

# Public Distribution Microgrids

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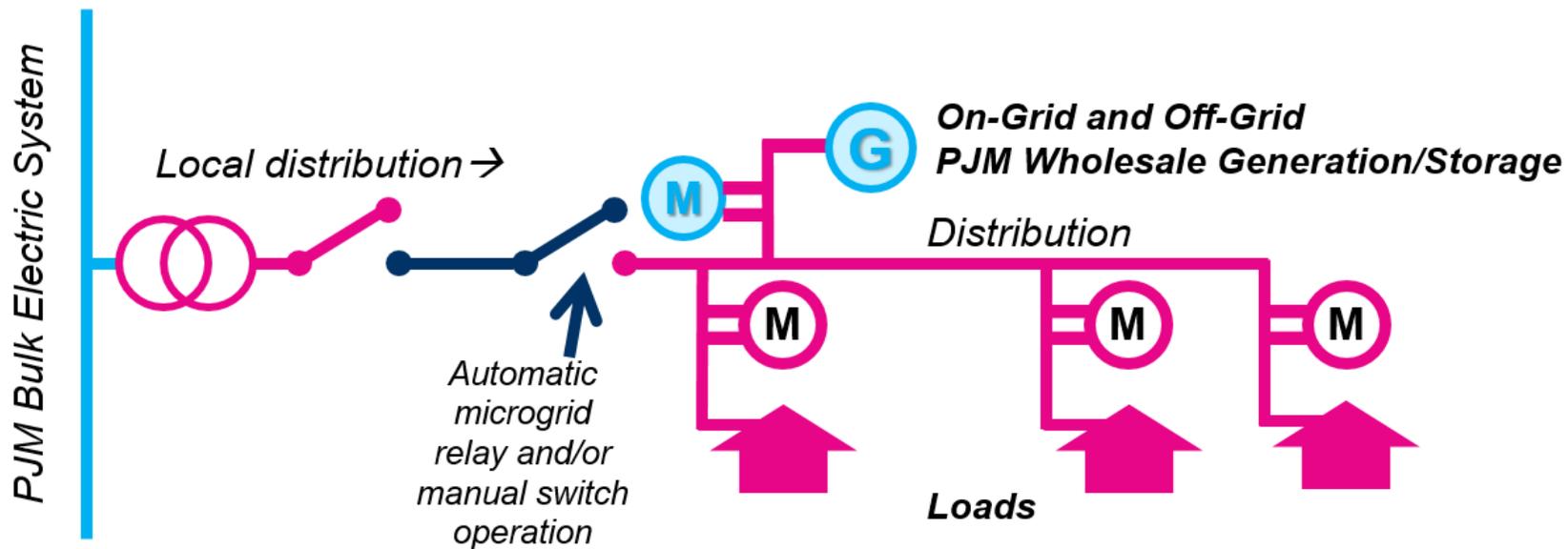
Operating Committee

November 6, 2020

- Single package on Public Distribution Microgrid Business Rules through DER & Inverter-Based Resources Subcommittee

Stakeholder Body	NOV	DEC	JAN
<b>DIRS</b>	11/02 – review draft language		
<b>SOS</b>	11/02 – review draft language		
<b>OC</b>	11/06 – first read	12/03 – endorsement	
<b>MIC</b>	11/05 – first read	12/02 – endorsement	
<b>MRC</b>		12/17 – first read	(date TBD) – endorsement

- A **microgrid** is a system of generation + load that can run on-grid or off-grid.
- A Public Distribution Microgrid is **operated by the distribution utility** and uses **public utility distribution wires** to serve load during islanding.
- A Public Distribution Microgrid Generator is a **PJM wholesale generator** capable of operating while connected to or islanded from the broader grid.
- The Electric Distribution Company determines if the Public Distribution Microgrid is **wholesale or retail when islanded**.



For OC Endorsement

## Manual Language

## Components

**M-14D**, Appendix B: Public Distribution Microgrid Business Rules

- Definitions
- Provisions for operations in island mode
  - Telemetry requirements
  - Notification requirements
  - Outage reporting

**M-14D**, Appendix C: Voluntary Guideline on Public Distribution Microgrid Operations

- Reasons islanding should and should not occur

**M-11**, Section 2.3.3.5

- Provisions for reflecting islanded condition in resource availability for Energy and Ancillary Services

**M-18**, Section 8.4A

- Clarification for PAI treatment of PDM Generators that are Generation Capacity Resources

Detailed proposal presentation from DER & Inverter-Based Resources Subcommittee: <https://www.pjm.com/-/media/committees-groups/subcommittees/dirs/2020/20200803/20200803-item-10-public-distribution-microgrids-pjm-proposal-overview.ashx>

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## Public Distribution Microgrids



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