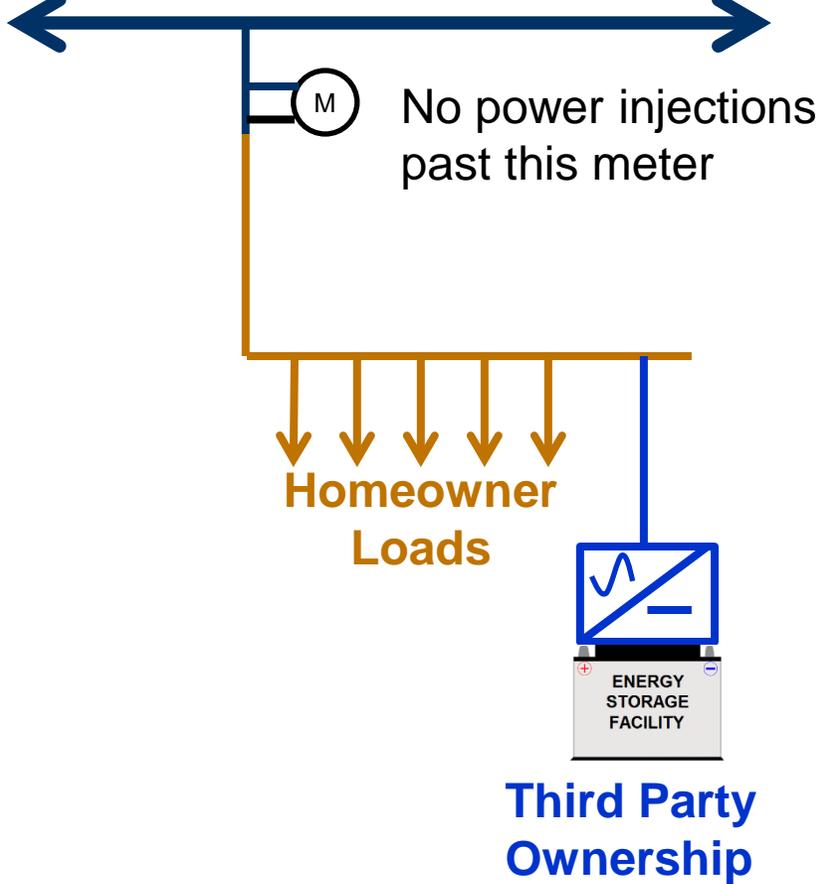


# Distributed Energy Resource (DER) Scenarios

David Egan  
Manager, Interconnection Projects  
Markets and Reliability Committee  
April 18, 2016

