

**Note on Cooperation with Myanmar in Development of  
Hydropower Projects**

1. Myanmar has a huge hydro potential of about 100,000 MW, out of which about 39720 MW has been identified for development. Myanmar's major rivers run roughly north-south and include the Irrawaddy, the Chindwin (chief tributary of the Irrawaddy), the Sittang and the Salween, the longest undammed river in Southeast Asia.

The total capacity of hydropower projects in Myanmar in July, 2008 was about 1457 MW with likely hydro capacity addition of the order of 245 MW, 1103 MW and 340 MW during the years 2008, 2009 & 2010 respectively (<http://www.mmtimes.com/feature/energy08/eng005.htm>)

2. **Brief status of Hydropower Projects proposed to be developed in Myanmar with Indian Assistance:**

- 2.1 In Sept. 2008, an MoU was signed between NHPC and Deptt. of Hydro Power Implementation (DHPI), MoEP to study and appraise the Feasibility Report of Tamanthi (1200 MW) prepared by M/s. Colenco Power Engineering, Switzerland and Shwezaye (642 MW) prepared by Kansai Electric Power Company, Japan and suggest modifications & additional studies required for establishing the techno-commercial viability. Review Reports for these projects have been submitted by NHPC in Dec., 08 indicating additional/ confirmatory investigations essentially required for establishing the techno-commercial viability of these projects for preparation of Detailed Project Reports (DPRs) which were accepted by DHPI, Myanmar in May, 2009.
- 2.2 Subsequently, agreement was signed between MEA and NHPC in Jan., 2010 for undertaking additional/ confirmatory investigations & preparation of DPRs of Tamanthi and Shwezaye projects at a cost of Rs. 20 Crores each and a time schedule of 18 months.
- 2.3 Pending preparation of DPR, NHPC prepared and submitted Interim Report of Tamanthi Project (1200 MW) in Nov., 2010 and Shwezaye Project (660 MW) in April, 2011 which highlights the updated project parameters and expected cost of the projects.
- 2.4 Detailed Project Report (DPR) for Tamanthi Project of the Project in Oct., 2011 has since been prepared and submitted by NHPC. The same has been taken up for examination in CEA, CWC, GSI, CSMRS and MoWR on 29.12.2011 and is under advanced stage of examination.
- 2.5 As per DPR prepared by NHPC, the tariff for sale of power from Tamanthi H.E Project is likely to be of the order of Rs. 8.66/unit.
- 2.6 DPR for Shwezaye H.E Project (880 MW) has been submitted by NHPC on 30.04.2012.