



eDART Users Group (EDUG) – Transmission

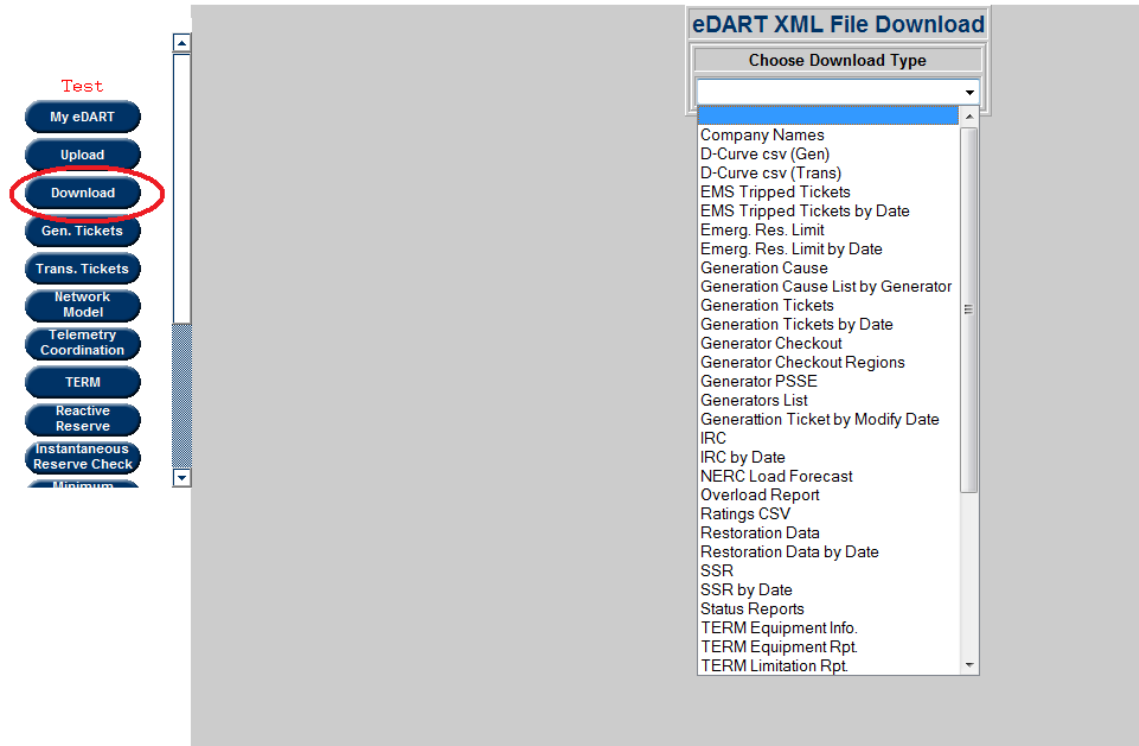
Ron DeLoach
June 3rd, 2009



Miscellaneous Enhancements

- Fixed problem where outages that were originally submitted on time for a month, were incorrectly flagged as late if the outage was revised to start later in the original month and extend into the next month if the revision was made after the first of the month prior to the month in which the outage takes place.

- Companies will be able to download a CSV version of the D-Curve Report.





