

Non-wholesale DER (BtMG) Observability

MRC
8/23/18

- System Operations
 - Lack of operational awareness for next decision
 - Possible missed opportunities to reduce impact of prolonged manual load dump or local load shed
 - Potential to increase short term load forecast errors
- Planning
 - Potential to increase long term load forecast errors
- Challenge to manage existing NRBtMG and BtMG requirements



	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18
DERS proposal development									
OC review									
SOS-T review									
TOA-AC review									
MRC endorsement									

Collaborative process to balance stakeholder interests (level of effort, value, confidentiality)

- PJM will identify non-wholesale DER/BtMG (>1MW) on annual basis
 - Primarily use EIA860 public data
- TO verifies/adds information so resources can be modelled for PCLLRW tool
 - PJM Transmission Substation, Voltage, Equipment Name
 - TO may provide additional information to PJM if available and able to release to PJM without confidentiality issues
- Communication to non-wholesale DER/BtMG during grid emergency
 - TO may communicate downstream as needed to non-wholesale DER/BtMG through EDC or muni/coop as necessary
 - Non-wholesale DER/BtMG modelled in PJM PCLLRW tool
 - Local issue – identify resources and their expected impact (helps/hurts)
 - Wider issue – list of resources in zone

88% support (out of 112) from DERS for proposed changes

Total Unique Responders	17
Total Companies	112
Voting Members	36
Affiliates	76

	Yes	No	Abstain	#	%
Question: Do you support the non-wholesale/BtMG visibility proposal and the corresponding draft manual language?	99	13	0	112	88.39%

	Make a change	Retain status quo	#	% make a change	% retain status quo
Do you prefer to make a change or retain the status quo?	46	66	112	41.07%	58.93%