

Current status of solar power plants in Northeast China



Overview

Rapid solar capacity expansion overwhelms the grid, PV manufacturers compete for market shares, and then large target markets slap import tariffs on Chinese PV products, taking off their competitive edge. The Xinghuo PV power station in Heilongjiang province, north-east China, in operation since 2022. From 2020 to 2024, Heilongjiang increased its share of clean power generation by more than any other province in China except Liaoning, also in the north-east (Image: Xinhua / Alamy) China has been. Note: NEA considers utility-scale solar to include projects of at least six megawatts of installed alternating current capacity. Utility-scale solar power capacity in China reached more than 880 gigawatts (GW) in 2024, according to China's National Energy Administration. That's more than half of global additions that year, and it brings total installed capacity to 1. Chinese renewable generation reached 366. Recently in China, Luneng Group's multi-energy hybrid project in Fukang, Changji Prefecture, Xinjiang, hit a key milestone as the concrete shell of its 100 MW concentrated solar power (CSP) receiver tower was topped out. So there is a lot of uncertainty in the. Global solar installations are breaking records again in 2025. In H1 2025, the world added 380 gigawatts (GW) of new solar capacity – a staggering 64% jump compared to the same period in 2024, when 232 GW came online.

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