Sample CSV Version of D-Curve Report

Unit Name	Unit Type	Installed C	Voltage	Metered	Blackstart	EMS Equipped	TA ID	MW Point	MVAR Min	MVAR Max
1 ALLENTON	Diesel/CT	14	TBD	TBD	0	ALLENTON	37467	4	0	0
3 ALLENTON	Diesel/CT	14	TBD	TBD	0	ALLENTON	37467	72	0	0
4 ALLENTON	Diesel/CT	14	TBD	TBD	0	ALLENTON	37467	73	0	0
5 ALLENTON	Diesel/CT	14	TBD	TBD	0	ALLENTON	37467	74	0	0
6 ALLENTON	Diesel/CT	14	TBD	TBD	0	ALLENTON	37467	75	0	0
7 ALLENTON	Diesel/CT	14	TBD	TBD	0	ALLENTON	37467	76	0	0
8 ALLENTON	Diesel/CT	14	TBD	TBD	0	ALLENTON	37467	77	0	0
9 ALLENTON	Diesel/CT	14	TBD	TBD	0	ALLENTON	37467	78	0	0
10 AMITY NU	Nug	1	TBD	TBD	0	STANTON	41648	0	0	0
11 AMITY NU	Nug	1	TBD	TBD	0	STANTON	41648	1	0	0
12 AMITY NU	Nug	1	TBD	TBD	0	STANTON	41648	2	0	0
13 AMITY NU	Nug	1	TBD	TBD	0	STANTON	41648	3	0	0
14 AMITY NU	Nug	1	TBD	TBD	0	STANTON	41648	4	0	0
15 AMITY NU	Nug	1	TBD	TBD	0	STANTON	41648	5	0	0
16 AMITY NU	Nug	1	TBD	TBD	0	STANTON	41648	6	0	0
17 AMITY NU	Nug	1	TBD	TBD	0	STANTON	41648	7	0	0
18 ANDERSC	Diesel/CT	0	TBD	TBD	0	RONCO 1f	45230	0	-50	90
19 ANDERSC	Diesel/CT	0	TBD	TBD	0	RONCO 1f	45230	100	-50	90
20 ANDERSC	Diesel/CT	0	TBD	TBD	0	RONCO 1f	45230	160	-50	90
21 ANDERSC	Diesel/CT	0	TBD	TBD	0	RONCO 1f	45230	161	-50	90
22 ANDERSC	Diesel/CT	0	TBD	TBD	0	RONCO 1f	45230	162	-50	90
23 ANDERSC	Diesel/CT	0	TBD	TBD	0	RONCO 1f	45230	163	-50	90
24 ANDERSC	Diesel/CT	0	TBD	TBD	0	RONCO 1f	45230	164	-50	90
25 ANDERSC	Diesel/CT	0	TBD	TBD	0	RONCO 1f	45230	165	-50	90
26 ARMSTRC	Steam/Fos	172	TBD	TBD	1	ARMSTRC	38847	90	-38	15
27 ARMSTRC	Steam/Fos	172	TBD	TBD	1	ARMSTRC	38847	169	-29	42
28 ARMSTRC	Steam/Fos	172	TBD	TBD	1	ARMSTRC	38847	170	-29	42
29 ARMSTRC	Steam/Fos	172	TBD	TBD	1	ARMSTRC	38847	171	-29	42
30 ARMSTRC	Steam/Fos	172	TBD	TBD	1	ARMSTRC	38847	172	-29	42
31 ARMSTRC	Steam/Fos	172	TBD	TBD	1	ARMSTRC	38847	173	-29	42
32 ARMSTRC	Steam/Fos	172	TBD	TBD	1	ARMSTRC	38847	174	-29	42
33 ARMSTRC	Steam/Fos	172	TBD	TBD	1	ARMSTRC	38847	175	-29	42
34 BLOSSBU	Diesel/CT	19	TBD	TBD	0	BLOSSBU	13135	1	0	1
35 BLOSSBU	Diesel/CT	19	TBD	TBD	0	BLOSSBU	13135	20	-5	11
36 BLOSSBU	Diesel/CT	19	TBD	TBD	0	BLOSSBU	13135	21	-5	11
37 BLOSSBU	Diesel/CT	19	TBD	TBD	0	BLOSSBU	13135	22	-5	11
38 BLOSSBU	Diesel/CT	19	TBD	TBD	0	BLOSSBU	13135	23	-5	11
39 BLOSSBU	Diesel/CT	19	TBD	TBD	0	BLOSSBU	13135	24	-5	11
40 BLOSSBU	Diesel/CT	19	TBD	TBD	0	BLOSSBU	13135	25	-5	11
41 BLOSSBU	Diesel/CT	19	TBD	TBD	0	BLOSSBU	13135	26	-5	11
42 BURLINGT	Diesel/CT	49	TBD	TBD	1	BURLINGT	12837	1	0	9
43 BURLINGT	Diesel/CT	49	TBD	TBD	1	BURLINGT	12837	47	0	9
44 BURLINGT	Diesel/CT	49	TBD	TBD	1	BURLINGT	12837	48	0	9
45 BURLINGT	Diesel/CT	49	TBD	TBD	1	BURLINGT	12837	49	0	9
46 BURLINGT	Diesel/CT	49	TBD	TBD	1	BURLINGT	12837	50	0	9



Viewing of TERM Tickets

- Companies will now be able to filter to see notifications on tickets for facilities they have ownership of but didn't enter the ticket for. The equipment filter has been adjusted to allow selection of facilities notified of and owned when selecting notifications.

