PJM Wholesale Market Participation Agreement

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DER Subcommittee
DER Seeking Distribution-Connected ISA in PJM

“Customer Facility”

“Customer Interconnection Facilities”

SAME ENTITY OWNS AND/OR OPERATES

“POI”

dual use distribution facilities
DER Seeking Wholesale Market Part’n Agreement in PJM

PJM
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DER

local generating facility

local attachment facilities

ENTITY THAT SIGNS LOCAL INTERCONNECTION AGREEMENT

PJM WMPA

“Local Distribution”
PJM Queue Process for Local-jurisdictional Interconnections

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)

EDC & Interconnection Customer

Start Selling in PJM

Local/State Interconnection Agreement

Wholesale Market Participation Agreement

TO, Interconnection Customer, & PJM
• 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.
Purpose of the WMPA: WMPA transmittal letter excerpts

• “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.”
Future Topics

- 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.