

# **Nepal s policy on installing solar energy storage**





## Overview

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The policy, introduced on October 29, 2024, is a strategic move to diversify the country's energy sources and, crucially, stabilize the electricity supply, particularly during the dry season when hydropower generation wanes. Can solar PV & energy storage solutions transform Nepal's energy sector?

The event took place at the Huawei Exhibition Center in Hattisar, Kathmandu, bringing together over 80 key stakeholders from Nepal's energy, business, and industrial sectors. This program served as a platform to explore the potential of solar PV and energy storage solutions in transforming Nepal's energy sector.

What are the problems in Nepal's energy sector?

10 MAJOR ISSUES IN NEPAL'S ENERGY SECTOR

- 3.1. Weak Inter-Sectoral Coordination and Regulator Provision among Key Sector Players
- 3.2. Inadequate Transmission and Distribution Network for Widespread Promotion of Efficient Electric Stove
- 3.3. Less Focus on Solar and other RETs
- 3.4. Limited Skilled Human Resource and Capacity
- 3.5. Incongruity between Power supply and Demand

How AEPCC supports alternative energy technologies in Nepal?

Alternative energy technologies, in Nepal. The AEPCC supports GoN to devise policies and develops support mechanisms for projects and interventions regarding clean and renewable technologies energy efficient technologies and carbon initiatives relevant to Renewable Energy Technologies (RETs) like solar, small/mini hydropower, etc.

What is Nepal's environment protection policy?

Environmentally quite diverse and resplendent. Nepal has strict environmental protection policies in place. The Environment Protection Act (EPA) 2019 and Environment Protection Rules (EPR) 2020 serve as guiding documents for environmental protection.



## Nepal's policy on installing solar energy storage

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### Balancing Solar Energy Expansion and Agricultural Preservation in Nepal

May 28, 2025 · Rooftop solar systems also provide a promising alternative, utilizing existing structures and avoiding the need for arable land. By promoting rooftop solar through financial ...

### Promotion of Solar Energy in Rural and Semi-urban Regions of Nepal ...

Along with other programs and projects, AEPC is executing a project "Promotion of Solar Energy in Rural and Semi-urban Regions of Nepal" with financial assistance from the Federal ...



### [Harnessing solar PV potential for decarbonization in Nepal: ...](#)

Apr 1, 2025 · We recommend that to achieve net-zero emission targets, Nepal's policy framework should prioritize deployment of solar PV: ground-mounted PV for utility scale, rooftop PV for ...

### Nepal's Green Energy Future: Huawei, CNI, & Stakeholders Discuss Solar

12th March 2025, Kathmandu Huawei Digital Power Nepal, in collaboration with the Confederation of Nepalese Industries (CNI), organized a dialogue on solar photovoltaic (PV) and energy ...



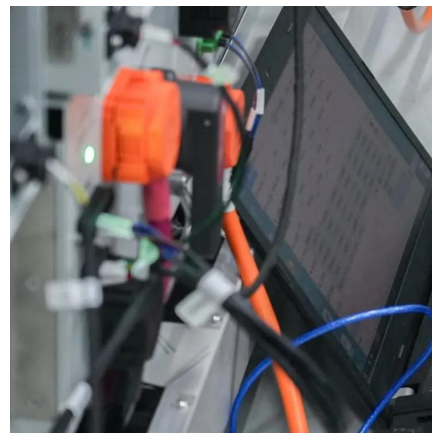
### From Diesel to Solar: Advancing Sustainable Energy Access in Rural Nepal

Oct 6, 2025 · This grant proposal aims to address the pressing energy challenges faced by communities in Nepal, particularly in rural areas where access to reliable electricity is limited. ...



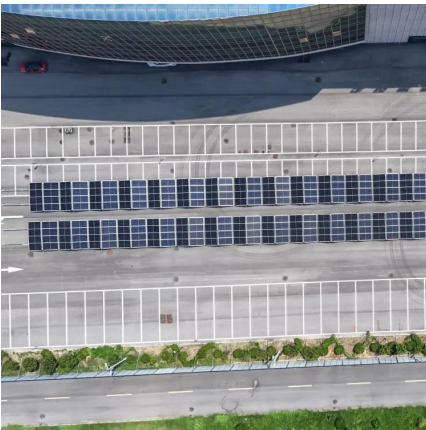
### [Gham Power to Launch Nepal's Largest Battery Storage Project](#)

Apr 5, 2025 · Attending the ceremony on behalf of Nepal were Nepali Ambassador Bharat Kumar Regmi, Gham Power CEO Anjal Niraula, and teams from Swanbarton and Practical Action. ...



### [Battery storage makes 'anytime solar' dispatchable - this is ...](#)

55 minutes ago · Battery storage makes 'anytime solar' dispatchable - this is what wind needs to catch up As solar companies steam ahead in the race for energy storage, progress for wind ...





### [Policy and Regulatory Environment for Utility-Scale ...](#)

Sep 3, 2021 · As Nepal continues to update its power sector policy and regulatory frameworks, policy makers and regulators have an opportunity to put in place a suite of policies, programs, ...



### **(PDF) Renewable Energy Development in Nepal: Potential, Policies ...**

Jul 3, 2023 · The study explores the current energy landscape in Nepal, highlighting the dominance of hydropower and the untapped potential of solar, wind, biomass, micro-hydro, ...

### [The future of Nepal's industrial sector depends on solar](#)

Mar 12, 2025 · Stakeholders have pointed out that for the sustainable future of Nepal's industrial sector, emphasis on solar energy, energy storage solutions and decarbonization is indispensable.



### [Nepal's 10,000 MW Solar Energy Plan: A Strategic Shift by ...](#)

Jun 16, 2024 · Discover Nepal's ambitious goal for 10,000 MW of solar power by 2035. Learn how this strategic plan aims to diversify energy sources and overcome key challenges.



[Nepal solar policy: Remarkable 2024 plan to boost energy](#)

Oct 23, 2025 · Nepal's New Solar Policy Aims to Boost Investment Based on Nepal solar policy  
Nepal's Ministry of Energy, Water Resources and Irrigation (MoEWRI) has announced a new ...



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