

APPENDIX- K

**ROUNDTABLE ON INTERCONNECTION OF REGIONAL GRIDS IN ASIA:  
SAARC GRID –GCC GRID - ASEAN GRID  
IN COLLABORATION WITH USAID AND SARI/IE**



**Regency 3, The Lalit Hotel, New Delhi  
06 MARCH 2020, 14:00 to 16:30 PM**

**AGENDA**

**Background**

A roundtable session was conducted on the topic "Interconnection of Regional Grids in Asia: ASEAN SAARC/BIMSTEC-GCC Grids" on 15th March 2019 in New Delhi as part of ISUW 2019. The roundtable was attended by key stakeholders from GCC, SAARC/BIMSTEC and ASEAN regions. The participants expressed interest on the concept and discussed various aspects of the Pan Asian Grid Interconnectivity. The technological, economic, environmental and social benefits were discussed in detail. The feasibility of various options and points of interconnections were looked into. Two potential interconnections were identified: (i) Oman-Gujarat undersea HVDC cable link and; (ii) Manipur-Myanmar-Thailand overhead line. A regional power market can only be functional in an interconnected regime. There is a regional power exchange already operational in the GCC region. There are domestic power exchanges operational in India. Efforts are on to initiate exchange based regional trade in the SAARC and ASEAN regions. Establishment of a South Asian Regional Power Exchange (SARPEX) has been recommended. The establishment of a regional power exchange in the very near future in the ASEAN region is also likely. The power market/exchange can start as a split market with the trades between various interconnected countries and regions conducted separately. As more and more interconnectors are built, these split markets can be coupled in steps. Physical infrastructure and the power market operating on the physical infrastructure needs to be coordinated to build and utilize the same in an optimal manner. All the power trades to be executed on sound commercial basis. This roundtable will discuss the following key topics:

1. Review of Status of Interconnection of grids in ASEAN, SAARC/BIMSTEC and GCC regions
2. Identified Interconnections
3. Feasibility Study for the Identified Interconnections
4. Next Steps

**Chair: SK Rahate, Additional Secretary, Ministry of Power**

**Speakers:**

1. **Mohammad Hossain**, DG, BPDB, Bangladesh
2. **Ghanshyam Prasad**, Chief Engineer, Ministry of Power
3. **Ujjwal Deep Dahal**, Director, Druk Holding & Investments (DHI), Bhutan
4. **SR Narasimhan**, Director – System Operation, POSOCO
5. **Hitendra Dev Shakya**, Managing Director, NEA Engineering Company, Nepal

6. **Rohan Seneviratne**, Deputy General Manager, Ceylon Electricity Board, Sri Lanka
7. **Pankaj Batra**, Project Director, IRADe
8. **Eddie Widiono**, Chairman, PJCI, Indonesia
9. **Michael Williamson**, Section Chief- Energy Division, UN ESCAP (**On Video**)
10. **Mohammad Abdullah Al-Drazi**, GCCIA, Saudi Arabia\*
11. **Sunil Wadhwa**, Advisor, IPPAI
12. **Harry Dhaul**, DG, IPPAI\*
13. **RK Chauhan**, Director – Projects, Power Grid Corporation of India\*
14. **Rajesh K Mediratta**, Director (Business Development) at IEX
15. **Rajiv Mishra**, Director, PTC India\*
16. **BB Mehta**, Chief Engineer (SLDC), GETCO
17. **Ravi Arora**, Head- HVDC Projects India and South East Asia, ABB