

Solar Onsite Energy Installation in Mongolia



Overview

Prime Solar LLC provides high-quality, affordable solar energy solutions for households and businesses in Mongolia. Professional installation, on-grid, off-grid, and hybrid solar systems. dscape for wind and solar in Mongolia as of June 2024. Here, we discuss legislation and financing for renewable energy sources, as well as regulation regarding the social and environmental impacts of renewable energy projects. We also give an overview of institutions and civil society stakeholders . Ulaanbaatar, 25 September 2025 - The China International Development Cooperation Agency (CIDCA), the United Nations Development Programme (UNDP), and the Chingeltei District of Ulaanbaatar launched the "Upgrading Ger Districts in Ulaanbaatar Through Solar Photovoltaic System Implementation" project . ULAANBAATAR, MONGOLIA (30 October 2025) - The Asian Development Bank (ADB) has been engaged by the Government of Mongolia to provide transaction advisory services for the Stable Solar Energy in Mongolia Project, which aims to develop about 115 megawatts (MW) of solar photovoltaic capacity and 65 MW . The UNDP smart facility in Ulaanbaatar, Mongolia, required a reliable and affordable green energy solution that meets high-quality standards and serves as a showcase for sustainable energy on both national and international levels. It includes all data from DOE's previous Combined Heat and Power (CHP) and Microgrid Installation Databases and is updated on a quarterly . "Steppe Solar" LLC operates in the field of reducing air pollution and introducing renewable energy technologies and techniques. The company was founded in November 2008 and expanded into a scientific and industrial enterprise in January 2009.

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Onsite Energy Database

This database contains detailed information on electric and thermal energy generation and storage technologies that are physically installed at end-user sites, supplying electricity and/or heat directly to

Stepp solar LLC

We are an official distributor of the world-famous German brand Viessmann in Mongolia, which manufactures and installs heating equipment based on renewable energy sources.



Solar and wind power in Mongolia: 2024 policy overview

Mongolia has a target of 30% renewable energy capacity by 2030, reflecting the country's commitment to transitioning to a low-carbon, green economy as outlined in the Vision 2050 strategy.

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[GIS-Based Site Suitability Analysis for Solar Power Systems in](#)

Abstract: In this study, we employed a



Mongolia Hybrid System for UNDP Facility

We successfully supplied, installed, and integrated a 50 kWp hybrid solar PV system (Solar PV + Grid/Generator) for the UN smart facility in Ulaanbaatar, Mongolia.

geographic information system (GIS)-based approach to identify sites suitable for large-scale solar photovoltaic (PV) power plant installations in Mongolia.



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[Current Regulations on the Renewable Energy Law of Mongolia and](#)

To achieve this international commitment, Mongolia is actively working to increase the share of renewable energy in its total installed energy capacity, including wind, solar, and hydropower.



[CIDCA and UNDP Partner to Bring Solar Energy to Ulaanbaatar's Ger](#)

By replacing coal-based heating with solar-powered systems equipped with heat storage technology and smart meters, the project aims to improve public health, cut greenhouse gas

[ADB to Support Mongolia in Expanding Solar](#)

Power and Grid Stability

This will be one of Mongolia's largest renewable energy procurements and the country's first solar and BESS auction. The project is designed to enhance grid reliability, reduce dependence



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