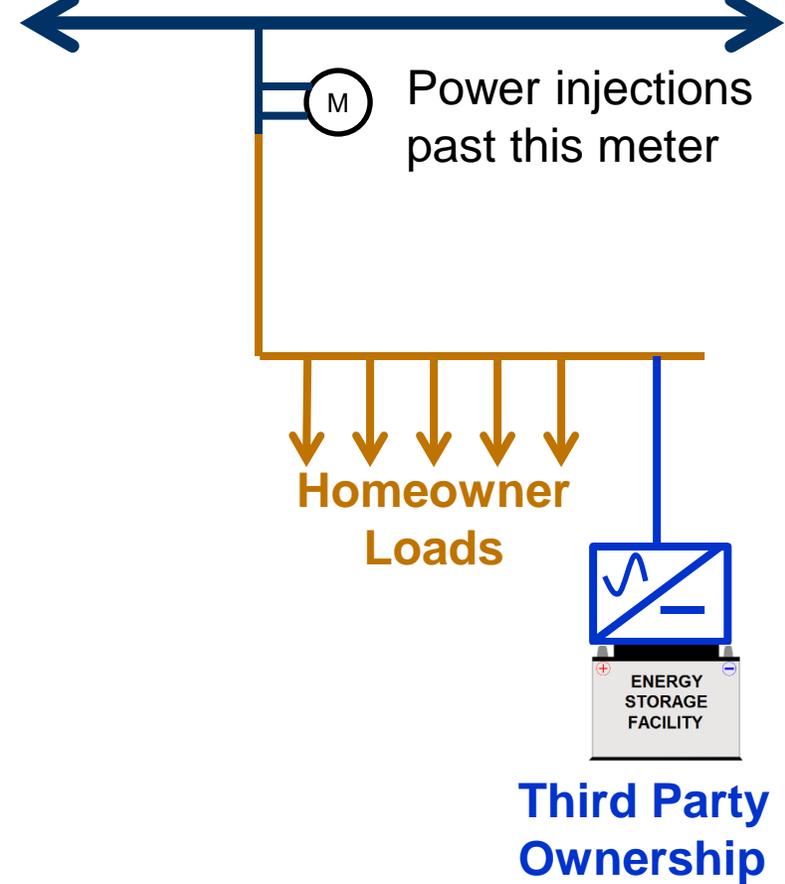
**Allowed**

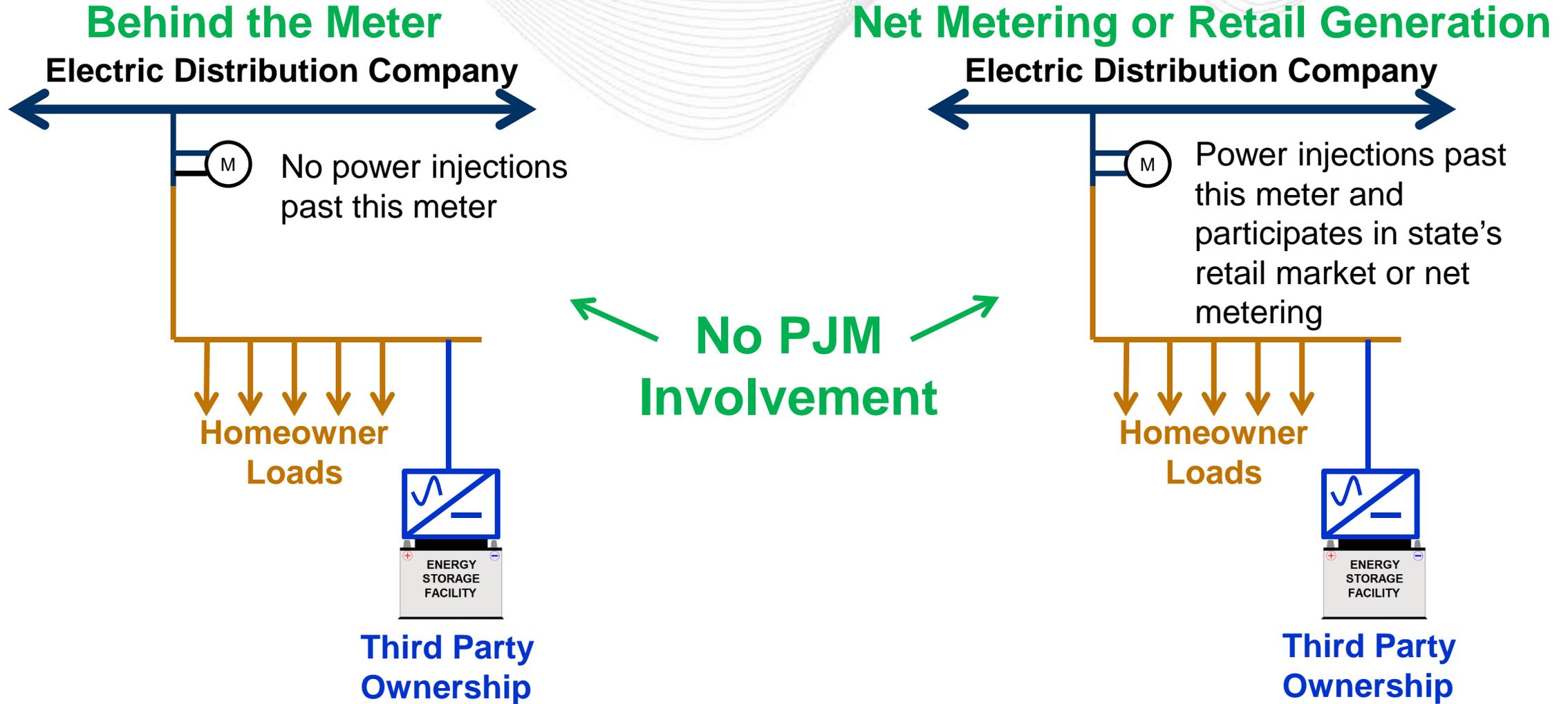
**Electric Distribution Company**



**Not Allowed**

**Electric Distribution Company**

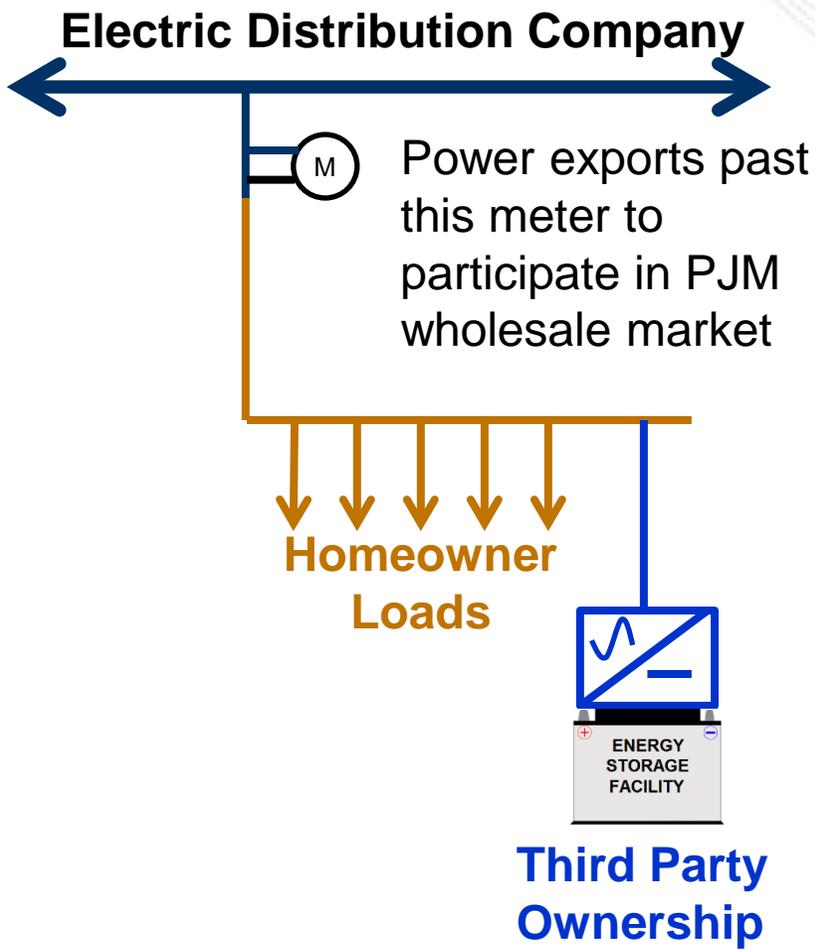






