

MW and Voltage Threshold for SCADA Requirement			Must match legacy SCADA^	SCADA Points												Other or Notes
Distribution	Transmission			Gen* CB Control	PQ data **	CB Status	Volts	TT	Amps	MW	MVAR	Harmonics	Freq.	V Flicker	Sag & Swell	
PJM	All Capacity, Energy >10 MW	All Capacity, Energy >10 MW	No	No	No	No	No	No	No	Yes	Yes	No		No	No	
AE	3MW & above	3MW & above	No	No	No	Yes	Yes	No	Yes	Yes	Yes	No	Y>10mw	No	No	
AP	case by case basis	All require full SCADA & RTU*	Yes	No	Yes	Yes	Yes (3ph)		Yes (3ph)	Yes	Yes	Y-32 orders		Yes	Yes	
AEP	generally > 2MW	All	No	No	Yes	Yes	No	No	No	Yes	Yes	No	No	No	No	
BG&E	All	All	No	Yes - trip only	Yes	Yes	NO	Yes	No	Yes	Yes	No	No	No	No	BG&E Installed SCADA (not real time) system required
ComEd	2.5MW & up if TT is req'd or 10MW & up	All	Yes		Yes****	Yes	Yes	Yes		Yes	Yes					
Dayton	As determined by Dayton	As determined by Dayton	?	Yes	No	Yes	No	?	No	Yes	Yes	No	No	No	No	auto gen control status - on / off, AGC high / low limit
Delmarva	3MW & above	3MW & above	No	No	No	Yes	Yes	No	Yes	Yes	Yes	No	No	No	No	
Dominion	If Local Light load to Gen MWs ratio < 5	If Local Light load to Gen MWs ratio < 5		Yes - Trip only		Yes		Yes	Yes	Yes	Yes					
Duquesne	Case by case, all 5 MW & above	1 MW & abobe				Yes	Yes		Yes	Yes	Yes					
FE	case by case basis	All	No	Yes - trip only	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	Transmission typically 23 kV & above systems
ODEC	2 MW & above	2 MW & above	No	No	No	Yes	No	Yes	No	Yes	Yes	No	No	No	No	
O&R	1 MW & above	All	No	No	No	Yes	No	No	No	Yes	Yes	No	Yes	No	No	
PECO	5 MW & above	5 MW & above					Yes		Yes	Yes	Yes					
PEPCO	All - case by case exceptions	All - case by case exceptions	Yes	Yes - Trip only	Yes	Yes	Yes	No	Yes	Yes	Yes	No	No	No	No	
PPL	2.5 MW & above	All - 69 kV & above	Yes	Yes - Trip only	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	No	Dedicated Full time SCADA
PSEG	case by case basis	All	Yes	Yes												Smaller MW sizes may require low cost SCADA
UGI	2 MW & above	All - 66 kV & above	Yes	Yes - Trip only	No	Yes	Yes (3ph)	No	Yes (3ph)	Yes	Yes	No	No	No	No	

- ^ Yes means that alternative SCADA systems are not acceptable.
- * May be generator CBs (interrupting devices) and/or main CB (interrupting device)
- ** Also requires installation of Power Quality monitoring device
- **** Special cases only

Not at 9/13/05 Meeting

add columns KWH & KVARH