



Load Management & PRD Testing Requirements

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Markets & Reliability Committee
October 31, 2019

- Test only required if customer was not deployed for Emergency conditions
- CSP/PRD provider determines when to test
- Summer only
- 1 hour
- Unlimited Test and Re-Test (if zonal compliance is $>75\%$ then customers that did not perform can be retested to improve score)
- Customer performance aggregated by zone
- No direct way to receive energy market compensation during test

- Tests do not reflect event conditions
 - Much easier to perform during a test than an event because customer is notified of the test hour well in advance plus have unlimited “Do-Overs”.
- Test requirement developed based on outdated Limited DR availability requirements:
 - Limited DR was replaced with CP
 - Limited only required for 10 days for 6 hours per day during the summer months
 - CP requires DR to be available on annual basis for up to 15 hours per day
- Mandatory Load Management has not been dispatched in over 5 years (but accounts for > 5% of overall capacity)
 - Low Frequency, High Impact event – critical to perform when needed

Load reduction capability under variety of conditions is not known



Known test time
in advance,
easy to prepare

Less-
notification,
similar to an
event

Actual events are not very predictable and require CSPs to be ready for events that do not occur.

- Change Tier 1 notification from month ahead to 2 weeks ahead (by Monday or first business day prior to start of test period):
 - No changes to Tier 2 (day ahead) and Tier 3 (test day lead time)
- Timing of request for Retest if CSP has issue (delivers less than 75% of the committed MWs) with the Test:
 - First Read version - PJM directed retest upon CSP request before the end of month after the test.
 - CSP given 30 to 60 days after to test to request retest, as needed.
 - Modified version - PJM directed retest upon CSP request before the 46th day after the test.



Load Management Testing Requirements - Work Plan (2019-2020)

Detailed Work Plan	Feb (2019)	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan (2020)	Feb
Provide Education - DRS	27th	28th											
Document Interests - DRS	27th	28th											
Develop Components - DRS		28th	24th										
Develop Component Options - DRS		28th	24th	28th	19th								
Develop Packages - DRS				28th	19th								
Build Consensus				28th	19th	23rd	13th	5th	2nd				
DRS Vote						23rd							
First Read @ MIC							7th						
Vote @ MIC								11th					
First Read @ MRC								26th					
Vote @ MRC									31st				
Vote @ MC										No MC Mtg	5th		
PJM Board												No Board Mtg	x
FERC Filing													x
New rules effective												2023/2024 Delivery Year	

- Test Event Compliance
 - RAA
 - Schedule 6 PROCEDURES FOR DEMAND RESOURCES AND ENERGY EFFICIENCY, Sections H and K
 - Schedule 6.1 PRICE RESPONSIVE DEMAND
 - OATT Attachment DD.11A, DEMAND RESOURCES TEST FAILURE CHARGE
 - OA Schedule 1, Section 8.9, Reporting and Compliance
 - PJM Manual 18, PJM Capacity Market, Section 8.8 Load Management Test Compliance
 - M01, Section 1.9 Other PJM Tools (Power Meter, InSchedule, eLRS, FTR Center) - polling requirement for Test/Re-test Events via web services
- Test Event Energy Settlements
 - PJM Manual 28: Operating Agreement Accounting, Section 11: PJM Load Response Programs Accounting
 - PJM Manual 11: Energy & Ancillary Services Market Operations, Section 10: Overview of the Demand Resource Participation