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Cabinet Approves First Hydro Power Project in Lohit Basin (Arunachal Pradesh)

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The Union Cabinet, chaired by Narendra Modi, has approved the first hydroelectric project in the Lohit Basin of Arunachal Pradesh with an estimated cost of ₹14,105 crore. This marks a significant step towards harnessing the hydropower potential of Northeast India.

Key Features of the Project

Location: Lohit River Basin, Arunachal Pradesh

Type: Hydroelectric Power Project

Estimated Cost: ₹14,105 crore

This is the first major hydropower project in the Lohit Basin, indicating the beginning of large-scale energy development in the region.

About Lohit River:

Lohit River is a tributary of the Brahmaputra River

Originates in eastern Tibet (China)

Flows through Arunachal Pradesh before joining Brahmaputra in Assam

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Known for its high hydropower potential due to steep gradients

Additional Key Facts

India has a total hydropower potential of ~145 GW, but only partially utilized

Arunachal Pradesh holds ~40% of India's hydropower potential

Hydropower is classified as renewable energy

Key benefits of hydropower:

Low carbon emissions

Long project life

Grid stability support

Related initiatives:

National Hydropower Policy (2019)

Push for small and large hydro projects in Northeast