigned, user visibility restricted to assigned tasks and units.
- eDART tasks include Generation Tickets, Reactive Testing Tickets, GO Survey, IRC, MinGen, Voltage Schedules etc.







- General Discussion Topics
- Company Distributed Workflow
- **Generation Related Enhancements**
- Transmission Related Enhancements
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New report to track Generation company's response to Instantaneous Reserve Checks (IRCs) per month.

- Report also available to PJM Dispatch.
- Displays information on available capacity , total units, total reserves acknowledged, total reserves unacknowledged and score.
- $\text{Score} = (\text{Total Reserves Acknowledged} / \text{Total Reserves}) \times 100$

### Instantaneous Reserve Check

Submit IRC Data
IRC Report Search
Old IRC Report Search

Monthly Stats Report

### IRC Monthly Statistics Report

Company: [Electric Company](#)

Date Range Selection

From: Month  Year  To: Month  Year

Apply Filter
Download
Main Menu

Month Start Date	IRC Count	IRC Count Responded	IRC Partial Response	IRC No Response	Average Response Time (Minutes)	Max Response Time (Minutes)	Available Capacity MW	Available Capacity Responded MW	Units Count	Units Responded	Quick Start Delta MW	Secondary Reserve Delta MW	Synchronized Reserve Delta MW	Total Reserves MW	Total Reserves Responded MW	Score
05/01/2019	3	2	1	0	5328	15744.7	48906	27049	159	107	12	345	1136	486	486	100%
04/01/2019	1	0	1	0	2.4	2.4	16302	3357	53	5	100	120	328	162	5	3%
12/01/2018	1	1	0	0	127.1	127.1	16302	9233	53	36	0	0	0	162	162	100%
05/01/2018	1	0	0	1			16302	0	53	0	0	0	0	162	0	0%
02/01/2018	1	0	1	0			16302	1000	53	1	0	0	0	162	0	0%



Daily emails will be sent out when the Annual Review for Voltage Schedules is in progress if acknowledgement has not been completed.

- Email sent to the same email address currently receiving notifications.
- Email text will include the posted message on the GO Annual Review page.

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Current functionality: When a transmission ticket is marked as cut-in, a Restoration Plan Update Request is created in Update Required status. Unchecking the cut-in flag does not close the Restoration Plan Update Request.

Enhancement: If a cut-in transmission ticket is unchecked as cut-in and nothing has been done with the Restoration Plan Update Request, eDART will set its status to Cancelled by Company.

## Company Timestamp added to RRC Report and RRC Full download.

- Indicates the last time the RRC was updated from the company side either by ICCP, XML or web UI.

**MVAR Reserve Check Company Data**

Company: <a href="#">Electric Company</a> Request ID: 1271 User Name:	Request Timestamp: 06/10/2019 09:28 <div style="border: 2px solid red; padding: 2px;">Company Timestamp: 06/10/2019 09:31</div> Posted Timestamp: Data Updated: 06/10/2019 09:28
-----------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Description: <input style="width: 95%;" type="text" value="RRC For Testing"/>	RRC Note to All Companies: <input style="width: 95%;" type="text"/>
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**Peak MVAR Reserve Totals**

Company	Capacitors			Reactors			SVCs/Statcom			Units/Condensers	PJM Note	Company Response
	PJM Values	Company Adj. Values	Unackn.	PJM Values	Company Adj. Values	Unackn.	PJM Values	Company Adj. Values	Unackn.	PJM Values		

RRC Full download will now return the open RRC or last posted RRC if no RRC ID is selected.

- Currently returns a system error.

Refresh button removed from posted RRC reports: there is nothing to refresh on a posted report.

Equipment End filter added to View/Revise, History Report and Recently Restored filters.

- Filter page also re-arranged to accommodate new field.

### View/Revise Reports Filter

<b>Company</b>	<b>Ticket ID</b>	<b>Company Ticket ID</b>	<b>Tickets/Notifications</b>	<b>Group Name</b>
Electric Company	<input type="text"/>	<input type="text"/>	<input checked="" type="radio"/> Current <input type="radio"/> Historical <input type="radio"/> Both <input checked="" type="radio"/> Tickets <input type="radio"/> Notifications <input type="radio"/> Shared Tickets	<input type="text"/>
<b>Type</b>	<b>Station Name</b>	<b>Voltage</b>	<b>Equipment Name</b>	<b>End</b>
<input type="text" value="v"/>	<input type="text" value="v"/>	<input type="text" value="v"/>	<input type="text" value="v"/>	<input type="text" value="v"/>
<b>Temporary</b>	<b>Permanent</b>	<b>Planned</b>	<b>Immediate</b>	<b>Reason For Change</b>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="v"/>
<b>Ticket Status</b>	<b>Tickets Occurring (mm/dd/yyyy)</b>	<b>Submittal Date (mm/dd/yyyy)</b>	<b>Include Dynamic Tickets</b>	<b>Implemented w/o Actual Start Date</b>
<input type="text" value="v"/>	From: <input type="text"/> To: <input type="text"/>	From: <input type="text"/> To: <input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>

Apply Filter
Refresh
Main Menu

Daily emails will be sent out when the Annual Review for Voltage Schedules is in progress if acknowledgement has not been completed.

- Email sent to the same email address currently receiving notifications.
- Email text will include the posted message on the TO Annual Review page.

Daily emails will be sent when each GO in TO's transmission zone completes all acknowledgements for the Annual Review.

Current daily email will now exclude Needs Schedules tickets if there is another ticket in the queue for the unit.

- Notifications will only be sent for units that actually require TO action.

Likewise, Voltage Schedules button will only be red if there are units that actually require TO action and will ignore Needs Schedules tickets for units with another ticket in the queue.



Voltage Limits - new tool for Transmission users to update and view current voltage limits on buses.

RRC - Display of eDART Ticket ID when Availability is No.

Network Model – addition of Equipment Type Field Report.

TERM – CSV Export option for Effective Ratings & RXB Report from report page.

RXB – addition of PJM Comments and ability to edit Comments after ticket submission.

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eDART Help: [edarthelp@pjm.com](mailto:edarthelp@pjm.com)

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