View/Revise Reports Filter

Company Company X A	Ticket <input type="radio"/>	Notifications <input type="radio"/>
Ticket ID []	Type []	Station Name []
Reason For Change []	Voltage []	Equipment Name []
Temporary <input type="checkbox"/>	Permanent <input type="checkbox"/>	Include Dynamic Tickets <input type="checkbox"/>
Planned <input type="checkbox"/>	Immediate <input type="checkbox"/>	Implemented w/o Actual Start Date <input type="checkbox"/>
Ticket Status []	Tickets Occurring (mm/dd/yyyy) From: [] To: []	Submittal Date (mm/dd/yyyy) From: [] To: []

Apply Filter Refresh Main Menu

View/Revise Reports Filter

Company Company X B	Ticket <input type="radio"/>	Notifications <input checked="" type="radio"/>
Ticket ID []	Type []	Station Name []
Reason For Change []	Voltage []	Equipment Name []
Temporary <input type="checkbox"/>	Permanent <input type="checkbox"/>	Include Dynamic Tickets <input type="checkbox"/>
Planned <input type="checkbox"/>	Immediate <input type="checkbox"/>	Implemented w/o Actual Start Date <input type="checkbox"/>
Ticket Status []	Tickets Occurring (mm/dd/yyyy) From: [] To: []	Submittal Date (mm/dd/yyyy) From: [] To: []

Apply Filter Refresh Main Menu

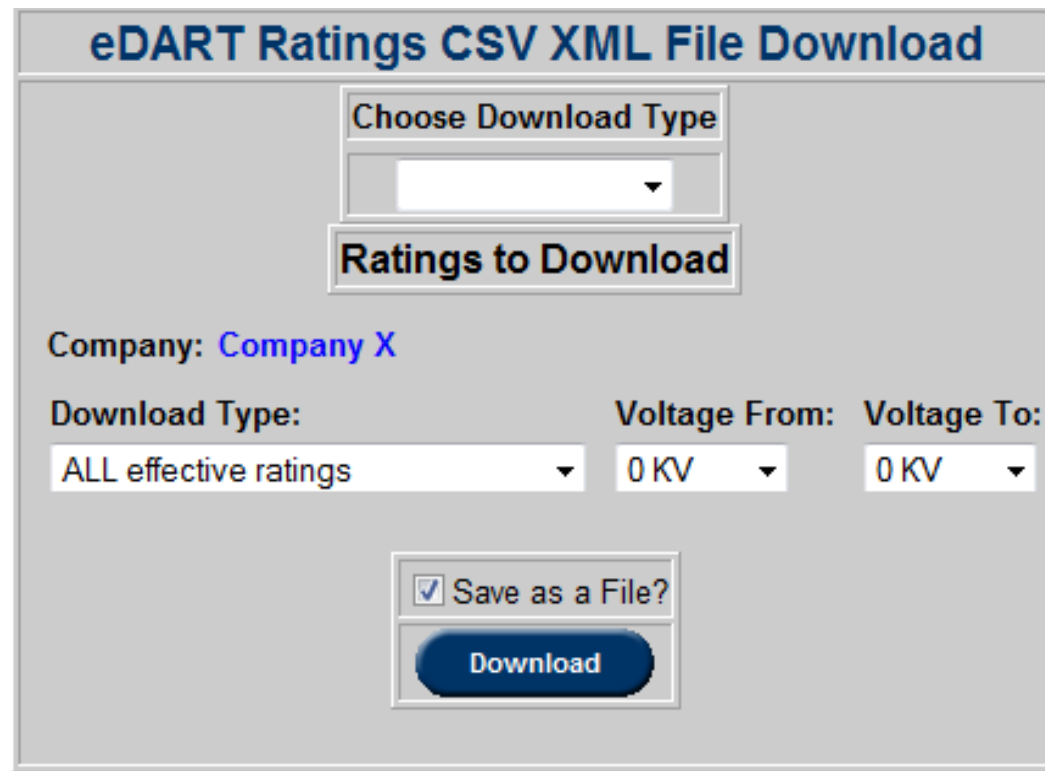
View/Revise Report

Ticket ID	Company	Ticket Status	Type	Station	Voltage	Equip. Name	End	Est. Start	Est. End	Timestamp
[]	Company X A	Implemented	LINE	BETHSTL	115 KV	BETHSTL/RIVERSID 110982	END B	11/20/2002 11:11	12/02/2001 11:11	

