

Energy Interconnection in South Asia



Overview

The “Energy Connectivity in South Asia” (ECSA) project is a €5 million, four year regional energy project covering five countries in South Asia -Bangladesh, Bhutan, India, Nepal and Sri Lanka (BBINS). It is funded by the European Union (EU) and implemented by Expertise France. Average GDP growth during the last two decades was 6%. 6% Bangladesh has gas reserves, depleting now. Afghanistan : Small Power system(1341 MW), Electricity Imports high, Hydro Dominated. As part of the Lao PDR Chairmanship Priority Economic Deliverable (PED) on Energy #8:. The Meeting welcomed the commencement of the process for extending the existing Memorandum of Understanding (MoU) of APG until 31 December 2025 and called upon all AMS and APG bodies to support APGCC as the lead body for the preparation of the successor APG agreement. Smart grid + UHV grid + Clean energy,adopted in the IPCC AR6 Report.



Article Content

Jul 03, 2026

Southeast Asia – World Energy Investment 2025 – Analysis

Southeast Asia In the past, Southeast Asia's rapid economic growth was mostly driven by fossil fuels but clean energy now accounts

Dec 21, 2025

An Overview of Energy Cooperation in South Asia

The paper provides an overview of both intra-regional and inter-regional energy cooperation in South Asia covering ongoing and

Jan 17, 2026

Energy Connectivity in South & South-West Asia (S-SWA)

MOU on Grid Interconnection was signed on 31st August"2018. BIMSTEC Grid Interconnection coordination Committee (BGICC) has

May 10, 2026

Presentation

ASEAN members increase its commitment to energy transition as seen in the updated PDP. So, where we are heading next to

Apr 21, 2026

Southeast Asia Energy Outlook 2024 – Analysis

The second chapter describes the IEA scenario projections for Southeast Asia to 2050 across all fuels and technologies, based on

Aug 19, 2025

Energy Interconnection Research and Outlook on Asia and ...

One ± 800 kV, one ± 660 kV DC projects with transmission capacity of 12 GW will be built to connect Southeast and South Asia. Five

May 16, 2026

Research and Outlook on Power Interconnection in the Asia-Pacific

Ø South Asia: Building transmission channels connecting clean energy resources inside and outside the region, to improve power

Feb 25, 2026

Electric Power Network Interconnection: A Review on

A large power grid interconnection, including renewable energy and its integration into the

Jan 12, 2026

ADB Launches \$70 Billion Push to Connect Asia's Power Grids, Digital ...

ADB will back \$70 billion in new energy and digital infrastructure initiatives by 2035, aiming to connect power grids,

Feb 08, 2026

State of energy transition south asia

This report, the "State of Energy Transition in South Asia", provides an overview of the progress of energy transition in the region

Jun 13, 2026

Southeast Asia Energy Outlook 2026 - Analysis

The Southeast Asia Energy Outlook 2026 is the seventh edition of this World Energy Outlook Special Report, making Southeast Asia

Apr 04, 2026

The role of regional grid connectivity and cooperation for ...

As the share of renewable energy expands, cooperation at a wider level is required. In South Asia (SA) and Southeast

Feb 15, 2026

Case for interregional power connectivity in South Asia and ASEAN

By Jyoti K. Parikh, Executive Director and Navpreet Saini, Research Analyst, IRADe
The idea of long-range grid

Apr 10, 2026

Research and Outlook on Power Interconnection in the Asia-Pacific

1.2 Global Energy Interconnection (GEI) Ø An Enabler for Green Transition GEI is an important platform for the large-scale

May 16, 2026

ASEAN Power Grid Interconnections Project Profiles

The lists of the 18 ASEAN Power Grid interconnection projects are shown in Table 1. This

Dec 26, 2025

Interconnection of Grids in ASIA

South ASIA – GCC Grid Interconnection South Asia – ASEAN Grid Interconnection India – Sri Lanka Cross Border Electricity

Jun 21, 2026

Energy Connectivity in South Asia | EEAS

Energy Connectivity in South Asia was launched in Kathmandu on 9 July 2026. Representatives from the European Union, France,

Mar 26, 2026

European Union launches new project on regional energy connectivity

A South Asian sub regional initiative aimed at expanding energy interconnectivity in South Asia is set to be

Nov 09, 2025

ASEAN POWER GRID ADVANCEMENT PROGRAMME (APG-AP)

It fosters collaboration among ASEAN Member States (AMS), ASEAN bodies, and international partners to develop an integrated

Nov 17, 2025

ADB and the ASEAN Power Grid | Asian Development

The ASEAN Power Grid will foster stronger economic ties through regional energy trade while facilitating

Jul 18, 2026

Powering the Globe: Lessons from Southeast Asia for China's Global ...

China's Global Energy Interconnection (GEI) initiative presents a transformational vision for meeting the world's

Jun 04, 2026

Global Gateway: The European Union launches new project on

With the launch of this Global Gateway flagship, the European Union is investing in cheaper, cleaner, and more reliable

Jan 14, 2026

South Asia's Integrated Grid and Clean Energy Transition

Nepal's electricity exports to Bangladesh via India mark a breakthrough in South Asia's cross-border power trade,

Sep 30, 2025

Transforming Regional Electricity Markets in South and

Clean EDGE Asia fellow Rajiv Ratna Panda explores electricity grid integration in South

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