

Product specific dispatch

DRS (Demand Response
Subcommittee)

9/27/2011



- PJM may dispatch Annual DR and Extended Summer DR **prior to Limited DR** to reserve Limited DR capability for other potential system emergencies based on following schedule:

Period	# of zonal (all Load Management products) events
Before 7/1	2
Before 8/1	4
Before 9/1	7

- Example
 - PJM dispatches 4th Emergency Load Management event for PECO zone 7/15.
 - PJM may consider product specific dispatch if another emergency event is needed in PECO zone prior to 8/1.
- Extent to which PJM may dispatch Annual DR or Extended Summer without dispatching Limited DR depends on number of factors:
 - **# zonal events already dispatched**
 - *Must be a zonal event (PJM will not dispatch by product at sub zonal level)*
 - Amount of DR committed for DY for each product type
 - Number, lead time, location and performance of past load management events.
 - Expected future system conditions that may necessitate additional LM events

PJM will not consider product specific dispatch unless zone already dispatched frequently based on schedule

- Utilize appropriate notification mechanism
 - ALL CALL
 - Electronic message
- All registrations will be identified with specific product type so it is clear which registration was required to respond to what event.

Product specific dispatch should be rare.

- Change test penalty rate to be product specific
 - Test may be done by product and therefore need to align the test penalty rate with what is tested.

- Product definitions

- Effective with the 2014/2015 DY, a load management resource (i.e., demand resource) may be one of three product types:
 - ❖ **Limited Demand Resource**
 - ❖ **Extended Summer Demand Resource**
 - ❖ **Annual Demand Resource**

Requirement	Limited DR	Extended Summer DR	Annual DR
Availability	Any weekday, other than NERC holidays, during June – Sept. period of DY	Any day during June-October period and following May of DY	Any day during DY (unless on an approved maintenance outage during Oct. - April)
Maximum Number of Interruptions	10 interruptions	Unlimited	Unlimited
Hours of Day Required to Respond <i>(Hours in EPT)</i>	12:00 PM – 8:00 PM	10:00 AM – 10:00 PM	Jun – Oct. and following May: 10 AM – 10 PM Nov. – April: 6 AM- 9 PM
Maximum Duration of Interruption	6 Hours	10 Hours	10 Hours
Notification	Must be able to reduce load when requested by PJM All Call system within 2 hours of notification, without additional approvals required		
Registration in eLRS	Must register sites in Emergency Load Response Program in Load Response System (eLRS)		
Event Compliance	Must provide customer-specific compliance and verification information within 45 days after the end of month in which PJM-initiated LM event occurred.		
Test Compliance	In absence of the PJM-initiated LM event, CSP must test load management resources and provide customer-specific compliance and verification information.		