

Combined Energy Storage Capacity and Cost With Storage 54% Limitation

2040 56,071 MW Capacity

Energy Storage Systems						
Total (MWhr)	108,148	74,074	64,815	2,778	5,000	23,704
Capacity (MW)	13,519	9,259	9,259	926	5,000	2,963
Duration (Hr)	8	8	7	3	1	8

NREL Energy Storage Benchmark Prices (\$millions)						
\$/kWhr	\$ 339	\$ 339	\$ 343	\$ 392	\$ 564	\$ 339
Battery Total	\$ 36,647	\$ 25,101	\$ 22,261	\$ 1,090	\$ 2,820	\$ 8,032
Total	\$ 95,952					

2050 71,859 MW Capacity

Energy Storage Systems				
Total (MWhr)	17,778	112,593	103,704	2,593
Capacity (MW)	2,222	14,074	12,963	1,296
Duration (Hr)	8	8	8	2

NREL Energy Storage Benchmark Prices (\$millions)				
\$/kWhr	\$ 339	\$ 339	\$ 339	\$ 436
Battery Total	\$ 6,023	\$ 38,125	\$ 35,115	\$ 1,130
Total	\$ 80,393			

Total Energy Storage through 2050 \$ 176,345