



Description of Enhancements

eDART Release March 4, 2006

- **TERM Phase 2**
 - Addition of PS, SD, BRKR
 - Warning Handling
 - Limitation Submission
 - Ticket Duplication
 - Miscellaneous Changes
- Other eDART Application Changes (Enh 5.4)
- Hardware & Software IT Upgrades

- Addition of PS, SD, BRKR facilities for ratings. Previously only contained LINE and XFMR. Multiple bridges changed to handle new types.
- Warnings are to be displayed for all temperature values instead of just one as was in previous.
- No longer required to submit limitations initially for all Temps, Categories, Times of Day. Limitation association selection process adjusted for easier combination selection by use of list boxes for selection instead of drop down boxes. Also added validation that at least one limitation submitted.
- Added ticket duplication functionality.
- Preparations for handling dynamic tickets made via Dynamic Flag.
- Charging value (B) added for all LINES.
- Clearance renamed to End.
- Allowed editing of Estimated Start and End Date after Ticket Approved

- New type of TERM Ticket created for notifying PJM to adjustment of impedence and charging values

New R, X, B Adjustment Request

User: **money** Company: **PJM TEST**

Type: **LINE** Station Name: **TRAIN** Voltage: **230 KV** Equipment Name: **TERM TRAIN LINE**

	R	X	B
Initial	0.067516	0.393502	0.009
New	0.065522	0.393732	0.0091
% Difference	-2.95%	0.06%	1.11%

Comments: Just showing this functionality

Submit Form **Main Menu**

R, X, B Adjustment Report

Your Facilities Notified Facilities Last 30 Days:

Company: **PJM TEST** Voltage: **4 KV** Status: **Submitted**

Apply Filter **Refresh**

Ticket ID	Company	Facility		R	X	B	Comments	Status	Last Updated
69	PJM TEST	Type: BRKR Station: TRAIN Voltage: 35 KV Equip: TERM TRAIN BRKR	Initial	0.058666	0.340768	0		Submitted	01/12/2006 12:09
		Adjusted	0.058672	0.340768	0				
		% Diff.	.01%	0%	N/A				
70	PJM TEST	Type: LINE Station: TRAIN Voltage: 230 KV Equip: TERM TRAIN LINE	Initial	0.067516	0.393502	0.009	Just showing this functionality	Submitted	01/12/2006 12:12
		Adjusted	0.065522	0.393732	0.0091				
		% Diff.	-2.95%	.06%	1.11%				

Submit Form **Adjust R,X,B** **Main Menu**

- Removed impedance from TERM Notifications form
- Added functionality to auto-refresh TERM menu
- Automatic eMail notification when member user requests ownership access to TERM facility sent to termsupport
- Impedance adjustments removed from Change Management Audit report
- New R, X, B Audit report to track changes to impedance and charging values

- B added to all reports where R and X are currently displayed
- Historical Report
 - Forced Company filtering
 - Added functionality to filter on Tickets Ending Within 3 Business Days
- View/Revise to allow filtering of tickets on retired facilities
- Status Report
 - Implemented Permanent Tickets to be excluded by default
 - Dynamic Tickets to be excluded by default

- TERM Phase 2
- Other eDART Application Changes (Enh 5.4)
 - General
 - Transmission Tickets
 - Generator MW Outage Tickets
 - Status Reports (incl. Gen Checkout)
 - Restoration Data
- Hardware & Software IT Upgrades

- Adjust Powerflow download security to allow PJM users to download file
- Addition of new technical read-only PJM user qualification for reviewing eDART system errors
- NA Build bridge redone for new TERM functionality and speed
 - Old method took 3hrs, new method less then 15 min.
- Adjusted drop down boxes to display more rows

- Additional filtering tab added to Bin reports to allow filtering of B1 and/or B2 and/or B3-Text
- System Impacts
 - New bin report called Review System Impacts added w/ count added to give heads up when recently created/revised system impacts can affect a previously submitted ticket
 - Added System Impacts to End-of Day reports

- **Tariff Facilities**
 - Adjusted Tariff Facility to handle sub-transmission zone companies
 - Adjusted sorting on Tariff Facility MS Excel files to Equip Code then Facility Identifier
 - Made minor tweaks to Tariff Facility MS Excel files column headers

- Adjusted Gen Reports to immediately display data instead of requiring additional pre-filtering
- New Initially Denied Revisions report and count for Generator MW Outage Tickets
- Fixed Export to MS Excel functionality for View/Revise Report
- Fixed bug where ticket value didn't transfer over to Submission Study form from ticket automatically

- Peak Status Report
 - Removed extra blank page print for Line Outages and Outages > 300MW report
- SSR
 - Remove deprecated SSR functionality from PB version of Status Report
 - Functionality added to SSR to no longer allow PJM user to accidentally overwrite a current SSR

- Gen Checkout
 - Tickets scheduled to end at Peak Time will no longer be included as still active for period
 - Report to automatically refresh every five minutes
 - Region label changed to ASM
 - Company Reports to be automatically acknowledged where acknowledgement tolerances not violated
 - Gen unit owners with no units included in Gen Checkout process no longer to show up in Acknowledgement Report
 - Adjusted Complete Refresh functionality to no longer lose company acknowledgements when used

- Gen Checkout
 - Areva Changes – Hopefully ready by end of month
 - Units marked unavailable in eMarket will automatically transfer 0 bid in Gen Checkout
 - Rebid data will bridge over to Gen Checkout

- Restoration Data report initial tab stop changed from Company filter to button to avoid accidental company report scrolling
- Restoration Data sort order adjusted to Station then Voltage

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- Hardware & Software IT Upgrades

- Oracle upgrade from 9.2.0.3 to 9.2.0.7
- Add 10 gig to database servers to accommodate for Oracle upgrade