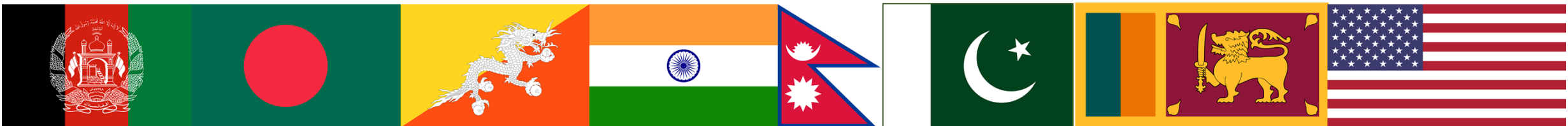


Task Force-2

Advancement of Transmission Systems Interconnection Terms of Reference and Key Deliverables

28th June 2019



Contents

- Objective
- Quick-recap of Task Force-2 work
- Terms of Reference
- Deliverables

Objective

- Implementation of sub-regional bilateral transmission interconnections in South Asia (SA) Region.
- Identify import-export points for technically and economically feasible cross border interconnections considering generation capacity additions.
- Development of minimum intercountry coordination procedures and standards required with respect to power system planning, design, and operations.
- A road map that would give prospective investors a comfort level on a long-term basis to setup CBET projects (transmission and associated generation projects).
- Institutionalize regional institution to support integrated regional transmission planning & system operation

Recap of Task Force-2 work

- Review of International Grid code and best practices
- Review of South Asian countries grid code
- Harmonization of Grid codes, operating procedures and Standards for promoting CBET in South Asia



Recap of Task Force-2 work

- Assessment of Power Trading Potential in South Asian region
- Model framework for trading licensee regime



Terms of Reference

- Review country specific energy supply and demand projections and trade potential for South Asian Countries (SACs)
- Long-term Regional Electricity Generation and Transmission Master Plan up to the year 2040 taking into consideration of the country specific plans.
- Conduct modelling work that gives utilization rates and cost-benefit of several priority transmission lines.
- Individual transmission links and their economics from estimated power flows and markets to be identified to prioritize them.
- Suggest fair and transparent rules and principles for coordinated system planning, integrated grid operation for CBET.

Terms of Reference

- Explore through detailed analysis and studies connectivity with Myanmar and BIMSTEC region as well as broad dimensions of South Asia and South East Asia.
- The potential benefits for connecting North-Eastern India with Bangladesh will also be accessed and communicated.
- A road map that would give prospective investors a comfort level on a long-term basis to setup cross border energy infrastructure the South Asia region.

Deliverables of Extended Phase

Regional Electricity Generation and Transmission Master Plan

Supply - demand scenario

Prefeasibility and
feasibility study for CBET
links

Utilization rate and CBA of
priority transmission link

A regional forum/working group for Transmission planning -SAFTU

Strategy paper for
creation of the
forum/working group

Knowledge exchange
program and creation of
SAFTU

Consolidated Technical
Template for Transmission
Planning

A regional forum/working group for grid operation- SAFSO

Brainstorming workshop

Strategy paper for
creation of the
forum/working group

Technical Toolkit for
System Operation

Deliverables

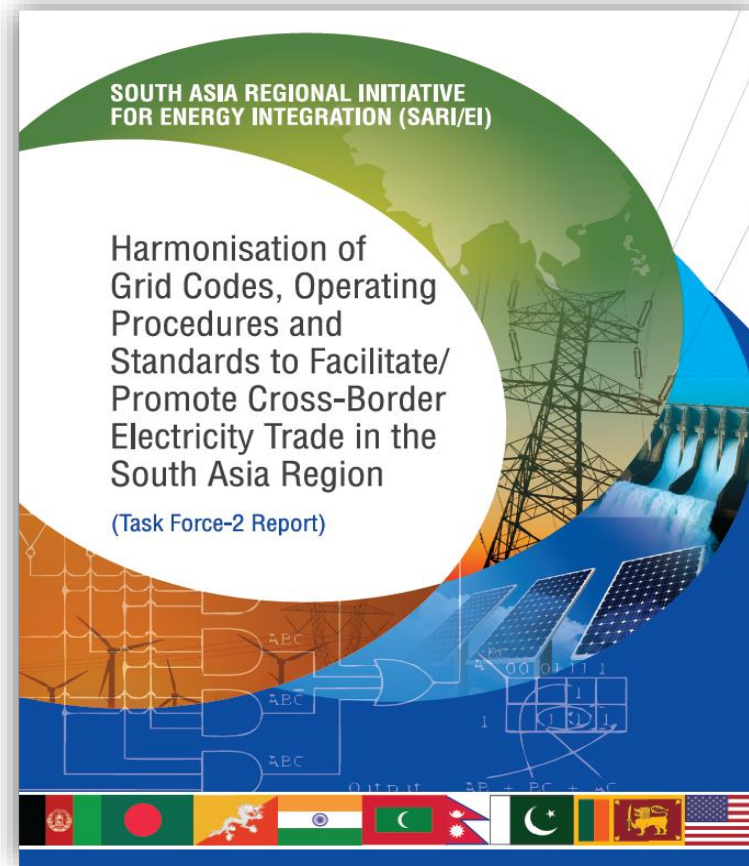
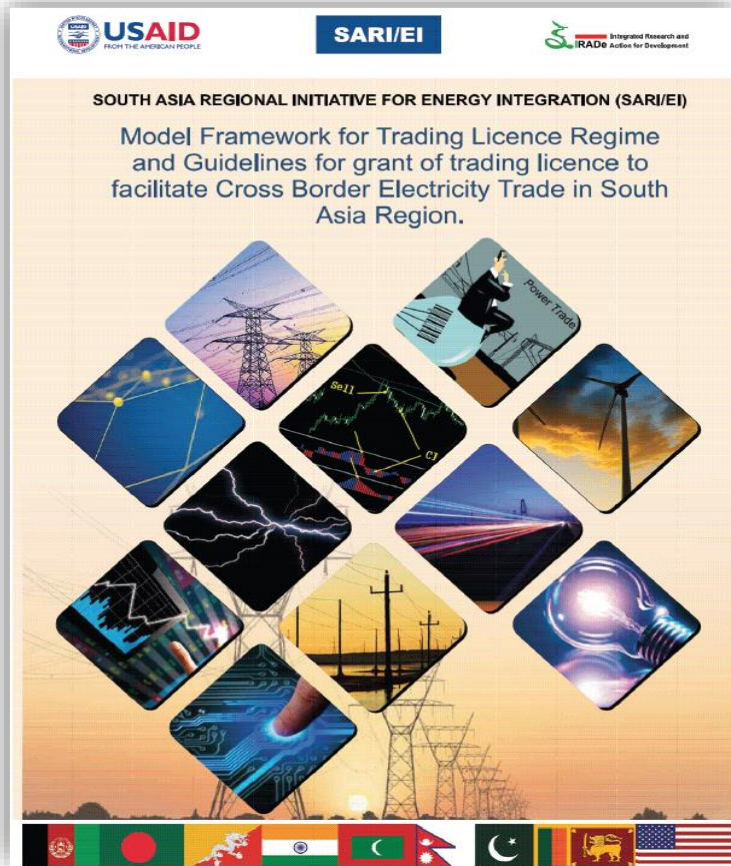
Modalities- financing for developing CBET infrastructure

Investor Guide cum fact sheet about various generation and transmission projects

Technical assistance to improve power system operation practices for CBET

Annual Certification Courses

Key Reports



Pictures





Thank You!

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