

## DR Registration Process and RERRA





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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

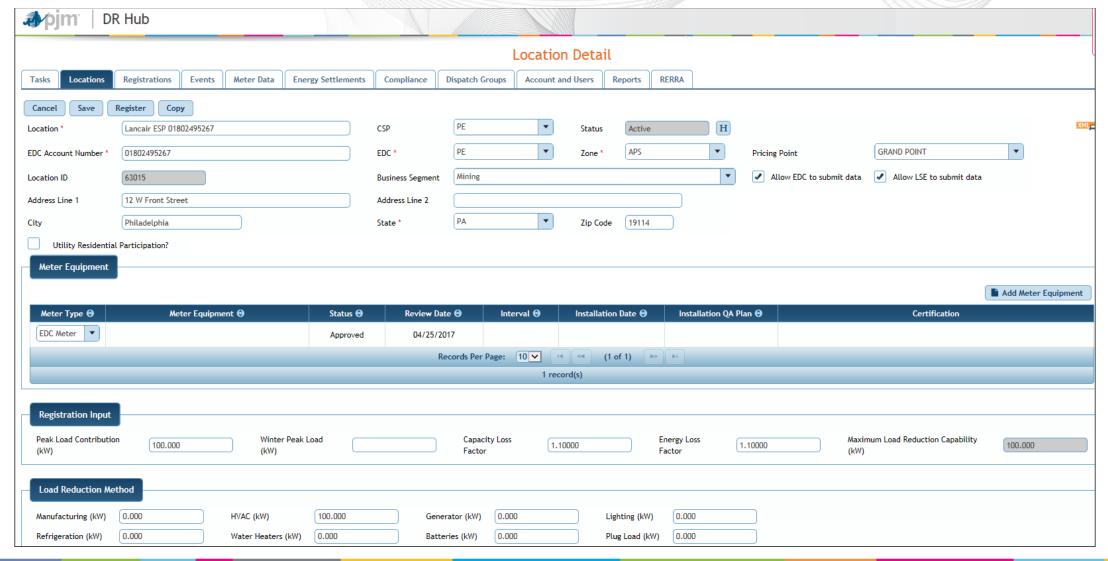


Applies to all locations on economic registration, excluding registrations only in the Regulation market

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

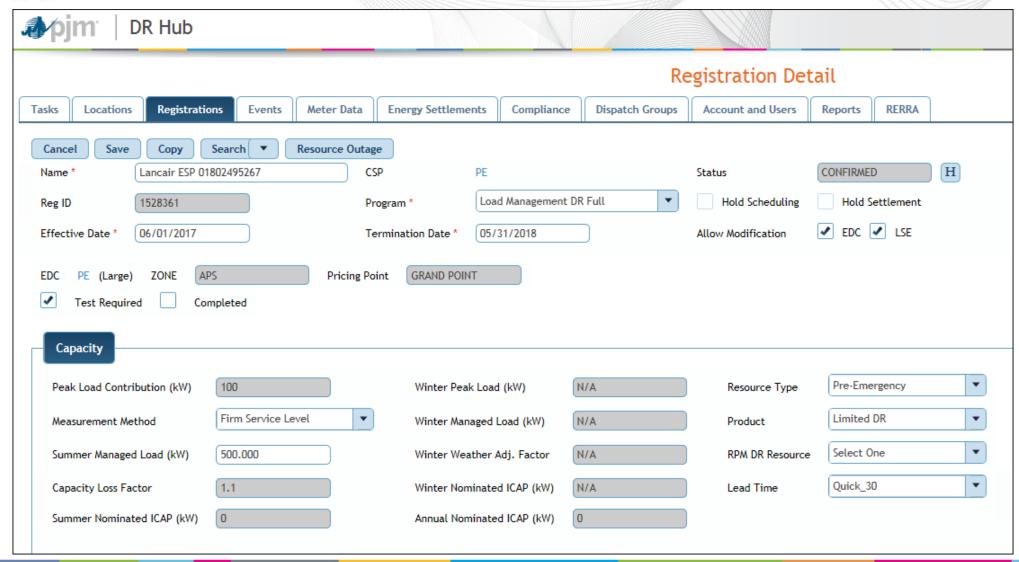


### DR Hub Location Screen





### DR Hub Registration Screen





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)</li>
  - 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 <a href="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</a>
- 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