

KAMENG H.E PROJECT (4x150 MW), ARUNACHAL PRADESH: STATUS AS ON 30.11.19

Kameng HE Project (600 MW) involves construction of 69.0 M high concrete gravity Dam across Bichom river and 24.50 M high Concrete Gravity Dam across Tenga river and a surface Power house on the right bank of river Kameng housing 4 nos. of Vertical Francis Turbines of 150 MW each. Design energy from the Project shall be 3353 MU at 95% machine availability.

Location	: West Kameng District, Arunachal Pradesh
Estimated Cost	: Rs. 2496.90 Crore at March 2004 PL
Revised Cost	: Rs. 7927.34 Crore (June'19 PL) (including IDC & FC of Rs.2480.22 Cr.).
Date of CCEA Clearance	: 02.12.2004
Original Completion Schedule	: December 2009
Tariff	: 1st Yr. Rs.4.46/ Unit, Levellised – Rs. 4.14/ Unit.
COD (Anticipated)	: Unit –I & II December, 2019. : Unit – III & IV June, 2020.
Cum. Expenditure up to 31.10.19	: Rs. 7642.67 Crores

Present Status of works:

- All major works required for commissioning of the project in March'2018 were completed by the last week of Feb'2018 and two hydro generating turbines of 150 MW each (Unit-I & Unit-II) were put on trial mechanical run on 08.03.2018 and 10.03.2018 respectively. However, leakages in the penstocks were noticed on 12th March 2018 and as a result penstock rectification works had to be undertaken which are presently in progress.
- Rectification works of Penstock – Unit # I completed and Unit # II are in progress.
- Mechanical Spinning of Unit - II was carried out from 18.11.2019 to 23.11.2019 and stopped after attaining full speed.
- The 400 kV D/C Kameng - Balipara Transmission Line has been charged by PGCIL. Bus-I and Bay-9 (400 KV) at KaHEP Switchyard had also been charged. Complete charging of the 400 KV Switchyard, 400 KV Reactors, 400/132 KVA Auto Transformers and 132 KV Switchyard have been completed.
- Presently, checking of various parameters and components etc. is being carried out for subsequent synchronization and commissioning.
- Targeted commissioning schedule of Units-I & II are likely to be during the month of December 2019 and Unit – III & IV likely to be commissioned in June 2020.