View/Revise Report

Ticket ID	Company	Ticket Status	Type	Station	Voltage	Equip. Name	End	Est. Start	Est. End	Timestamp
[]	Company X B	Implemented	LINE	BETHSTL	115 KV	BETHSTL/RIVERSID 110982	END B	11/20/2002 11:11	12/02/2001 11:11	

- There will be a CSV version of the TERM Ratings files available for download under the “Ratings CSV” download type.

The screenshot shows a web interface for downloading ratings. At the top, the title is "eDART Ratings CSV XML File Download". Below the title is a section labeled "Choose Download Type" with a dropdown menu. Underneath is a section labeled "Ratings to Download". The "Company:" field is set to "Company X". The "Download Type:" dropdown is set to "ALL effective ratings". The "Voltage From:" dropdown is set to "0 KV" and the "Voltage To:" dropdown is also set to "0 KV". At the bottom, there is a checkbox labeled "Save as a File?" which is checked, and a blue "Download" button.

eDART Ratings CSV XML File Download

Choose Download Type

Ratings to Download

Company: [Company X](#)

Download Type: ALL effective ratings

Voltage From: 0 KV

Voltage To: 0 KV

Save as a File?

Download

- A “T” will be attached to telemetry files to indicate transmission and a “G” for generation so the transmission and generation files no longer overwrite one another.

Subject: FW: Newly Implemented Telemetry IDs in PJM (Gen & Trans)

 Message |  05_26_2009_T.pdf (3 KB)

Subject: FW: Newly Implemented Telemetry IDs in PJM (Gen)

 Message |  05_26_2009_G.pdf (3 KB)

- On the “IRC Company Data” form, “Spinning” was changed to “Synchronous” and “Secondary Reserve” was changed to “Supplemental Reserve”.
- Under “IRC Reports” in eDATA, “Adjusted Spinning” was changed to “Adjusted Synchronous”



IRC Label Changes – Company Data

Company: **Company**
 Request ID: 12100 Request Timestamp: 03/24/2009 09:36
 User Name: SUPER8 Posted Timestamp:

Company Data

	PJM CZ	Mid Atl	AP	AEP	DAY	DLCO	Western	DOM	Southern	CE	NI
Operating Reserve		0					0		0		0
Normal Regulating Reserve		0					0		0		0
East Normal Regulating Reserve		0					0		0		0
Synchronous Reserve Regulating		0					0		0		0
East Synchronous Reserve Regulating		0					0		0		0
Synchronous Reserve Non-Regulating		0					0		0		0
East Synchronous Reserve Non-Regulating		0					0		0		0
Quick Start											
Hydro		0					0		0		0
Other		0					0		0		0
Supplemental		0					0		0		0
Reserve > 30		0					0		0		0
Regulation		0					0		0		0

Submit Form Refresh Back

Company: **Company**
 Request ID: 12100 Request Timestamp: 03/24/2009 09:36
 User Name: SUPER8 Posted Timestamp:

Company Data

	PJM CZ	Mid Atl	AP	AEP	DAY	DLCO	Western	DOM	Southern	CE	NI
Operating Reserve		n/a					n/a		n/a		n/a
Normal Regulating Reserve		n/a					n/a		n/a		n/a
East Normal Regulating Reserve		n/a					n/a		n/a		n/a
Synchronous Reserve Regulating		n/a					n/a		n/a		n/a
East Synchronous Reserve Regulating		n/a					n/a		n/a		n/a
Synchronous Reserve Non-Regulating		n/a					n/a		n/a		n/a
East Synchronous Reserve Non-Regulating		n/a					n/a		n/a		n/a
Quick Start											
Hydro		n/a					n/a		n/a		n/a
Other		n/a					n/a		n/a		n/a
Supplemental		n/a					n/a		n/a		n/a
Reserve > 30		n/a					n/a		n/a		n/a
Regulation		n/a					n/a		n/a		n/a

