

## Country Statement of Nepal

### Item 3: Follow up on the Ministerial Declaration on Regional Cooperation for Energy Transition towards Sustainable and Resilient Societies in Asia and the Pacific of the Second Asian and Pacific Energy Forum:

#### c) Regional roadmap on power system connectivity: entitled “Promoting cross-border electricity connectivity for sustainable development”.

- ✚ Cross border transmission line is the primary requirement for the sustainable development of hydropower in Nepal.
- ✚ Building trust for cross-border energy connectivity should start from the bilateral dialogue. Nepal has made the power trade agreement with India and separate MOU regarding power cooperation with Bangladesh, China, Qatar and Austria are in place. There are bilateral mechanisms formulated for the discussion and study of power trade, generation and cross-border transmission line.
- ✚ We have the sub-regional mechanisms such as SAARC, BIMSTEC and BBIN to study and explore the way out for cross-border energy connectivity. UNESCAP may coordinate with these sub-regional institutions to further way out the connectivity mechanism in the region. A regional meeting on grid integration might be useful.
- ✚ The policy and regulatory frameworks for transmission planning and operation system should be harmonized and institutionalized in the coordinated way. The preparation of regional grid master plan and the mapping of the region’s existing high voltage transmission network will help the energy connectivity issue.
- ✚ It should be extended the networking of sub-regional intergovernmental institutions to reach the regional cooperation. The remaining sub-regional networks shall be created as soon as possible and the analytical study of gaps in grid policies and standards in each sub-region is required.
- ✚ Studies to evaluate the economic, social and environmental aspects of multilateral electricity trade will be useful.
- ✚ The capacity Building, sharing of information, data, learnings and sharing the best practices are also the major issues for the energy connectivity.