

Candidate must adhere to the word limit specified in the question.
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नहीं लिखना
चाहिए।
Candidates
must not
write on
this margin.

2. Cross border Electricity trade can bring in Economic & Sustainable development to the South Asian Region. Analyse.

Trading of Electricity already taking place globally. In this context, Central Electricity Regulatory Commission initiated Cross-border Electricity trade Regulations in 2019 for transparent, efficient platform to trade electricity. It also notified Cross border Electricity ^{trades} rules.

Cross-border Electricity trade in South Asian Region.

1. Nepal.

Nepal Electricity Authority has been trading in India's day-ahead market since 2021.

Purpose: To meet electricity demands during day season
Selling surplus electricity during monsoon.

Benefit: Generate ₹4.5 bn in 4 months - huge revenue generation potential.

2. Bhutan.

Bhutan is also trading in India's day-ahead market to meet electricity during lean season.

Importing 400 MW electricity during lean season.

CERC
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Bilateral

UPSC

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3. Bangladesh - trading in India's day ahead market.
It has 500kw per capita generation & increased fossil fuel
reliance:

Importing through trading. participating in spot market
has helped to optimize price for imports. (price discovery).

current green energy infrastructure - 600mw. Trading in
markets will increase import of green energy, reduce
reliance in fossil fuel, reduce carbon emissions. and
increase investments in Renewable energy and energy mix

way forward.

with neighboring countries trading in India's
electricity market, the South Asian region can bring
a price discovery engine to the region.

It will bring in ways for ecological,
economical & sustainable development of the South Asian
region and as a power market