DERA Registration Information

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DIRS

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Approach to Tariff language – "categories of DER data"

The DER Aggregator shall also submit information related to the following categories for each DER Aggregation Resource, as further described in the PJM Manuals:

i. information relating to registration and participation in PJM markets;

ii. information relating to local interconnection and retail program participation;

iii. information relating to physical and electrical location; and

iv. information relating to operational and physical characteristics.

> Finalized list of data needs will continue to be discussed though implementation and will be detailed in PJM Manuals.

Category	Data Requirements	Aggregator	EDC	PJM	LSE
Registration	Registration Start/End date	Submits	Views Data	Used for Market status	Views Data
Registration	Registration Status	Submits	Views Data	Used for Market status	Views Data
Registration	Market Participation (Capacity, Energy, Ancillary)	Submits	Used for reliability study review	Used for Market status	Views Data
Registration	DER type	Submits	Views Data	Used for Market calculcation/requirements	
Registration	DER technology	Submits		Used for Market calculcation/requirements	
Registration	Transmission Zone	Submits	Approve/Deny	Used for resource mapping	
Registration	EDC	Submits	Approve/Deny	Used for resource mapping	
Registration	EDC account information	Submits	Approve/Deny	Used to validate no Wholesale double counting (same resource participating in 2 aggregations)	
Registration	Site Address	Submits	Approve/Deny	Used to validate no Wholesale double counting (same resource participating in 2 aggregations)	
Registration	EDC Interval Meter (if applicable)	Submits	Approve/Deny		
Registration	RERRA Evidence	Submits	Approve/Deny	Used to determine market participation eligibility	
Registration	Retail Agreements	Submits	Reviews	Used to determine market participation eligibility and double counting	
Registration	Expected participation hours	Submits	allows EDC to know when resource is expected to be in the market		Views Data
Registration	EDC Interconnection ID- Approved EDC Inerconnection	Submits	Approve/Deny	Used to determine market participation eligibility	

Category	Data Requirements	Aggregator	EDC	PJM	LSE
Resource Set up	PJM Telemetry setup: Reference to telemetry code for SCADA link	Submits	review	approve/deny	
Resource Set up	Primary Location Poiint (pnode)	Submits	submits/updates - approve/deny	Used for resource mapping	
Resource Set up	Energy Pricing Point - pnode. One resource may be mapped to more than 1 pnode	review	submits/updates - approve/deny	Used for resource mapping	
Resource Set up	Max Load (kW) (Max hourly load over prior 12 months)	Submits	Views Data	Used for market participation capability	
Resource Set up	Max Injection (kW) (Max injection amount based on interconnection process)	Submits	Views Data	Used for market participation capability	
Resource Set up	Max Market Eligibility (Maximum amount that will be offered in the market)	Submits	Views Data	Used for market participation capability	
Resource Set up	Load Reduction Method (Indicate load reduction capability (kw) for each load reduction capability (HVAC, Refrigeration, Generation, Lighting, Industrial Process, etc.))		Views Data	Used for market participation capability	
Resource Set up	Generator Details (nameplate capacity, inverter type, installation date)	Submits	Views Data	Used for market participation capability	
Resource Set up	Peak Load Contribution (PLC) (Used to determine capacity nomination for DR related DER)	Submits	Views Data	Used for market participation capability	
Resource Set up	Loss Factor (if applicable)	Submits	Views Data	Used for market participation capability	

Category	Data Requirements	Aggregator	EDC	PJM	LSE
Planning Data	Maximum AC output (gross nameplate capability)	Submits	Approve/Deny	Review	
Planning Data	~~Interconnected distribution line identification~~	~~NA~~	~~Submits~~	~~PJM plans to track distribution location and work with Transmission Owner to update transmission model, as necessary (Quality Assurance).~~	
Planning Data	PJM Planning Model Bus ID that the DER aggregation is fed from*	NA	Submits	Used for tracking any distribut*on changes that need to be updated in PJM Models*	
Planning Data	Ride through capability enabled (Yes/No)	Submits	Approve/Deny	Used for PJM Planning reviews	
Planning Data	Voltage control enabled (Yes/No)	Submits	Approve/Deny	Used for PJM Planning reviews	

Category	Data Requirements	Aggregator	EDC	PJM	LSE
Utility Review	EDC reliability issue: EDC provides input to PJM if DER should not be allowed to participate because it will create a reliability issues for Distribution System		Submits	Uses this information for approving/denying registration	

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DER Aggregation Registration Data

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