

DER Subcommittee: Update

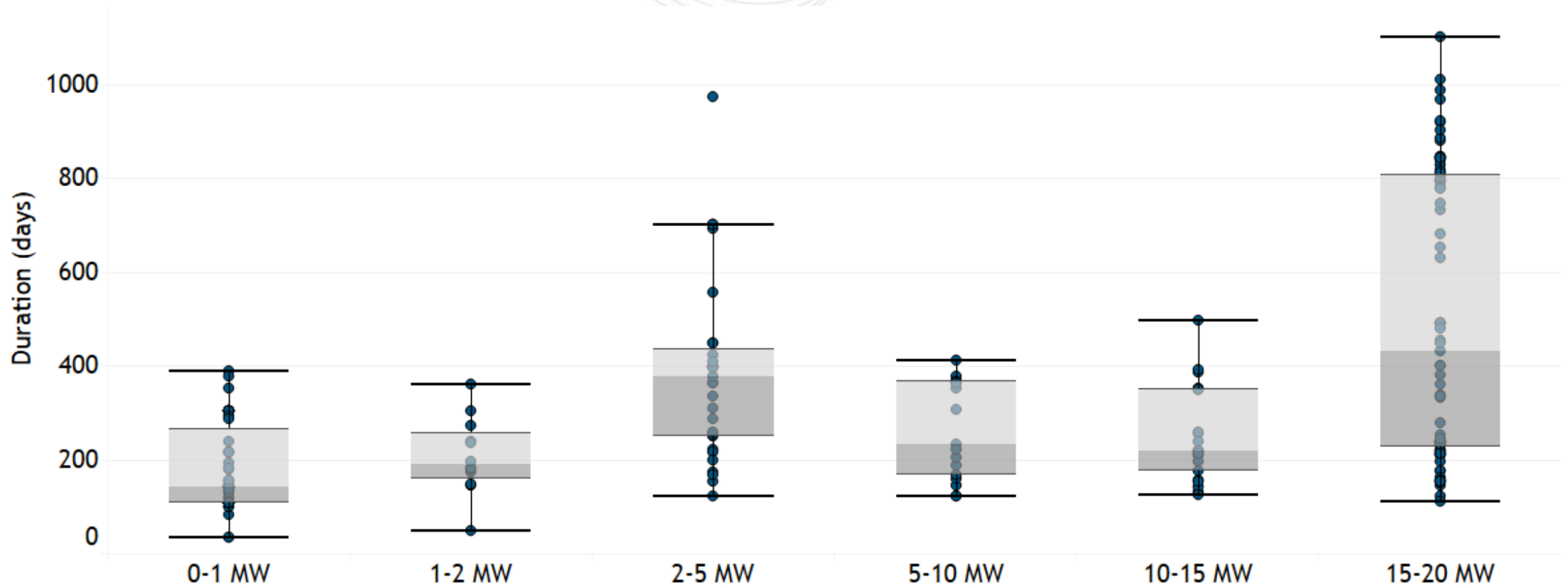
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Intermittent Resources Subcommittee
June 19, 2019

- Main focus: Reducing the cost and duration associated with small, non-FERC jurisdictional projects that enter the PJM New Services Queue.
- Draft solutions being discussed ([solutions matrix](#)):
 - Where applicable, customers can use a state process to obtain their IA; PJM processes the WMPA after checking for transmission impacts (e.g. MISO process)
 - Expedited process for determining impacts (i.e. screens)
 - Applicable to ≤ 5 MW, Energy-Only projects

