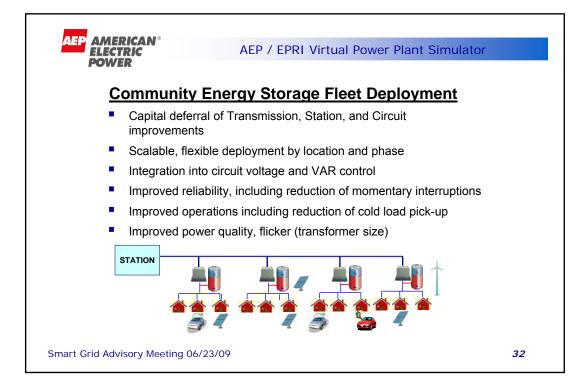
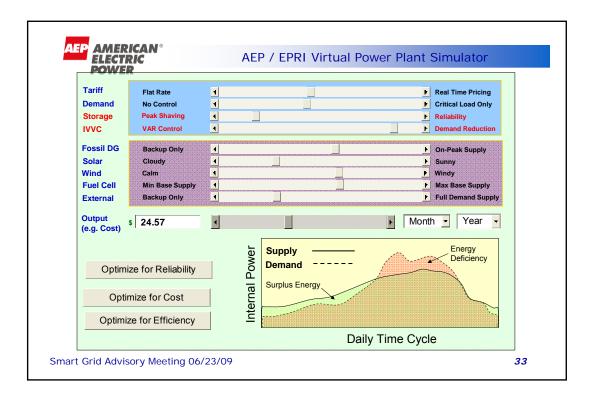


Community Energy Key Parameters	gy Storage Unit Specifications	1
Power	25 kW	-
Energy	50 kWh	N N
Voltage	240 / 120V	
Round Trip AC Efficiency	> 85%	Community Energy
Life	> 3000 cycles, 15 years	Storage
Audible Noise	< 48dBA (no fans or filters)	
Size	Comparable to a Pad-mount transformer	





	ELECTRIC AEP / EP					
ID	Task Name	2009 Q1 Q2 Q3 Q4	2010 Q1 Q2 Q3 Q4	2011 Q1 Q2 Q3 Q4	2012 Q1 Q2 Q3 Q4 G	2013)1 Q2
1	ID data requirements for model; Collect data and input into Virtual Power Plant (VPP) simulator					
2	Measure and record system performance					
3	Run simulations without new technologies (base case); Step by step include new technologies and system controls in simulation					
4	Compare measurements against simulations, Refine system and component models					
5	Continue additional modeling - modify model and simulations Assess impacts of new technologies and controls					
6	Issue Report. Include Measurements and system performance					