

Benefit	Equipment						Recipient of Benefit														Energy Efficiency		Reliability			Utility					
	Dumb Meter	Billing Meter System	Operational Metering System	Disconnect Switch	Demand Response	Home Area Network	Distribution	Transmission Owner	ISO/RTO/TSO	Conventional Generation	Renewable Generation	Billing and Customer Service	Energy Retailer	Trading	Regulator	Government	Residential Customer	Commercial Customer	Industrial Customer	Environment	Emergency Services	Third Party Service Providers	Energy Efficiency	Reliability	Electric	Gas	Water				
Metering																															
Meter reading	x	x	x				x					x	x																Y	Y	Y
Non-technical losses		x	x				x			x		x	x				x	x	x	x									Y	N	N
Net metering	x	x	x					x	x		x	x	x	x			x	x	x	x			x						Y	N	N
Real-time customer information		e	e			x						x				x	x	x				x	x					Y	Y	Y	
Operations																															
Connectivity Validation			x				x																						Y	N	N
Closing Verification			x				x																		x			Y	*	*	
Geo-location			x				x																					Y	Y	Y	
Power Quality monitoring			x				x	x	x								x	x	x					x				Y	N	N	
Asset load monitoring			x				x	x																	x			Y	Y	Y	
Phase balancing			x				x		x								x	x	x					x	x			Y	N	N	
Load balancing			x				x	x	x															x	x			Y	Y	Y	
Work Dispatch improvement			x				x																x					Y	Y	Y	
Order completion automation			x				x																					Y	Y	Y	
Site/line status			x				x																x					Y	*	*	
Automation of emergency response			e	x			x									x						x						Y	Y	Y	
Call Center unloading			x				x					x	x															Y	*	*	
Restoration Verification			x				x																	x				Y	*	*	
Vegetation management		x	x				x																	x	x			Y	N	N	
Distribution SCADA			x				x	x																x	x			Y	Y	Y	
System security			x				x	x								x							x					Y	Y	Y	
System protection				x	x	x	x	x	x	x	x																	x	Y	Y	Y
Selective load management					x	x	x	x	x	x				x														x	Y	*	N
Outage notification			x				x					x						x	x	x								x	Y	Y	Y
IEEE Outage indices		x	x				x								x													Y	N	N	
Islanding verification for DG			x				x				x																	x	Y	N	N

