

## Storage technologies in the US in 2017, by percentage

Use case	Electro-chemical	Electro-mechanical	Thermal
Frequency regulation	49.7% (0.95 GW)	2.5% (0.04 GW)	0.0% (0.00 GW)
Electric supply capacity	3.7% (0.07 GW)	12.7% (0.20 GW)	0.0% (0.00 GW)
Black start	2.1% (0.04 GW)	20.4% (0.32 GW)	0.0% (0.00 GW)
Renewable capacity firming	5.2% (0.10 GW)	0.0% (0.00 GW)	72.0% (2.39 GW)
Spinning reserve	9.4% (0.18 GW)	0.1% (0.01 GW)	0.0% (0.00 GW)
Onsite power	0.0% (0.00 GW)	54.8% (0.86 GW)	0.0% (0.00 GW)
Electric energy time shift	7.9% (0.15 GW)	7.0% (0.11 GW)	4.2% (0.14 GW)
Renewable energy time shift	2.6% (0.05 GW)	0.0% (0.00 GW)	14.5% (0.48 GW)
Total (including other uses)	1.91 GW	1.57 GW	3.32 GW