

Get ahead with in-depth forecasts, components pricing, and policy updates

Explore the Energy Storage Technology and Cost Forecast

What is ESTAC?

Released twice a year, PVEL and Exawatt's Energy Storage Technology and Cost (ESTAC) Report offers energy storage buyers with battery technology trends and costs to help inform market-entry and procurement strategies. The report provides supply chain analysis, policy review, and technology discussion.

Recent editions have focused on lithium supply, alternatives to lithium-ion batteries, recyclability of materials, and impacts of policy updates. Costing models are based on a bottom-up methodology from the cathode-active material through to the casing of the cell itself.



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ESTAC Forecasts Include:



Market Consolidation



Supply chain analysis



Policy/trade news update

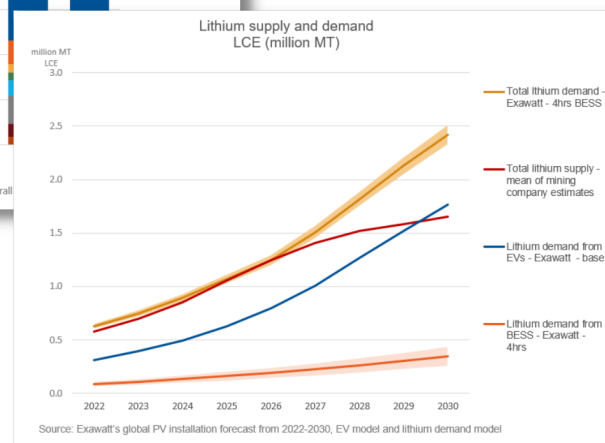
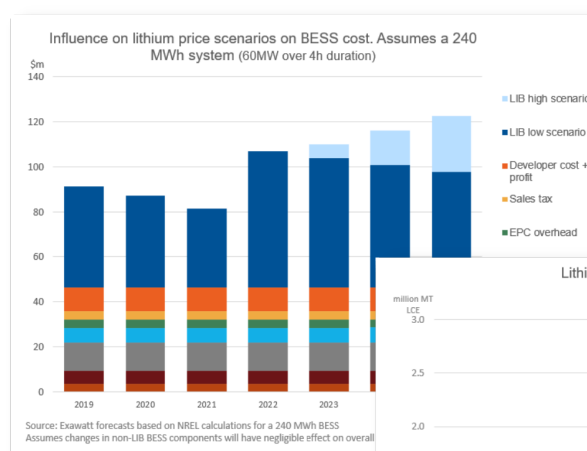


Cost breakdown



Technology outlook

Examples of ESTAC Report Data:



To learn more and to subscribe to the report, email info@pvel.com

About PVEL



PVEL, a member of the Kiwa Group, is the leading reliability and performance testing lab for downstream solar project developers, financiers, and asset owners around the world. PVEL and the Kiwa Group provide a suite of technical services for mitigating risk, optimizing financing, and improving system performance throughout the project lifecycle. For over a decade, PVEL's flagship Product Qualification Program has replaced assumptions about PV module performance with quantifiable metrics and connected manufacturers with a global network of downstream partners.

About Exawatt



Exawatt brings together experts in technology, market analysis and forecasting to provide strategic consulting and research for the solar PV, electric vehicle, power electronics and lithium-ion battery markets. Its proprietary forecast models combine detailed market analysis with technical understanding in all facets of the value chain, from materials supply and manufacturing to downstream project development. This approach allows Exawatt to make accurate forecasts about where, when and how new and evolving technologies will influence the development of each market.