

# Expert Working Group Meeting on Energy Connectivity

Asian Development Bank

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## Five Major Challenges in promoting Cross Border Electricity Connectivity

- \* Difficulties in convincing multiple governments for cross border power connection
- \* Conflicting interest by multiple countries in power sales/purchase
- \* Different technical standards – each country has its own grid standards
- \* Low institutional capacity
- \* Significant financing gap

## Concrete Examples and Good practices in addressing the challenges

- \* Establishment of a high level joint steering committee and a joint working group
- \* Providing support for preparation of Power Purchase Agreement
- \* Construction of asynchronous interconnection via back-to-back HVDC station
- \* Institutional capacity building during project preparation, implementation and operation
- \* Mobilization of MDB funds and private sector investments

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## **Role of regional cooperation in addressing the challenges.**

- \* A vital role in achieving energy security in a sustainable manner
- \* Preparation of a model cross border power purchase agreement
- \* Institutional capacity development
- \* Enhancing technical capacity in building cross border power transmission lines

## **What should be the main building blocks in developing the regional roadmap.**

- \* Review of power consumption trend, mix, and projection for future demand growth
- \* Assessment of the need for power trading
- \* Review of government policies and plans for power trade
- \* Analysis of institutional arrangements and their capacity
- \* Review of available financing options and the size

# THANK YOU

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