Refresh Back

Welcome user, EDATA_GUEST
 Latest PJM RTO Load: 85,352 MW
 Tuesday March 24, 2009 - 10:25 EDT

DATA
 Provided by **pjm**

Elevated Significant Risk

GENSCOPE
 www.genscope.com

Emergencies Constraints

Ticker
LMP List
 MPs updated @ 10:28 03/24/09

AE	DA	\$53.25
-	RT	\$102.30
AEP	DA	\$40.88
-	RT	\$94.10
APS	DA	\$49.47
-	RT	\$98.39
BATH COUNTY	DA	\$56.84
-	RT	\$95.13
BC	DA	\$57.72
-	RT	\$101.96
COMED	DA	\$35.20

Tabs: View Other Tools Help

Tie Flows Weather LMP - Zones LMP Contour... LOAD DR Lambda ACE Guest RTis **Big Picture**

DA Real-Time Both Select LMPs

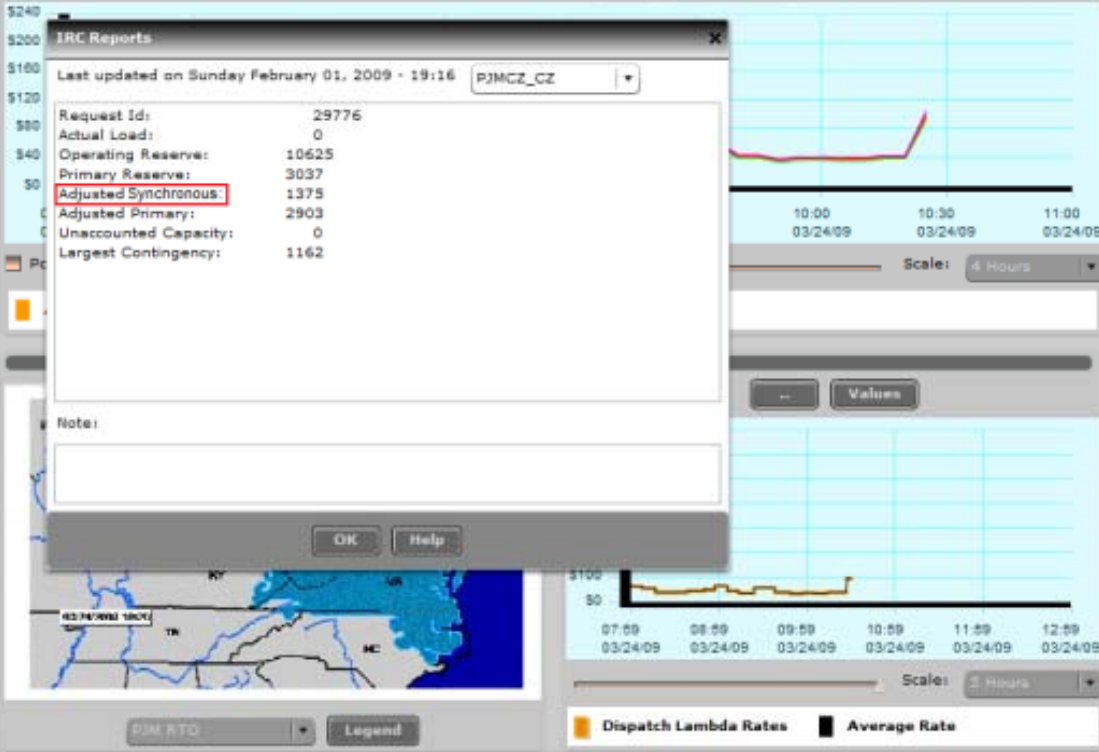
IRC Reports

Last updated on Sunday February 01, 2009 - 19:16 PJMCZ_CZ

Request Id:	29776
Actual Load:	0
Operating Reserve:	10625
Primary Reserve:	3037
Adjusted Synchronous:	1375
Adjusted Primary:	2903
Unaccounted Capacity:	0
Largest Contingency:	1162

