



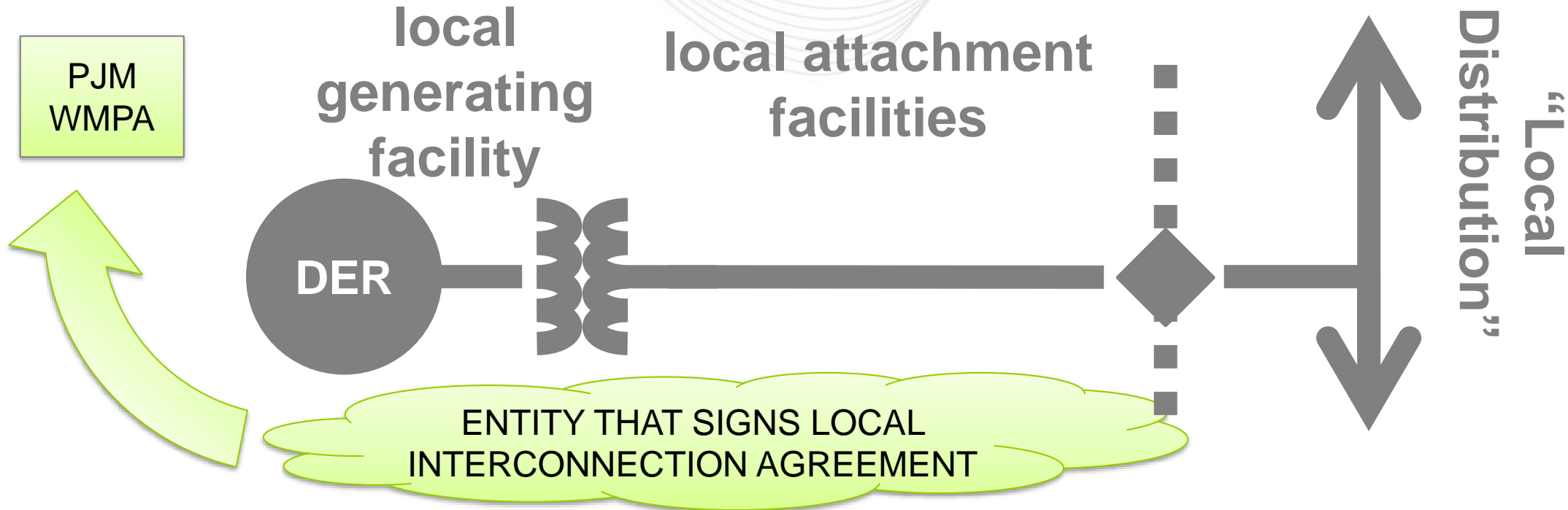
PJM Wholesale Market Participation Agreement

