

Global BESS Operational Leaderboard

Date: 24-07-2026

Primary Sorting Metric: Relative Capacity (% of Peak)

Rank	Country	Operational BESS Capacity	Power (GW)	Peak Demand	Relative Capacity
1	Ireland	~1.6-2.5 GWh	1.8 GW	5.5 GW	32.7%
2	Australia	~12.0-18.5 GWh	7.9 GW	35.2 GW	22.44%
3	Chile	~4.6-8.3 GWh	2.2 GW	11.8 GW	18.6%
4	United Kingdom	~7.5-10.0 GWh	7.0 GW	47.4 GW	14.8%
5	Germany	~5.0-8.5 GWh	8.5 GW	79.0 GW	10.8%
6	China	~170-215 GWh	150.0 GW	1,506 GW	10.0%
7	United States	~82.1 GWh	45.0 GW	759.0 GW	5.9%
8	Philippines	~1.0-1.5 GWh	1.0 GW	17.0 GW	5.9%
9	Belgium	~0.8-1.2 GWh	0.6 GW	13.5 GW	4.4%
10	Italy	~2.2-4.2 GWh	2.2 GW	58.5 GW	3.8%
11	Netherlands	~0.7-1.1 GWh	0.5 GW	18.5 GW	2.7%
12	Japan	~4.0-6.5 GWh	2.5 GW	158.0 GW	1.6%
13	South Africa	~1.3-2.0 GWh	0.5 GW	34.0 GW	1.5%
14	Canada	~3.5-5.0 GWh	1.5 GW	105.0 GW	1.4%
15	Saudi Arabia	~1.3-2.5 GWh	0.8 GW	68.0 GW	1.2%
16	Spain	~0.6-1.0 GWh	0.5 GW	41.0 GW	1.2%
17	France	~0.5-0.9 GWh	0.4 GW	88.0 GW	0.5%
18	South Korea	~0.3-0.5 GWh	0.3 GW	94.5 GW	0.3%
19	India	~0.5-0.8 GWh	0.5 GW	270.8 GW	0.2%