

Kameng hydro project

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Recently, the 600 MW Kameng Hydro Power Station (HPS) was inaugurated by the Prime Minister of India.



[Ref: PIB]

- The HPS is **constructed on the Kameng River** in **Arunachal Pradesh**.
- The project has two dams and a powerhouse having **4 units of 150 MW**.
- It is **commissioned by NEEPCO Ltd**, a Government of India enterprise and a wholly owned **subsidiary** of the **Maharatna, NTPC Ltd**.
- **Significance:**
 - The project will **make Arunachal Pradesh a power surplus state** with huge benefits to the National Grid in terms of grid stability and integration and balancing of solar and wind energy sources in the grid.
 - It is a major **step towards fulfilling Nationally Determined Contribution (NDC)** of the Government of India pledged under Paris Agreement 2015 and will form part of **projected hydro capacity addition of 30000 MW by 2030**.

Kameng River:

- **Origin:** A glacial lake below snow-capped Gori Chen Mountain in Tawang District, Arunachal Pradesh.
- It becomes a **braided river in its lower reaches**.
- It is one of the **major tributaries of the Brahmaputra River**, joining it at Tezpur.