Life Is On Schneider Electric

THREE PHASE UPS MODERNIZATION OPEX CALCULATOR

Inputs

UPS Descriptions

	Existing	Replacement
UPS Range	EPS	Galaxy
UPS Family	7000 (600V)	VM (208V)
UPS Model	300kVA / 270kW	180kVA / 162kW
Load (kW)	81 kW	

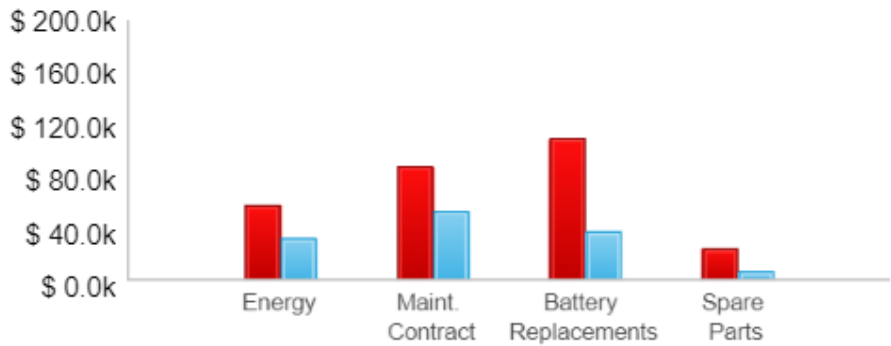
Electricity Cost & Cost of Capital

Electricity Cost per kWh	$ (USD)	0.1
Cost of Capital	5%	

Maintenance

	Existing	Replacement
Annual Contract Cost	$ 10000	$ 7000
Year Contract Begins	n/a	Year 2
Battery Replacement Cost	$ 48000	$ 25000
Battery Replacement Interval	4 years	4 years
Next Battery Replacement	Year 2	n/a
Spare Part Replacement	$ 16000	$ 9000
Spare Parts Interval	6 years	6 years
Next Parts Replacement	Year 3	n/a

Results

Cumulative Cost (NPV)

10-Year Opex Breakdown ($)