

Visit to Tillari Dam



Earthen Dam at Tillariwadi

A Technical visit was conducted to the Tillari Dam, Maharashtra by the Goa State Centre, Institution of Engineers (India) under the aegis of CIVIL Engineering Division on 15th September 2014 to share the knowledge of construction activities and modern structures around in the vicinity.

Er. Anwar Khan of IEI welcomed the Members at the Institution Office at Altinho from where the members proceeded by bus to Tillari Dam in Maharashtra located at about 75 km distance.

Er. Jagdish Hosamani, Superintending Engineer, WRD, with the help of the model explained in detail the concept of the Tillari Dam being built by Government of Goa and Government of Maharashtra as a Joint Venture Project on river Tillari which is a west flowing river originating from Sahyadri ranges in Chandgad Taluka of Kolhapur District of Maharashtra on sharing costs and benefits of the Project.

The Planning Commission, GoI, accorded investment clearance for the Project at the latest estimate cost of the Project of Rs. 1612.15 Crore at 2008 price level. The liability of State of Goa is Rs. 1052.00 Crore, balance Rs. 560.15

Crore will be borne by the GoM.

The project consists of the following main components:

- Earthen dam 1035m in length and 72.50m height across river Tillari in Tillariwadi in Dodamarg Taluka of Maharashtra having storage of 447.29MCM.
- Masonry dam (Spillway) 278.5m in length and 40m height with 4 nos. of radial gates in the saddle.
- A Pickup weir on Kharari Nallah near village Terwanmedhe 274m in length with 7nos. of radial gates to utilize the tail race discharges of the Tillari Hydro-Electric Project.
- Irrigation-cum-Power Outlet tunnel (ICPO) 943m in length for generating 10MW hydropower.
- Canal System in Maharashtra State to irrigate an area of 6676 Ha and to benefit a population of 1.76Lakh.
- Canal System in Goa State to irrigate an area of 14521 Ha and to benefit a population of 3.90Lakh.

The presentation was followed by the site visit wherein all the participants could move to the Dam site, spillway, pickup weir and 10MW Hydropower Station. The members also visited the inspection gallery of pickup weir.

Er. Anwar Khan, Member of IEI, Goa State Centre, the convener of the program proposed the vote of thanks.

12 Members attended this visit.