

Australia is [experiencing](#) a historic home battery boom, with a whopping **400,000** units installed in just the last **10 months**, totaling **11.2 gigawatt-hours** of new distributed storage. Australia [installed](#) as many home batteries in the second half of 2025 as in the previous five years combined! This pairs perfectly with rooftop solar, and Australia's also a [world leader](#) there, with **one in three** homes in the country now [generating](#) their own clean power.



South Australia is aiming to run on 100% wind and solar PV by 2027. Image: CSIRO.

[Source.](#)

Plus, the “**Solar Sharer**” program [offering](#) Australian households **three hours of free grid electricity** around sunny midday is [set to start](#) in July 2026! During those hours, folks with home batteries will be able to stock up on enough power for the whole day, for free. Australia is at the leading edge of a dawning “**free electricity**” era of clean, reliable abundance, all thanks to the epic advances of the electrotech revolution!

Home batteries are emerging across the United States as well, with notable domestic startups including [Base Power](#), [Raya Power](#), [Lunar Energy](#), and [Pilu Energy](#). Their benefits are manifold, from boosting affordability by lowering household electricity bills to [building resilience](#) both at scale by providing flexible “virtual power plant” capacity to back up the grid ([directly reducing](#) blackout risk for everyone!) and individually by keeping the lights on for houses during disasters!

Home batteries are a commonsense solution bringing affordability, reliability, and independence for American families. The 2026 Illinois POWER Act [requires](#) new data centers to help pay for their new renewable energy — including distributed home batteries for consumers — to ensure grid stability, and New York is mulling a similar bill. This is a great template to follow! State leaders should accelerate this win-win-win solution by removing permitting barriers, requiring new heavy grid loads to invest in distributed batteries, and establishing state-level information, grant, and incentive programs to spur adoption.

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