

# The factory installs its own solar power generation



## Overview

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The new factory, which started operation in April 2021, has 202 solar panels on its rooftop capable of generating approximately 86,000kW per year as an initiative to reduce environmental impact. The new factory will be able to cover 45-50% of its electricity usage with. The concept of solar power revolves around the conversion of sunlight into electricity using solar panels. Photovoltaic (PV) cells are primarily utilized for this transformation. I've always been curious about how big industrial spaces manage to make such a significant change without disrupting their daily operations. In this article, I'll share the journey of. As manufacturing plants look to reduce costs and minimize their environmental footprint, solar energy emerges as a powerful solution. Adopting solar energy systems can transform the financial dynamics of manufacturing plants. In addition to the existing solar power generation facility, IDEC (unconsolidated) started constructing a one additional new power generation facility in FY2024 and FY2025, respectively.

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A critical first step in solar power installation is to thoroughly evaluate the energy consumption patterns of the factory. Understanding energy requirements entails analyzing current ...



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