

DURATION	PHES	Li-Ion batteries	CsT (molten salts)	VRFB	A-CAES	LAES	ZNBR	Underground hydrogen	eTESe (molten salts)	Na-Ion batteries	Gravity
Maturity (CRI) ¹²⁷ in grid scale applications	6	5–6 (short duration) 3-4 (medium duration) ¹²⁸	4–5 3–4 (small scale)	3–4 3 (long duration)	2–3	2	2	1–2	1–2	1	1
Short (<4 hours)											
Medium (4 to 12 hours)											
Intraday storage (>12 to 24 hours)											
Multiday storage (>24 to 100 hours)											
Seasonal storage (>100 hours)											

Legend: Likely commercial applicability Partial commercial applicability Unlikely commercial applicability or insufficient data in specified duration for grid-scale use