# PJM Interconnection Request for Regulation or Generation

**❌ Not Allowed**



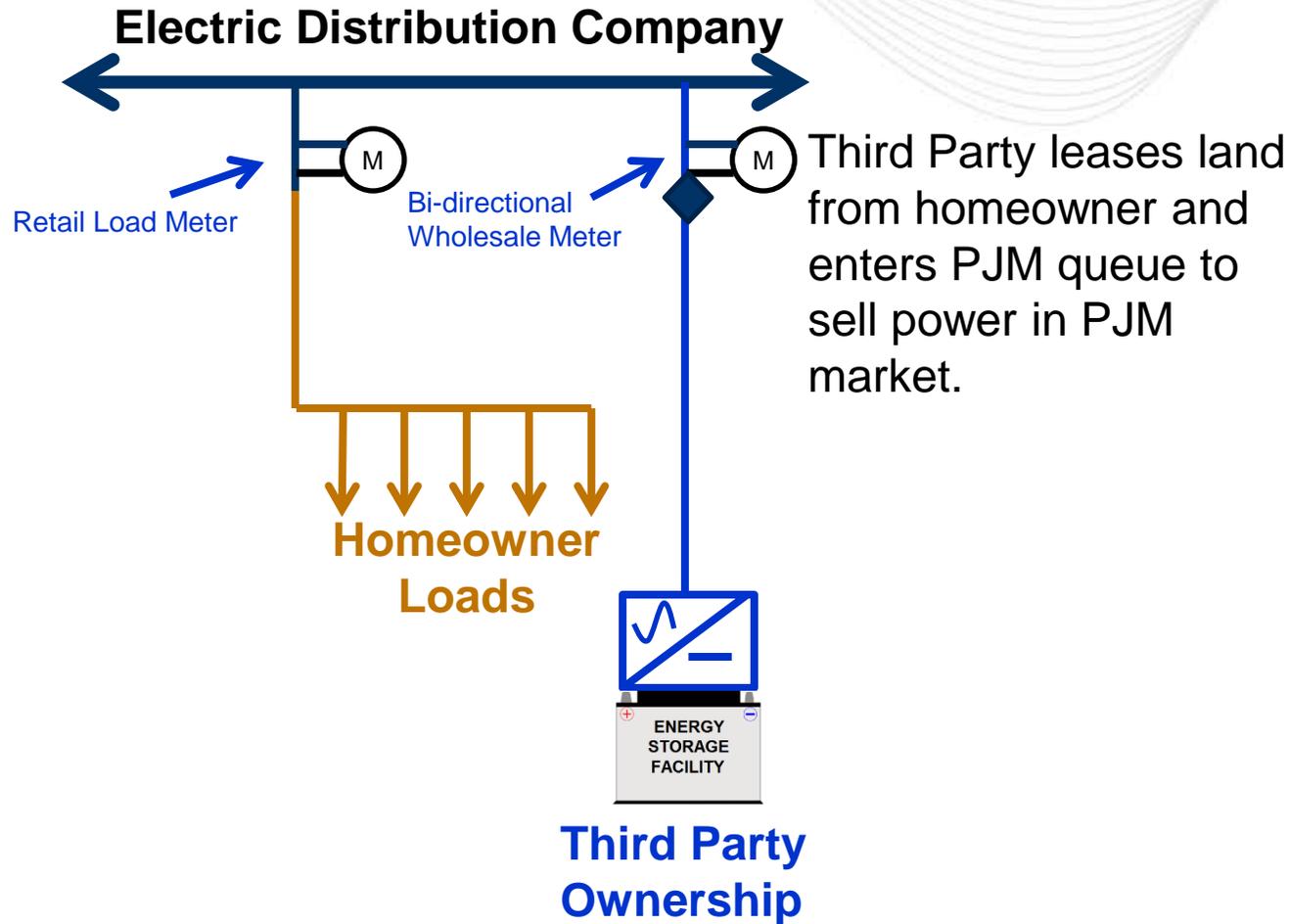
**PJM Interconnection Request Required**



**Arrangement not allowed when Interconnection Request is made by Third Party because Third Party is using homeowner's facilities and Point of Interconnection to get power to PJM system. PJM has no relationship with the homeowner.**