Note:

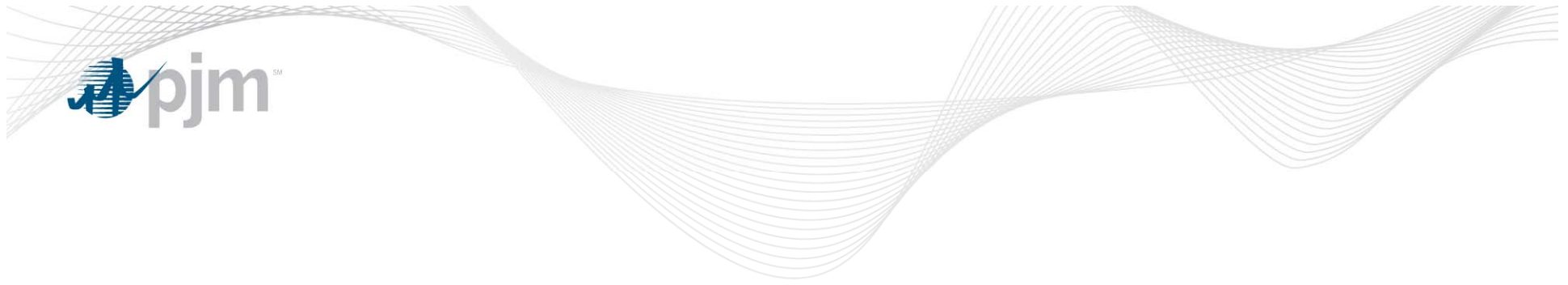
OK Help



Scale: 4 Hours

Scale: 5 Hours

Dispatch Lambda Rates Average Rate



Emergency Procedures Enhancements



Emergency Procedures Enhancements

- Emergency Procedures Messages Report will automatically refresh every 10 minutes.
- Restoration Drill messages will be highlighted in purple in Emergency Messages Report.
- Added Restoration Drill filter to display only drill related postings, all postings(drills included), or non-drill related postings.



Emergency Procedures Enhancements



Emergency Messages (06/02/2009 09:34:33)

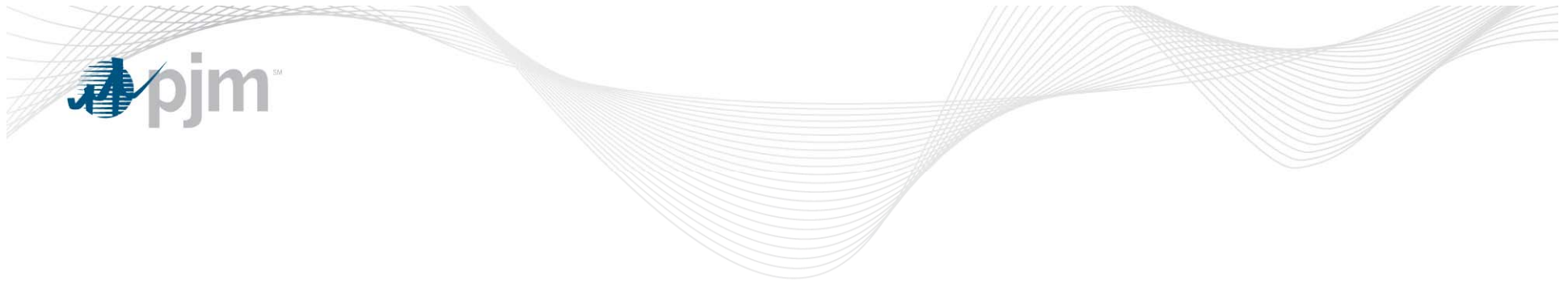
Region(s): PJM - RTO
NICA - Control Area
PJM1 - Control Area
Eastern - Control Zone

Message Type: Cold Weather Alert
Curt Bldg Load
DISREGARD - LOC_TEST1
DISREGARD -- TEST MESSAGE

From: 5/29/09 To: 5/29/09 Active Only: Last 2 Days: Flowgate Number: Restoration Drills: Include