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DER Subcommittee

DER Seeking Distribution-Connected ISA in PJM



DER Seeking Wholesale Market Part'n Agreement in PJM

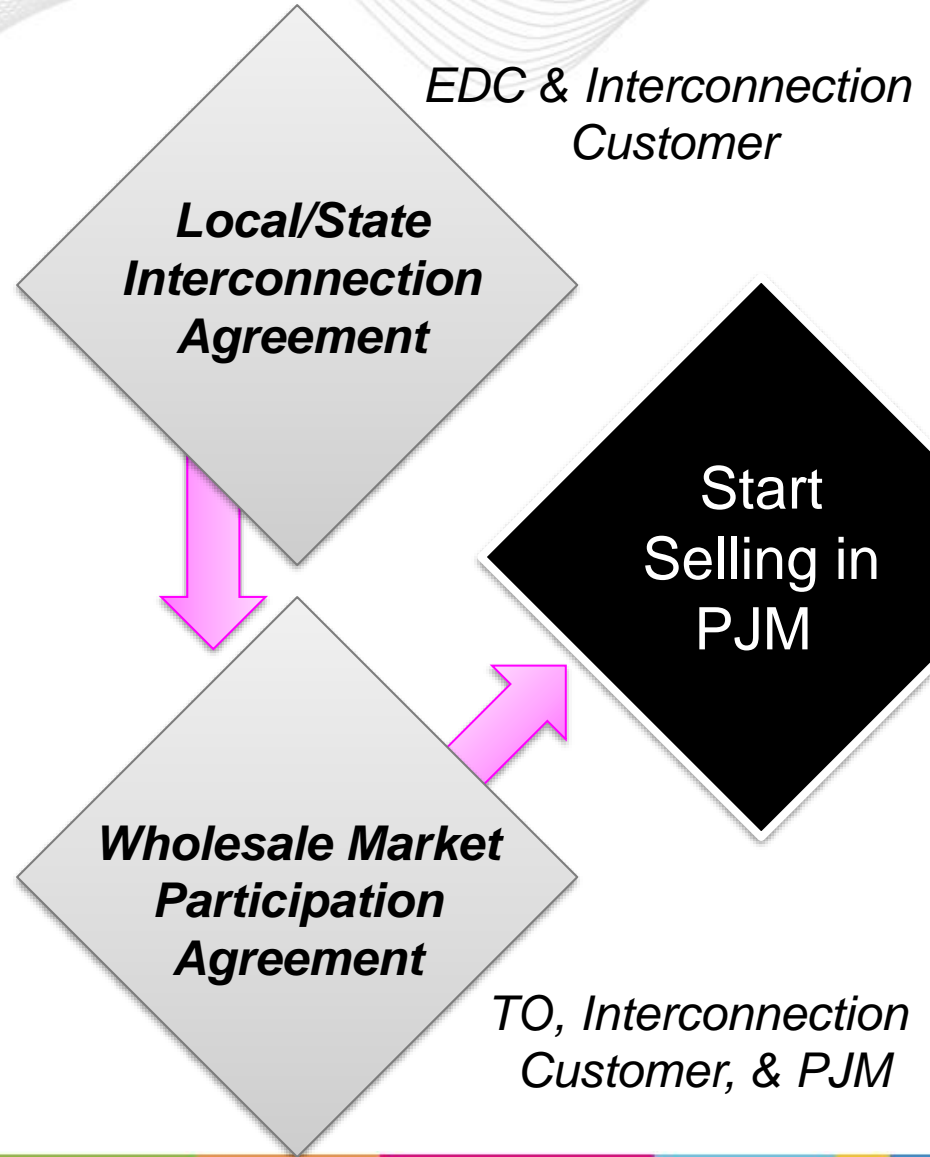


Local/State Interconnection Process

- Terms and conditions of interconnection
- Physical interconnection requirements (reactive, ride thru, droop, SCADA)
 - Distribution impacts
 - Attachment facility

PJM New Services Queue Process

- Transmission impacts
- Market-related requirements & hardware (incl. telemetry)



- Rejected ISA between PJM, GSG, LLC, and ComEd.
- No FERC jurisdiction over physical interconnection to local distribution facility when no prior wholesale sale (Order No. 2003).
- Reached a jurisdictional conclusion, but did not explicitly require PJM to submit WMPAs going forward.

- *“A contractual means to address these [distribution-level market participation] requests and provide to all affected parties a process to enable PJM to properly track and study this category of generator interconnection”*
- *“Serves to establish important revenue and (if necessary) operational metering requirements in order to give PJM visibility to pay the generator for output and for potential operational security requirements.”*
- *“In rare instances, a non-jurisdictional interconnection could impact the integrated transmission system. The WMPA process allows PJM to ensure that this contingency is studied and corrected, if necessary.”*
- *“Facilitating the wholesale sale and not the interconnection” ...“and to support the state interconnection processes as well.”*
- *“...a vehicle for PJM to examine the potential reliability impacts the interconnection may have on the grid.”*
- *“...ensure sufficient visibility, and where necessary, control over generation that is participating as a Market Seller under the PJM Operating Agreement.”*

- Queue customer designating a third-party representative for the New Services Queue.
- Queue customer designating a third-party PJM member to be the Market Seller in PJM markets.