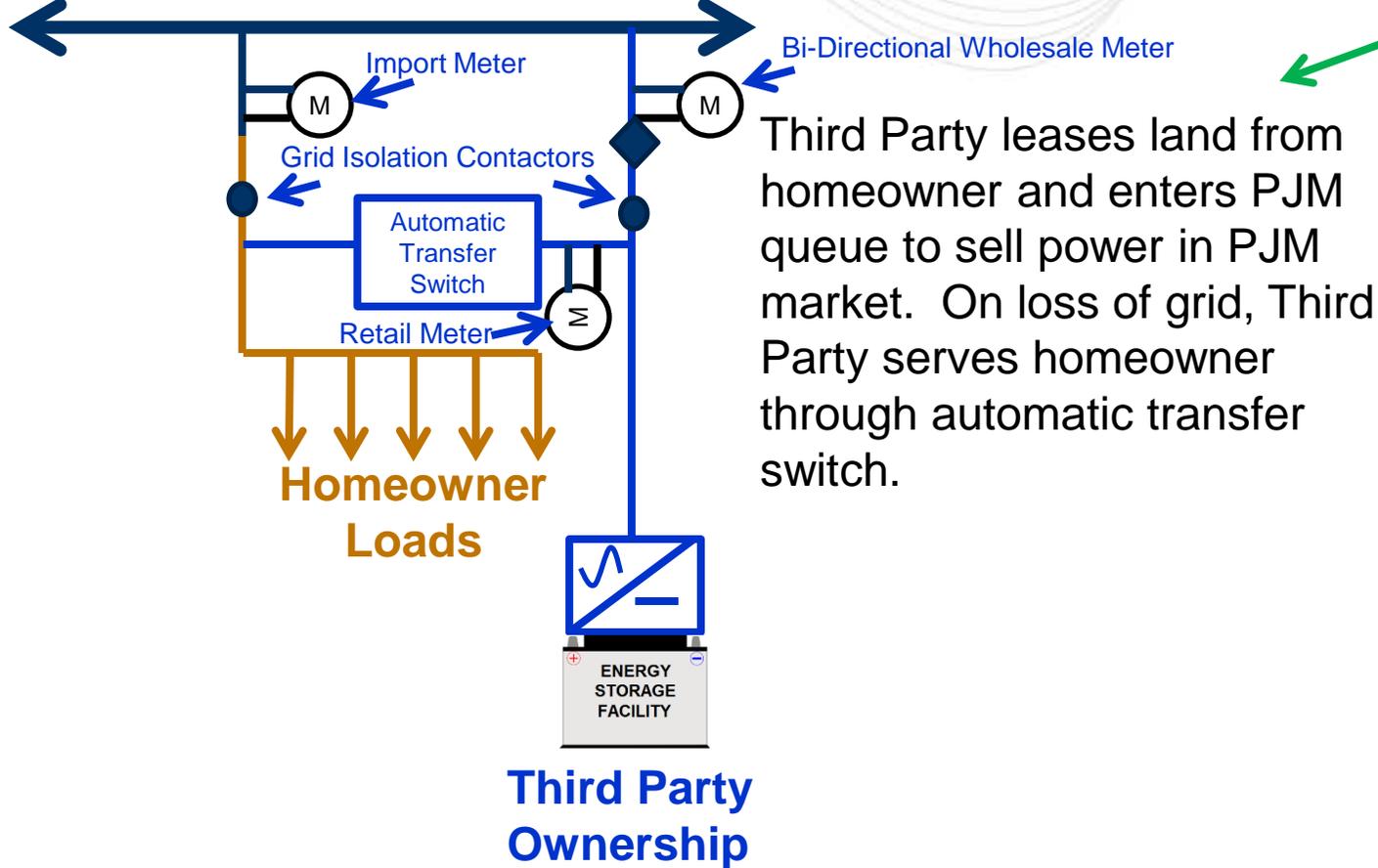
**✓ Allowed**

**PJM Interconnection Request Required**



**May be allowed**

**Electric Distribution Company**



**PJM Interconnection Request Required**

Third Party leases land from homeowner and enters PJM queue to sell power in PJM market. On loss of grid, Third Party serves homeowner through automatic transfer switch.



# PJM Tariff Interconnection Options

- To participate in front of the meter in the wholesale market, a PJM Interconnection Request is required.
- For PJM Tariff interconnection procedures to apply, request must be on FERC jurisdictional facilities or be made by a FERC Qualifying Facility (QF).
  - If state jurisdictional: Wholesale Market Participation Agreement
  - If FERC jurisdictional: Interconnection Service Agreement
- Forms of Interconnection Requests for inverter-based DER generation:

PJM Tariff Attachment	Applicable PJM Tariff Section	Applicable to	Deposit Costs	Tariff Duration from queue window close to ISA Assumes Qualifications Met
BB	112B	≤ 10 kW inverter-based	\$500	23 days
Y	112A	>10 kW & ≤ 5 MW inverter-based	\$2k/3k/5k	1-3 months
N	110 (Capacity) or 111 (energy)	> 5 MW & ≤ 20 MW inverter-based – any Capacity Request	\$10k/12k/15k	4-12 months* * PJM will seek to expedite study process