



Expansion of Tenughat Thermal Power Station

Why in News?

State-owned Coal India Limited (CIL) arm **Central Coalfields Limited** is exploring avenues to form a **joint venture with the Jharkhand government** for the second phase of expansion of Tenughat Thermal Power Station (TTPS) in the state.

- The total installed **capacity of the thermal station is 420 Megawatt (MW)** having two units of 210 MW capacity each.

Key Points

- The first unit of 210 MW was put under commercial operation in September 1996 and second unit in September 1997.
- Tenughat Vidyut Nigam Limited (TVNL) intends to set up 2X660 MW coal fired supercritical units of extension project (Stage II) at the TPS located at Lalpania in Bokaro district of Jharkhand.
- Two panels would be constituted, which will work out the modalities, including percentage of partnership by both parties in the joint venture.

Central Coalfields Limited (CCL)

- CCL was formed on November 1, 1975. It is a **mini-Ratna central public sector enterprise**.
- It was **one of the five subsidiaries of CCL** which was the first holding company for coal in the country.
- CCL produced 76.09 million tonnes of coal in FY 2022-23. The **production target for the company for the current FY 2023-24 is 84 million tonnes**.

Tenughat Thermal Power Station (TTPS)

- It is a coal-based thermal power plant **located at Lalpania in Bokaro district in the Indian state of Jharkhand**.
- The power plant is owned by Jharkhand State owned Tenughat Vidyut Nigam Limited.