

# Upgrading power distribution boxes in Nepal



## Overview

The project, which will be implemented under ADB's South Asia Subregional Economic Cooperation (SASEC) Power Transmission and Distribution Strengthening Project, will primarily focus on the construction of 290 kilometers of transmission lines, the establishment of five new. The project, which will be implemented under ADB's South Asia Subregional Economic Cooperation (SASEC) Power Transmission and Distribution Strengthening Project, will primarily focus on the construction of 290 kilometers of transmission lines, the establishment of five new. This document has been prepared for internal use within the Ministry of Energy, Water Resources and Irrigation / Department of Electricity Development (MoEWRI / DoED), the Nepal Electricity Authority (NEA), the Alternative Energy Promotion Centre (AEPC) and the Asian Development Bank (ADB). The project comprises 21 subprojects in separate geographic locations in western Nepal, each consisting of the following three components. The primary. This Electricity Transmission and Distribution Strengthening Project (ETDSP) is proposed for financing by Asian Development Bank (ADB) to construct new high voltage transmission lines and substations in the different parts of the country and augmentation of the existing substations with. The project will increase access to electricity supply in selected areas of Western Nepal by 2024, while also improving quality and efficiency of the service. It would also contribute to national development objectives as defined in the 2013 National Energy Strategy of Nepal. "Upgrading and modernizing Nepal's electricity transmission and distribution facilities and. In Kathmandu, new underground cables are emerging beneath existing transformers in load centres, ready for changeover from overhead lines. In Pokhara, trenching and horizontal drilling operations are actively installing PVC duct systems beneath the streets, with new cables being drawn in.

## Article Content

Apr 16, 2026

ADB to Help Nepal Upgrade Electricity Transmission and Distribution ...

The South Asia Subregional Economic Cooperation (SASEC) Electricity Transmission and Distribution Strengthening Project aims to modernize energy infrastructure such as power ...

Sep 11, 2025

Nepal plans major upgrades in power grid with ...

Ghising explained that the existing 132 kV line from Butwal to the west will be upgraded to a 400 kV line and substation to meet the growing power ...

Sep 28, 2025

Investment Secured for Electricity Distribution System Improvement

Under the ADB's South Asia Subregional Economic Cooperation (SASEC) Electricity Transmission and Distribution Strengthening Project, the key initiatives will include constructing 290 ...

Jul 05, 2025

Nepal Electricity Authority

The project will include the following components: i) Construction of 33/11 kV substations and associated lines; ii) Construction of 11 kV & LT lines and installation of Distribution Transformers; and iii) ...

Sep 30, 2025

NEPAL DISTRIBUTION SYSTEM UPGRADE AND EXPANSION

The project will increase access to electricity supply in selected areas of Western Nepal by 2024, while also improving quality and efficiency of the service. It would also contribute to national ...

Nov 10, 2025

Nepal: South Asia Subregional Economic Cooperation Electricity ...

This Electricity Transmission and Distribution Strengthening Project (ETDSP) is proposed for financing by Asian Development Bank (ADB) to construct new high voltage transmission lines and substations ...

Sep 14, 2025

Distribution Master Plan for Nepal

An assessment of the power systems in the Metropolitan and Sub-Metropolitan areas of Nepal was undertaken, and the proposed Distribution Augmentation requirements determined under each one ...

Oct 08, 2025

Nepal Distribution Upgrade Tender | PDF | Specification (Technical ...

Nepal Distribution Upgrade Tender. This document provides the technical specifications for the Distribution System Upgrade and Expansion Project (DSUEP) being implemented in 4 districts ...

Apr 21, 2026

ADB to Help Nepal Upgrade Electricity Transmission and Distribution ...

"Upgrading and modernizing Nepal's electricity transmission and distribution facilities and infrastructure is essential to its sustainable growth and development," said ADB Principal Energy Specialist Jiwan ...

May 17, 2026

Nepal : Distribution System Upgrade and Expansion

The objective of the project is to increase access to and improve quality and efficiency of electricity supply in selected areas of western Nepal.

Sep 22, 2025

Nepal plans major upgrades in power grid with international support to ...

Ghising explained that the existing 132 kV line from Butwal to the west will be upgraded to a 400 kV line and substation to meet the growing power demand and ensure reliable electricity ...

Oct 22, 2025

Nepal Electricity Authority

Nepal's electricity transmission system is turning to build a 220 Kilovolt (kV) and 400 kV East-West backbone through which electricity can be transported from hydropower collection hubs to customers ...

Apr 01, 2026

Undergrounding Nepal's 11kV Distribution Network: ...

Major projects supported by the Nepal Electricity Authority (NEA) are progressing across the main cities.

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