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Tesla is looking to make and sell battery storage systems in India and has submitted a proposal to officials seeking incentives to build the Powerwall battery storage factory, according to a report by Reuters. Alternatively, the American EV giant has also been in talks for weeks about setting up a new electric vehicle factory in India to build a car priced around USD 24,000 (approximately Rs 19 lakh), with discussions overseen directly by Prime Minister Narendra Modi. In recent meetings in New Delhi, Tesla proposed supporting the country's battery storage capabilities with its "Powerwall", a system that can store power from solar panels or the grid for use at night or during outages, Reuters reported, quoting unnamed sources. Tesla's Powerwall is a sleek unit around a meter high, designed to be hung in a garage or outside a house. Although Tesla sought a number of incentives to set up a battery storage factory, Indian officials have reportedly conveyed these would not be available. The Reuters report added that the government could help create a fair business model for the company by offering subsidies to those purchasing such products. While both Tesla and the Indian government remain keen on the proposal, and New Delhi continues to review it, it is not certain if the plan will be realised. The Powerwall proposal is reportedly part of Tesla's plans for a broader presence in India and the company is keen to find residential as well as industrial customers for its battery storage systems. Powerwall is aimed at domestic and light commercial use but Tesla could look at developing larger solutions for the industry if the India plan comes to fruition. India has boosted electricity supplies to towns and villages but still faces peak-time shortages as demand surges. It is largely dependent on coal-based power generation as storage technologies are expensive and not yet widespread. The country is targeting an increase in non-fossil fuel power capacity to 500GW by 2030, from 186GW now. Indian officials have also conveyed that Tesla will have to work on reducing the cost of its battery storage products, the newswire reported, adding that the government could help to unlock the market with demand expected to be high. With incentives, Powerwall costs more than USD 5,500 (around Rs 4.5 lakh) in California, with additional costs for solar panels. Also See: Government mulls legal action against 2-wheeler EV makers over FAME 2 violation Tesla to source USD 1.9 billion worth auto parts from India How can financial brands set themselves apart through visual storytelling? Our experts explain how. Learn More The Motorsport Images Collections captures events from 1895 to today's most recent coverage. Discover The Collection Curated, compelling, and worth your time. Explore our latest gallery of Editors' Picks. Browse Editors' Favorites How can financial brands set themselves apart through visual storytelling? Our experts explain how. Learn More The Motorsport Images Collections captures events from 1895 to today's most recent coverage. Discover The Collection Curated, compelling, and worth your time. Explore our latest gallery of Editors' Picks. Browse Editors' Favorites Tesla has reportedly formulated a strategic blueprint to produce and market battery storage systems in India. Tesla Powerwall India: The American EV maker has reportedly formulated a strategic blueprint to produce and market battery storage systems in India. Also, the company is said to have submitted a proposal to Indian authorities in a bid to secure incentives for the establishment of a dedicated manufacturing facility. This move will complement the company's efforts to make its entry into the Indian market. Moreover, the company's plans to establish a dedicated EV manufacturing plant in the country are also on the track and in progress with close supervision by Prime Minister Narendra Modi. In recent high-level meetings held in New Delhi, the American EV-maker is reported to have presented its proposal to bolster India's battery storage capabilities through the deployment of its cutting-edge "Powerwall" system. What is Tesla's Powerwall System? The Tesla Powerwall is designed to store energy generated by solar panels or derived from the grid, ensuring a consistent power supply, especially during nighttime or outages. This state-of-the-art energy storage solution has been aimed at transforming how residential and commercial properties manage their electricity consumption. Also, Tesla also explored various incentives to support the construction of a battery storage factory. Tesla Powerwall system comprises these key features: Battery Storage: At its core, the Powerwall utilises a lithium-ion battery pack. Energy Management: Integrated with intelligent energy management software, the Powerwall empowers users to optimize their electricity usage. It achieves this by storing surplus energy when it's abundant and cost-effective, such as during daylight hours when solar panels generate electricity. This stored energy can then be utilized during peak demand times or in the event of power outages. Seamless Integration: Tesla has designed the Powerwall for integration with solar panel systems. This integration enables homes and businesses to efficiently capture and store electricity generated by solar panels. Scalability: To cater to varying energy requirements, users have the flexibility to install multiple Powerwall units in parallel. This scalability is particularly beneficial for properties with higher energy demands. Backup Power: During power outages or grid failures, the Powerwall swiftly switches to supply backup power, ensuring that critical appliances and systems continue to operate smoothly. This feature offers not only peace of mind but also plays a pivotal role in emergency situations. Remote Monitoring: Through a smartphone app or a web-based portal, users can conveniently monitor and control their Powerwall system remotely. This functionality facilitates real-time tracking of energy production and consumption and enables users to make adjustments as needed. The Powerwall proposal is an integral component of Tesla's broader strategy to establish a robust presence in India that transcends the realm of electric vehicles. As of now, there is no certainty regarding the realisation of this plan. Prashant Singh author Prashant is a senior journalist who has been active since 2014. He loves munching miles on his beloved Kawasaki and finds himself attached to his Play... 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