Calculated Cost Breakdown $/kWh Parameters for a U.S. Li-ion Standalone Storage System for Different Durations

			Duration	8	8	8	2	1	1	1
			Capacity	1,200	7,600	7,700	600	2,100	800	300
	$/kWh Parameters									
Model Component	**Intercept**	**Slope**	**R squared**	**$/kWh**	**$/kWh**	**$/kWh**	**$/kWh**	**$/kWh**	**$/kWh**	**$/kWh**
Li-ion battery	Fixed $/kWh			209	209	209	209	209	209	209
Battery central inverter	0.30348	69.8087	100%	9.0	9.0	9.0	35.2	70.1	70.1	70.1
Structural BOS	10.6957	8.5913	99.95%	11.8	11.8	11.8	15.0	19.3	19.3	19.3
Electrical BOS	20.6957	60.5913	100%	28.3	28.3	28.3	51.0	81.3	81.3	81.3
Installation labor & equipment	9.69565	52.5913	100%	16.3	16.3	16.3	36.0	62.3	62.3	62.3
EPC overhead	7.21739	18.4348	99.94%	9.5	9.5	9.5	16.4	25.7	25.7	25.7
Sales tax	18.3913	14.7826	99.80%	20.2	20.2	20.2	25.8	33.2	33.2	33.2
∑ EPC cost				**304**	**304**	**304**	**388**	**501**	**501**	**501**
Land acquisition	Fixed total cost		250,000	0.026	0.004	0.004	0.208	0.119	0.313	0.833
Permitting fee	Fixed total cost		295,289	0.031	0.005	0.005	0.246	0.141	0.369	0.984
Interconnection fee	Fixed total cost		1,802,363	0.188	0.030	0.029	1.502	0.858	2.253	6.008
Contingency	8	8	100.00%	9.0	9.0	9.0	12.0	16.0	16.0	16.0
Developer overhead	8	8	100.00%	9.0	9.0	9.0	12.0	16.0	16.0	16.0
EPC/developer net profit	14.6957	14.1913	99.97%	16.5	16.5	16.5	21.8	28.9	28.9	28.9
∑ Developer cost				**35**	**35**	**35**	**48**	**62**	**64**	**69**
∑ Total energy storage system cost				**339**	**339**	**339**	**436**	**563**	**565**	**570**