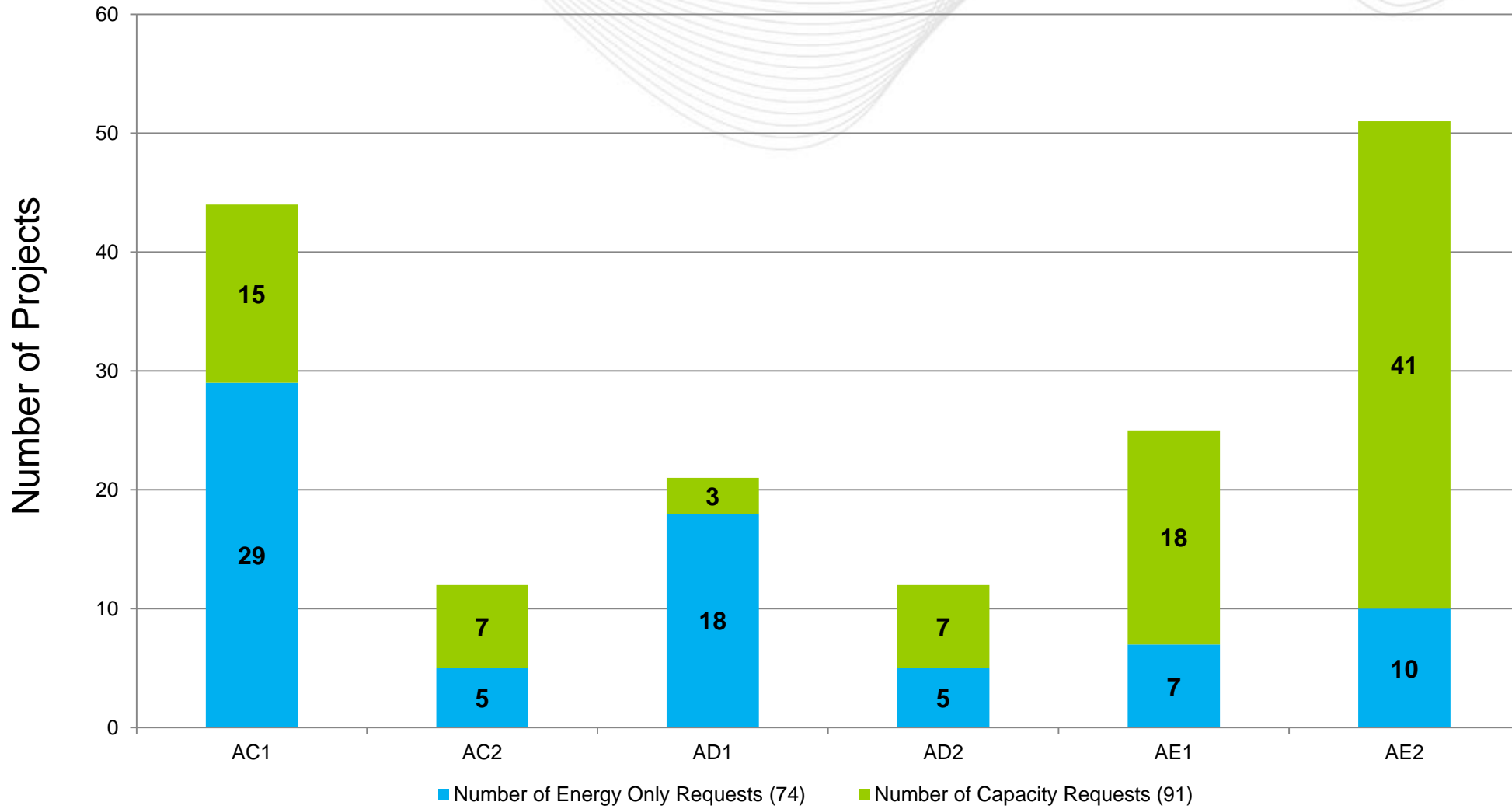
Duration by Project MFO

Complete Process

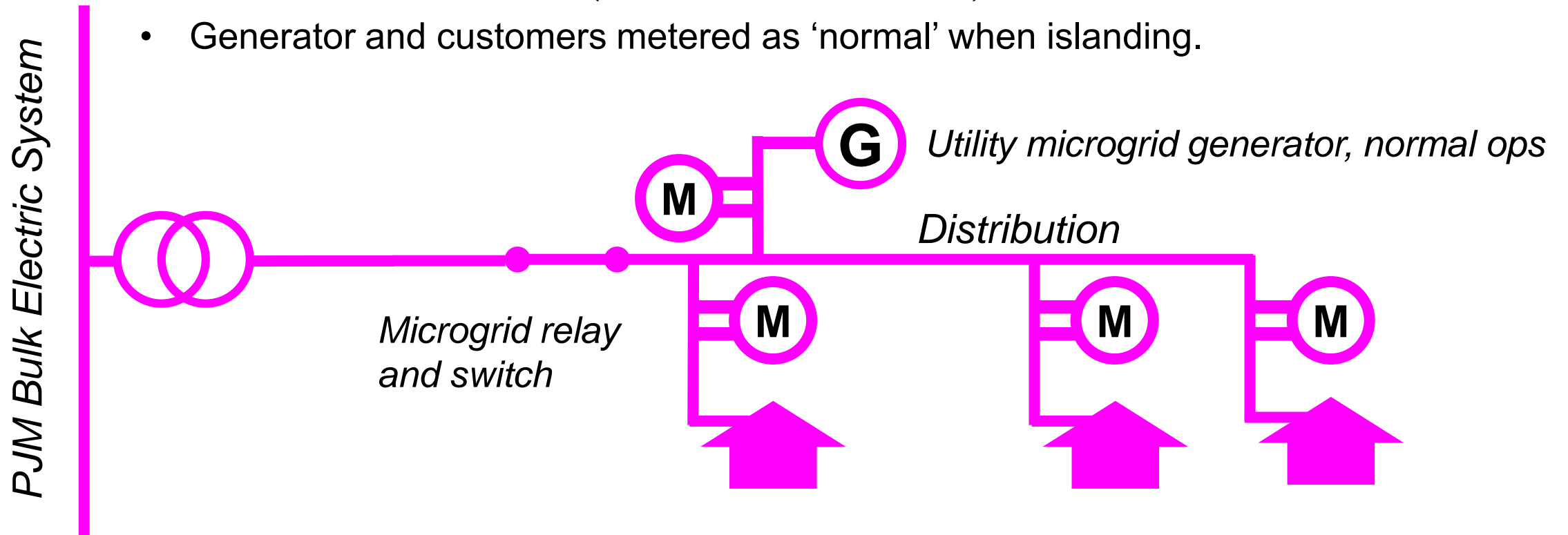


Source: <https://www.pjm.com/-/media/committees-groups/subcommittees/ders/20181004/20181004-item-06-der-interconnection-data-request.ashx>

Requests \leq 5 MW Entering the Queue the past 3 years

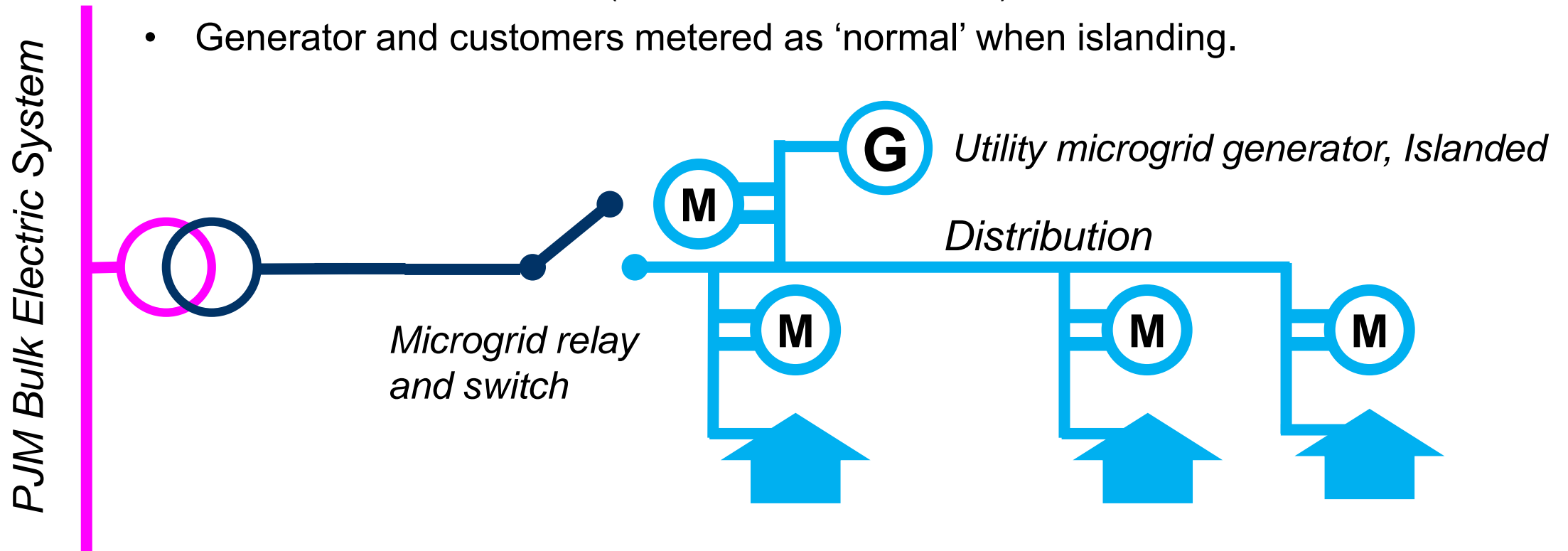


- A ‘utility microgrid’ uses utility-owned wires to serve load during islanding.
- ‘Utility microgrid generation’ is a PJM wholesale generator that also has the ability to directly serve load as part of a microgrid when islanded.
- Not a PJM-defined term (not in Tariff or Manuals)
- Generator and customers metered as ‘normal’ when islanding.



Utility Microgrids: Island Mode

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Issues Being Discussed (Solutions Matrix)

- Energy settlements when islanded (settled thru PJM or not?)
- Ancillary Services eligibility
- Telemetry (microgrid relay/switching, who provides?)
- CP Resource (RPM offers, outages, performance assessment)
- Terms for islanded operations (e.g. no economic islanding)

