

Kameng HEP (600 MW) and Lower Subansiri HEP (2000 MW)

- **Part-A: North East–Northern/ Western Interconnector – I**
 - (i) Biswanath Chariyali – Agra + 800kV, 6000MW HVDC bipole line – 1971 km
 - (ii) Balipara – Biswanath Chariyali 400kV D/C line – 73 km
 - (iii) LILO of Ranganadi – Balipara 400kV D/C line at Biswanath Chariyali (Pooling Point) – 52 km
 - (iv) Biswanath Chariyali – Biswanath Chariyali (AEGCL) 132 kV D/C – 22 km
 - (v) Establishment of 400/132 kV Pooling Station at Biswanath Chariyali with 2x200MVA, 400/132/33 kV transformers alongwith associated line bays
 - (vi) HVDC rectifier module of 3000MW at Biswanath Chariyali and inverter module of 3000MW capacity at Agra
 - (vii) Augmentation of 400 kV Agra substation by 4x105 MVA, 400/220/33 kV transformer alongwith associated bays

- **Part-B: Transmission System for immediate evacuation of power from Kameng HEP**
 - (i) Kameng – Balipara 400kV D/C line – 65 km
 - (ii) Balipara – Bongaigaon 400kV D/C line (Quad conductor) with 30% Fixed Series Compensation at Balipara end – 300 km
 - (iii) 2nd 315 MVA, 400/220kV ICT at Misa

- **Part-C: Transmission System for immediate evacuation of power from Lower Subansiri HEP**
 - (i) Lower Subansiri – Biswanath Chariyali (Pooling Point) – 2 x 175 km
400 kV two (2) D/C lines with twin lapwing conductor