



# Byd energy storage 130 kWh

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LAKESIDE, CALIF. (2/23/2022) — Energy Toolbase, a leading provider of energy storage software solutions, has commissioned a behind-the-meter energy storage project with HES Solar, a San Diego-based, full-service solar development and installation company. HES Solar installed a BYD Chess energy storage system, integrated with Energy Toolbase's Acumen EMS controls software, alongside a SunPower solar photovoltaic system for a Fortune 100 food and beverage industry client.

Energy Toolbase provides a cohesive suite of project modeling, storage control, and asset monitoring products that enable solar and storage developers to deploy projects more efficiently. HES Solar and the host customer will have full visibility into the solar and storage operation via the ETB Monitor platform, which provides a secure, web-based portal for the customer to view real-time system performance, bill savings, as well as create alerts, schedule dispatch commands, and override events.

In 2021, Energy Toolbase was the largest BYD Chess system reseller in North America. Energy Toolbase has fully integrated its controls software to work seamlessly with BYD energy storage hardware, enabling developers to efficiently install and commission their combined solution. Energy Toolbase has now commissioned or contracted its Acumen EMS on over 60 sites, totaling over 30 MWh of storage capacity, throughout the United States, Canada, and Mexico. Energy Toolbase rebranded its energy storage controls product to Acumen EMS; in October of 2020, following its merger with Pason Power.

"I consider advanced control capabilities to be the core competence of a competitive energy storage software company," said Michael Liu, the Senior Director of Energy Storage at BYD. "Energy Toolbase and HES Solar have been great partners to work with, and we are optimistic about deploying many more energy storage systems together in the future."

Energy Toolbase is an industry-leading software platform that provides a cohesive suite of project estimating, storage control, and asset monitoring products that enable solar and storage developers to deploy projects more efficiently. Energy Toolbase's SaaS products are used by over 1,000 distributed energy organizations worldwide. To learn more or request a free trial, visit <https://>

Energy Toolbase is backed by its parent company, Pason Systems, a leading global provider of data management systems and controls automation software for the energy industry. With a global footprint and 40-year track record, Pason enjoys one of the strongest balance sheets in the industry and trades on the Toronto Stock Exchange under the symbol PSI. For more information visit: <https://>

HES Solar, formerly known as Home Energy Systems, is a local, family-owned and operated, full-service solar company established in San Diego in 2001. The innovative company uses the best quality solar equipment by SunPower to create residential and commercial energy systems that are optimized for durability



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and performance. HES is also an Enphase Encharge certified installer, Tesla Powerwall, and Megapack certified installer, as well as an EV charging station installer. HES is committed to customer satisfaction from Chula Vista to Poway to Murrieta and provides top-tier support as more clients gain energy independence through renewable, money-saving alternatives to utility power. For more information, please visit

The Official Sponsor of Mother Nature's, BYD, which stands for Build Your Dreams, is the world's leading electric vehicle company with proven innovative technology for cars, buses, trucks, forklifts, and rail systems - like SkyRail. BYD is dedicated to creating a truly zero-emission ecosystem offering technology for solar electricity generation, energy storage to save that electricity, and battery-electric vehicles powered by that clean energy. BYD has 220,000 employees across the globe, including nearly 1,000 in North America. For more information, please visit

Digital Marketing Specialist

BYD, the world's top seller of new energy vehicles, has once again achieved record-breaking performance.

On January 29, BYD disclosed its performance forecast, expecting to achieve a net profit of RMB 29-31 billion (USD 4-4.3 billion) in 2023, a year-on-year increase of 74.46-86.49%. Based on the lower limit of the expected profit, the Chinese company is set to earn approximately RMB 79.45 million (USD 11.1 million) per day in 2023. Additionally, its cumulative sales of new energy vehicles in 2023 reached 3.0244 million units, maintaining its position as the global sales leader.

In addition to the growth of BYD's business, 36Kr noted that the company's energy storage business has also progressed significantly, playing an increasingly important role. According to BYD's previously disclosed production and sales brief, the total capacity of vehicle and energy storage batteries it installed in 2023 was approximately 150.909 gigawatt-hours, with the former accounting for around 111 GWh. This means that BYD's installed capacity of energy storage batteries may reach 40 GWh in 2023, fast becoming a rising star in the battery space.

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