

DR Registration Process and RERRA



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Market Implementation Committee
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Demand Response can participate within the various PJM markets:

- Energy
 - Day Ahead
 - Real Time
 - Dispatched
- Ancillary Services
 - Synchronized Reserve
 - Day Ahead Scheduling Reserve
 - Regulation
- Capacity
 - Offer into auction up to 3 years in advance

Economic

Register year round

Can only register for period of contract

Effective date in 2 business days

Reviewed by EDC and LSE (if applicable)

Termination Date can be extended if CSP has valid contract

Capacity

Register only from first business day of year to May 31st

Contract with customer must be for entire Delivery Year

Effective Date always June 1

Reviewed by EDC

New registration each year

Applies to all locations on every registration

- Verify EDC Account Number(s)
 - Defines end-use customer (avoid duplicates)
- Verify Loss Factors
 - Energy LF used for Economic participation
 - Capacity and Energy LF used for Load Management participation
- Verify the Peak Load Contribution (PLC) – Load Management only
- Verify that the location has an EDC interval meter
 - Only if EDC Meter is designated on the registration
 - PJM approves CSP interval meters
- Verify Pricing Point – must use Residual Zonal Pricing if not priced at node or aggregate
- RERRA Evidence, if needed

Applies to all locations on economic registration, excluding registrations only in the Regulation market

- Verify this location is a customer of the LSE
 - Using EDC Account Number and Address

DR Hub

Location Detail

Tasks

Locations

Registrations

Events

Meter Data

Energy Settlements

Compliance

Dispatch Groups

Account and Users

Reports

RERRA

Cancel

Save

Register

Copy

Location *

EDC Account Number *

Location ID

Address Line 1

City

Utility Residential Participation?

CSP

EDC *

Business Segment

Address Line 2

State *

Status H

Zone *

Pricing Point

Allow EDC to submit data Allow LSE to submit data

Zip Code

Meter Equipment

Add Meter Equipment

Meter Type	Meter Equipment	Status	Review Date	Interval	Installation Date	Installation QA Plan	Certification
<input type="text" value="EDC Meter"/>		Approved	04/25/2017				

Records Per Page: (1 of 1)

1 record(s)

Registration Input

Peak Load Contribution (kW)	<input type="text" value="100.000"/>	Winter Peak Load (kW)	<input type="text"/>	Capacity Loss Factor	<input type="text" value="1.10000"/>	Energy Loss Factor	<input type="text" value="1.10000"/>	Maximum Load Reduction Capability (kW)	<input type="text" value="100.000"/>
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Load Reduction Method

Manufacturing (kW)	<input type="text" value="0.000"/>	HVAC (kW)	<input type="text" value="100.000"/>	Generator (kW)	<input type="text" value="0.000"/>	Lighting (kW)	<input type="text" value="0.000"/>
Refrigeration (kW)	<input type="text" value="0.000"/>	Water Heaters (kW)	<input type="text" value="0.000"/>	Batteries (kW)	<input type="text" value="0.000"/>	Plug Load (kW)	<input type="text" value="0.000"/>

DR Hub

Registration Detail

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Cancel
Save
Copy
Search ▼
Resource Outage

Name *	Lancair ESP 01802495267	CSP	PE	Status	CONFIRMED H
Reg ID	1528361	Program *	Load Management DR Full ▼	<input type="checkbox"/> Hold Scheduling	<input type="checkbox"/> Hold Settlement
Effective Date *	06/01/2017	Termination Date *	05/31/2018	Allow Modification	<input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> LSE

EDC PE (Large) ZONE APS Pricing Point GRAND POINT

Test Required Completed

Capacity

Peak Load Contribution (kW)	100	Winter Peak Load (kW)	N/A	Resource Type	Pre-Emergency ▼
Measurement Method	Firm Service Level ▼	Winter Managed Load (kW)	N/A	Product	Limited DR ▼
Summer Managed Load (kW)	500.000	Winter Weather Adj. Factor	N/A	RPM DR Resource	Select One ▼
Capacity Loss Factor	1.1	Winter Nominated ICAP (kW)	N/A	Lead Time	Quick_30 ▼
Summer Nominated ICAP (kW)	0	Annual Nominated ICAP (kW)	0		

FERC Order 719-A in Docket No. RM07-19-001 on July 16, 2009 and the Commission's "September 14 Order" in Docket No. ER09-701-000, -001 on September 14, 2009

- If EDC is large (>4 million MWh)
 - By default the Demand Resource may participate in Demand Response unless there is Relevant Electric Retail Regulatory Authority (RERRA) evidence that prohibits participation.
 - Registration will auto confirm if EDC takes no action after (10) business days

- If EDC is small (= $<$ 4 million MWh)
 - By default the Demand Resource *may not* participate in Demand Response unless there is Relevant Electric Retail Regulatory Authority (RERRA) evidence that allows participation.
 - Registration will auto deny if EDC takes no action after (10) business days

- Relevant Electric Retail Regulatory Authority (RERRA) evidence includes:
 - an order, resolution or ordinance of the RERRA prohibiting/permitting or conditioning end-use customer participation, or
 - an opinion of the RERRA’s legal counsel attesting to the existence of a regulation or law prohibiting/permitting or conditioning end-use customer participation, or
 - an opinion of the state Attorney General, on behalf of the RERRA, attesting to the existence of a regulation or law prohibiting/permitting or conditioning end-use customer participation

Large EDC needs RERRA evidence to prohibit/conditions participation
Small EDC needs RERRA evidence to permit/condition participation

- PJM does not interpret RERRA Evidence
 - EDC interprets RERRA evidence and coordinates with RERRA as necessary
- Post references to all RERRA Evidence received from an EDC on [pjm.com](http://pjm.com/~media/etools/dr-hub/opt-in-opt-out-rerra-evidence-for-dsr.ashx)
<http://pjm.com/~media/etools/dr-hub/opt-in-opt-out-rerra-evidence-for-dsr.ashx>
- DR Hub used by EDC to associate RERRA Evidence as needed to approve or deny the registration
- DR Hub auto-approves/auto-denies registrations based on size of EDC if no action on review has been taken in 10 business days