



PJM Experience With Interconnecting Storage

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PJM's Experience With Interconnecting Storage

Since 2008 – 428.56 MWE of storage has entered the PJM interconnection queue

40 projects total – Battery and flywheel (primarily battery)

In-service	Under Construction	Suspended	Under Study	Withdrawn
35 MWE	28 MWE	32 MWE	134.46 MWE	199.10 MWE*

* None of these appear to be multiple interconnection requests for the same project

Projects have been from
<1 MWE to 64 MWE

- 92% of the projects submitted were 20 MW or less
- 35% of the projects submitted were less than 15 MWs

Seek to participate
primarily in PJM's
regulation market as
energy resource

Seek interconnection
at non-FERC
jurisdictional voltages

PJM processes storage
interconnections in
generally the same manner
as all other energy
resource generation
interconnection projects

- The majority are energy only
- Length of study process for storage projects same as for other similarly sized generating projects

In some cases,
storage is being added
to existing projects,
such as wind farms,
that are not building
out to the maximum
capability stated in
their interconnection
agreement