Connected Microgrid

- Generator functions as a PJM resource
- Microgrid load pays LMP
Islanded Microgrid

- Generator cannot access PJM and can only serve local load
- Distribution network supplied by local generator, cannot access PJM
LMP and Load Settlements

- LMP on PJM is irrelevant for the microgrid
- Load and generation are settled locally within the microgrid
- No longer wholesale power when islanded

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Generation Specifics when Islanded

• Status – Unit is not available, on outage
• Ancillary Services – Unit is deassigned and will face any penalties associated with deassignment
• PAI – Unit is not available, generation MWh not counted towards Wholesale Capacity Requirement as it is no longer able to supply power to the wholesale grid