

Capacity Exchange – First Look

Susan Kenney
Sr. Consultant, Real Time Market Operations
Tech Change Forum
May 22, 2018

- Capacity Exchange will replace eRPM as part of PJM's Legacy Application Refresh
 - New Look and Feel
 - Reorganized Menu
 - Reorganized Screens
 - Will be compatible with Modern Browsers
 - Enhanced Security/Authorization Procedures
 - There is an additional authentication step that will be required similar to Markets Gateway and FTR Center
 - New Target URLs

PJM | CapacityExchange - x

Secure | https://capacityexchange.test.pjm.com/capacityexchange/pages/secure#Load_Obligation/Load_Obligation

My Tools | Capacity Exchange | CE STAGE | M2Me Data Manage | M2Me Data Manage | M2Me Data Manage | M2Me Data Manage | JIRA | M2Me Consoles Hor | Turnberry timesheet | Login to IQNavigator | Meeting Room Man | PJMTST | PJM TEST (NORMALGUY) | Sign Out | Contact | Help

Capacity Exchange

Load & Obligation

Load & Obligation

PRD

Resource Position

LDA Summary

Generation Resources

Demand Resources

EE Resources

Aggregate Resources

Locational MW

Resource Model

Transactions

Auctions

Credit

FRR

Performance

Utilities

Delivery Year: 2017/2018 Zone: ALL Refresh XML GSV

Zonal Load & Obligation Wholesale Area Load Daily Load & Obligation Peak Load Summary NSPL NSPL Summary

PJMTST >> 2017/2018 Row Count: 20

Zone	Final Zonal WN Summer Peak	Final Zonal Peak Load Forecast	Final Zonal RPM Scaling Factor	Final Zonal UCAP Obligation	Final Zonal Capacity Price	Final Zonal CTR Credit Rate	Final Zonal Net Load Price
AECO	2,460.0			77.9	0.00000		
AEP	22,320.0			320.4	0.00000		
APS	8,440.0			250.6	0.00000		
ATSI	12,660.0			370.8	0.00000		
BGE	5,000.0			205.5	0.00000		
COMED	20,560.0			653.8	0.00000		
DAY	3,270.0			99.3	0.00000		
DEOK	5,020.0			131.3	0.00000		
DOM	18,450.0			594.6	0.00000		
DPL	3,740.0			118.6	0.00000		
DUQ	2,750.0			84.3	0.00000		
EKPC	1,880.0			60.2	0.00000		
JCPL	5,650.0			180.5	0.00000		
METED	2,850.0			86.7	0.00000		
PECO	8,120.0			251.8	0.00000		
PENELEC	2,770.0			85.8	0.00000		
PEPCO	6,030.0			190.7	0.00000		
PPL	6,870.0			213.0	0.00000		
PSEG	9,530.0			296.7	0.00000		
RECO	385.0			11.7	0.00000		
Totals	148755.0	0.0		4284.2			

Final Zonal CTR Credit Rate is represented in (\$/MW-UCAP Obligation-day)

PJM © 2018. All rights reserved | Legal and Privacy | v1.0.11.1805021514_c4cd1d | Feedback

PJM | CapacityExchange x

Secure | https://capacityexchange.test.pjm.com/capacityexchange/pages/secure#!Resource_Position/LDA_Summary

My Tools | PJMTST | PJM TEST (NORMALGUY) | Sign Out | Contact | Help

Capacity Exchange

- Load & Obligation
- Resource Position
 - LDA Summary**
 - Generation Resources
 - Demand Resources
 - EE Resources
 - Aggregate Resources
 - Locational MW
 - Resource Model
- Transactions
- Auctions
- Credit
- FRR
- Performance
- Utilities

Date: 6/2/2018 Capacity Type: ICAP Refresh XML CSV

PJMTST >> 06/02/2018 >> ICAP Row Count: 5

LDA	Resource Type	Start Date	Stop Date	Owned	RPM Commitments	FRR Commitments	Unoffered	Positive Available	RPM Deficiency
Show All	Show All								
PEPCO				0	13.2	0	0	0	13.2
	GEN	06/01/2018	06/01/2019	0	4	0	0	0	4
	DR	06/01/2018	06/01/2019	0	9.2	0	0	0	9.2
EMAAC				0	4	0	0	0	4
	GEN	06/01/2018	06/01/2019	0	4	0	0	0	4

PJM © 2018. All rights reserved. Legal and Privacy v1.0.11.1805021514_c4cd1d Feedback

- Enhanced Functionality Included:
 - Improved Filtering on Most Screens
 - Reports Section
 - Query Load & Obligation Data by Date Range
 - Performance Tuning for PLC/NSPL Upload
- Anticipated Screen Retirements:
 - ILR
 - CTR
 - Position Graph

- Browserless Access information
 - <http://www.pjm.com/~media/etools/pjm-browserless-authenticationguide.ashx>
- Quick Start Guide posted today, 5/22 and External Interface Specification Guide in June
- Questions? Please contact:
 - CapacityExchangeSupport@pjm.com
 - Member Relations: (610) 666-8980 / (866) 400-8980
 - Visit Tech Change Forum Community page for Knowledge base on Support issues