

Comparing RTO programs for DER

Andrew Levitt

Senior Market Strategist – Emerging Markets

Special MRC Meeting – DER

June 17, 2016



RTO Programs for DER Market Access

**IN
PROGRESS**

DR = "Demand Response". PRD = Price Responsive Demand.

	PJM DR/PRD	CAISO DERP	NEISO DR
Injections	-	Y	Y
Aggregation	Y	Y	Y
~Cost of submeter, SCADA and comms	Low	Moderate	Low. No submetering.
Minimum size	100 kW	500 kW	100 kW
Storage: wholesale/retail multiuse	Y	-	Y
Interconnect	State	FERC/ State*	FERC/ State*
Wholesale markets	All	All but resource adequacy	2018: All
TO, EDC or LSE involvement in registration	Prescribed process	Significant decisionmaker	None
Deployment % peak	5%	0%	1-2%

* FERC if injections with wholesale sales, except (in general) State for distribution lines with no prior RTO wholesale sales