

Load Management 30 minute lead time requirement – administrative process & eLRS changes

DRS

10/22/14

- If CSP is not sure if customer load reduction activity qualifies for exception then CSP should contact PJM and provide specifics:
 - Go to <http://www.pjm.com/~media/markets-ops/dsr/dr-30-min-lead-time-exception-request-form.ashx>
 - Provide specific information and outlined in guidelines based on the specific exception (damage, safety, etc.) requested

- CSP registers location (same as today) except
 - 30 minutes lead time is default
 - If CSP selects 60 or 120 minute lead time then CSP must
 - Select appropriate exemption (CSP is required to have appropriate supporting documentation from location for any exemption request BEFORE requesting the exemption)
 - Manufacturing process equipment/feedstock/product damage
 - Generation ramp limit
 - Safety problem
 - Mass market communication latency
 - Provide brief summary of reason for exemption
 - Exemption provisionally approved and registration goes through normal approval process
 - PJM will follow up with CSP on case by case basis for supporting information prior to registration submission deadline
 - CSP to provide supporting information
 - if CSP does not have adequate information lead time will be changed to 30 minutes
 - CSP may terminate registration if 30 minutes is not viable.
 - CSP that have frequent non-supported exemptions will be referred to MMU and/or FERC OE for additional investigation.

Action ▾
Registration Details (2317)

Name	Reg-AEP-AEP	Program	Load Management DR Full
Registration Id	R2317	CSP	AEP
Effective Date	05/17/2014	Status	New
Termination Date	08/23/2014	Hold Status	<input type="checkbox"/> Scheduling <input type="checkbox"/> Settlements

Locations
Energy
Capacity
Comments
Process History
RERRA Evidence
Data History

Peak Load Contribution (kW)	400.0
Capacity Loss Factor	1.028

Compliance

Capacity Type	DR
Resource Type	Pre-Emergency ▾
Product	Limited DR ▾
RPM DR Resource	--Select Resource-- ▾
Area	Duq Area 1 ▾
Lead Time	Quick_30 ▾

Measurement

Method	Guaranteed Load Drop ▾
Managed Load	300.0
# of Sites Multiplier	
Nominated ICAP (kW)	308.4



Registration – 60 minute lead time based on CSP certification that it qualifies for generation start time exception

Registration Details (2000) Reset

Action ▾

Name	loc . 1	Program	Load Management DR Full (6/1/10-5/31/15) ▾
Registration Id	R2000	CSP	AEP
Effective Date	07/19/2013	Status	Confirmed
Termination Date	05/31/2014	Hold Status	<input type="checkbox"/> Scheduling <input type="checkbox"/> Settlements

Locations | **Energy** | **Capacity** | **Comments** | **Process History** | **RERRA Evidence** | **Data History**

Peak Load Contribution (kW) 100.0

Capacity Loss Factor 1.0

Compliance

Capacity Type	DR
Resource Type	Pre-Emergency ▾
Product	Limited DR ▾
RPM DR Resource	--Select Resource-- ▾
Area	Aep Area 0 ▾
Lead Time	Short_60 ▾
30 minute lead exception	Generation start time ▾

30 minute lead exception desc

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My company has necessary documentation to support the 30 minute notification exception in accordance with PJM tariff and rules

Measurement

Method	Guaranteed Load Drop ▾
Managed Load	100.0
# of Sites Multiplier	
Nominated ICAP (kW)	100

```

<ns2:capacityInfo>
  <ns2:capacityType>DR</ns2:capacityType>
  <ns2:leadTime>See Table</ns2:leadTime>
  <ns2:leadExceptionReason>See Table</ns2:leadExceptionReason>
  <ns2:leadExceptionDesc>Enter description</ns2:leadExceptionDesc>
  <ns2:leadExceptionCertify>True or False</ns2:leadExceptionCertify>

  <ns2:zoneArea>Zone Area </ns2:zoneArea>
  <ns2:RPMResourceID> See Table </ns2:RPMResourceID>
  <ns2:measurementMethod> See Table </ns2:measurementMethod>
  <ns2:capacityLossFactor>Capacity Loss factor value</ns2:capacityLossFactor>
  <ns2:peakLoadContribution>Peak Load Contribution
value</ns2:peakLoadContribution>
  <ns2:managedLoad> Managed Load e.g. 1050</ns2:managedLoad>
  <ns2:multiplier> Multiplier e.g. 5</ns2:multiplier>
  <ns2:product>See Table</ns2:product>
  <ns2:resourceType> See Table </ns2:resourceType>
</ns2:capacityInfo>

```

<ns2: leadTime>
Long_120
Short_60
Quick_30

<ns2: leadExceptionReason>
Manufacturing damage
Generation start time
Safety problem
Mass market comm

Sample 60 minutes lead time exception request with error

```

<ns2:capacityInfo>
  <ns2:capacityType>DR</ns2:capacityType>
  <ns2:leadTime>Short_60</ns2:leadTime>
  <ns2:leadExceptionReason>Generation start time</ns2:leadExceptionReason>
  <ns2:leadExceptionDesc>Generation start time</ns2:leadExceptionDesc>
  <ns2:leadExceptionCertify>False</ns2:leadExceptionCertify>

  <ns2:zoneArea>Zone Area </ns2:zoneArea>
  <ns2:RPMResourceID> See Table </ns2:RPMResourceID>
  <ns2:measurementMethod> See Table </ns2:measurementMethod>
  <ns2:capacityLossFactor>Capacity Loss factor value</ns2:capacityLossFactor>
  <ns2:peakLoadContribution>Peak Load Contribution
value</ns2:peakLoadContribution>
  <ns2:managedLoad> Managed Load e.g. 1050</ns2:managedLoad>
  <ns2:multiplier> Multiplier e.g. 5</ns2:multiplier>
  <ns2:product>See Table</ns2:product>
  <ns2:resourceType> See Table </ns2:resourceType>
</ns2:capacityInfo>

```

Response:

```

<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ResponseMessage xmlns="http://www.pjm.com/schema/drbiznet/2009/message"
xmlns:ns2="http://www.pjm.com/schema/drbiznet/2009/model">
      <Header>
        <Verb>reply</Verb>
        <Noun>registration</Noun>
        <Revision>1.0</Revision>
        <Source>PJM</Source>
        <UserID>rmick</UserID>
        <MessageID>1411423357268</MessageID>
      </Header>
      <Reply>
        <ReplyCode>fatal</ReplyCode>
        <Error>4011 - Validation error lead Exception certify must be true for
leadtime of Short_60</Error>
      </Reply>
      <Payload/>
    </ResponseMessage>
  </soap:Body>
</soap:Envelope>

```