

## Status of Under Execution HEP(above 25 MW) Programmed for the year 2020-21

(As on 31.01.2021)

Sl. No.	Name of Project Executing Agency Date of CEA clearance / Approval Capacity (MW) Broad Features Cost (original/latest) In Rs. Crores.	State Comm. Sch. (original/ Now Ant.	Broad Present Status / Critical Area	Remarks/ Critical issues
	<b>Central Sector</b>			
1	<b>Kameng</b> NEEPCO 02.12.2004 4x150 = 600 MW (3 units in operation, 1 units under construction) <b>Broad Features:</b> Dam :Bichom-69m High, 247.3m long. Tenga – 24.4 High, 103m long. HRT- 6.7m dia, 14.45 km. High Pressure Tunnel (HPT)Total length 3.64 km Surge Shaft: 25m dia, 70m Height P.House- semi-U/G Turbine- Francis  <b>Cost:</b> Original: 2496.90 Latest: 7927.34 <b>Contractors</b> Civil : Patel HM : Om Metals & JSC JV E&M : BHEL	Arunachal Pradesh  2009-10 2020-21 (Feb'21)	All major works related to commissioning of project completed. All Units Boxed up. Leakage observed in penstocks during water filling in March, 2018. Thereafter, complete NDT of all joints of pressure shaft / penstock is in progress along with rectification of defects.  Progress of Rectification :-  <b>Penstock-1 :-</b> Rectification / Repair works completed.  <b>Penstock -2 :</b> Rectification / Repair works completed.  <b>Unit # 1 , 2 &amp; 3 taken as Capacity addition on</b> <b>10.02.2020 ,03.02.2020 &amp; 21.01.2021 respectively.</b>	Rectification / repair works of penstock 2 to be expedited by M/s. Om Metals / NEEPCO.
	<b>Private Sector</b>			
2.	<b>Rongnichu</b> Madhya Bharat Power Corporation Ltd. 01.10.2008 2x48= 96 MW <b>Broad features :</b> Barrage : Height 14m, length 120.00m Desilting Basin : Size (60Lx18Wx7H)m. HRT : Horse shoe type, 12.302km, 4.00m dia Surge shaft : 85m high, 10m dia, orifice dia 1.7m Pressure shaft : 3.0m dia, 415m long steel lined Penstock 812m long Power house : Surface (61.5Lx47.75Wx38.0H)m Turbine : Pelton, vertical shaft, 2nos. <b>Cost : Original : 491.32</b> <b>Latest : 1453.34</b> <b>Contractors</b> Civil & HM : Sew E&M : Voith	Sikkim  2014-15 2020-21 (Mar'21)	The civil works have been re-awarded to M/s Moshvaraya Infrastructure Ltd. and E&M works to M/s Litosroj Power, Slovania & CG Electric system, Hungary. <b>Barrage:</b> Excavation & concreting completed. <b>HRT:</b> Excavation completed. Overt lining 175m and Invert lining 2km is balance. <b>Surge shaft:</b> Excavation & Concreting completed. <b>Pressure Shaft:</b> 1330 m out of 1426.50m of steel lining is completed. <b>Power House:</b> Excavation & concreting completed. <b>E&amp;M works:</b> <b>Unit #1 :</b> Erected.. <b>Unit #2 :</b> Erection in progress. Overall Physical progress: 97% .	-Non availability of Testing and commissioning foreign engineers as they left the project site during Covid- 19.