1	Msg. ID	Msg. Type	Date/Time	Region/Area	Emergency Message	Cancel Date/Time
	2052	Cold Weather Alert	05/29/2009 13:59	PJM - RTO	As of hours, a Cold Weather Alert has been issued for na Day New New New New New New New New testing1 Additional Comments: test	
	2033	DISREGARD -- TEST MESSAGE (Restoration Drill)	05/29/2009 13:57	PJM1 - Control Area	Additional Comments: test	05/29/2009 13:58
	2032	Cold Weather Alert	05/29/2009 13:56	PJM - RTO	As of hours, a Cold Weather Alert has been issued for 05/31/09 na Day New New New New New New New New testing1 Additional Comments: test	

-
-
-
-



Future Enhancements

Reactive Reserve Check (RRC) Enhancements

- Provides method of data capture on sub-zones and other groupings more commonly used for evaluation of submitted RRC data.

Telemetry Decommissioning and Downloads

- New functionality to decommission old telemetry ids and notify members as this process occurs
- Full load and busbar inclusion in the telemetry app.

TERM System Impacts

- Enhancements to TERM to link system impacts to TERM tickets.

- Helps better communicate between TO and PJM when transmission facilities get placed into service.
- This would add functionality to the Network Model and Transmission Outage Ticket applications where the TO can see the facilities that we still have marked as future and notify us when they are in service.

<u>Station</u>	<u>Voltage</u>	<u>Equipment Name</u>	<u>eDart Date</u>	<u>Create Cut-In Ticket</u>	<u>Ticket Created</u>	<u>Start Date</u>	<u>End Date</u>	<u>Effective Date</u>
station1	voltage1	equipment1	08/25/07	<input checked="" type="checkbox"/>	34275	08/25/07	09/25/07	
station2	voltage2	equipment2	07/29/07	<input type="checkbox"/>				
station3	voltage3	equipment3	09/12/07	<input type="checkbox"/>	49972	09/12/07	09/28/07	

Submit

Main Menu

- Functionality to ship transmission outage tickets to TARA for bulk approval analysis.
- The results would be sent back to eDART for ticket update.
 - (Note: TARA analysis will have a separate status stream then ticket status.)

Review/Revise Transmission Ticket

User: SUPERS Company: Company X
 Status: Revised Ticket ID: 4182 **TARA Status**

Company Ticket ID:

Ticket Start: 05/25/08 04:00 Ticket End: 05/30/08 13:00 Switch Date: 05/25/08 04:00 [Change Dates](#)

Date (mm/dd/yyyy) Hour (h:24:mi) Date (mm/dd/yyyy) Hour (h:24:mi) Date (mm/dd/yyyy) Hour (h:24:mi)

Location/Description of Work (500 characters max): CONVERSION TO 230KV

Information/Hotline Work: Emergency, Uncertain, Vegetation Trip, Cut In, Congestion Expected, Submitted On-Time, Market Sensitive

PJM Comments:

Outage Type: Daily - No Weekends Availability: Duration Cause: Contingency Planning, Disconnect/Ground Sw. Maintenance, Doble Test, Emergency, Excludable Outage, External

Type: Station Name: Voltage: Equipment Name:

[Print Version](#) [Date Time Log](#) [History Log](#) [Notifications Log](#) [Cancel Ticket](#) [Duplicate Ticket](#)
[Station Equip.](#) [Submit Form](#) [Refresh](#) [Gen. Outage Lookup](#) **[TARA History Log](#)** [Main Menu](#)

Status	Type	Station Name	Voltage	Equipment Name	Start Date	Start Hour	End Date	End Hour
O	Yes	LINE MAYSCHAP	115 KV	MAYSCHAP-TEXAS 110509	05/25/08	04:00	05/30/08	13:00
O	Yes	LINE TEXAS	115 KV	TEXAS-WINDYEDG 110509	05/25/08	04:00	05/30/08	13:00

Actual Outage Log

Start Date	Start Hour	End Date	End Hour
09/09/1996	04:00	09/09/1996	13:00
09/09/1996	04:00	09/09/1996	13:00

TARA History Log

TARA Status	User Name	Timestamp
		05/13/2008 14:41
		09/03/1996 13:00

[Close Window](#) [Submit](#)

