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Narendra Modi Inaugurates 3 Mega Hydro Projects in Himachal Pradesh - Important (Download PDF)

(September 6, 2017)

Prime Minister Narendra Modi inaugurated three hydroelectric projects (HEPs) with a generating capacity of 1,732 MW in Himachal Pradesh. These 3 power projects use generating equipment supplied and commissioned by state owned Bharat Heavy Electricals Limited (BHEL).

 Prime Minister Narendra Modi

Prime Minister Narendra Modi

- Narendra Modi addressed a rally in Mandi town.

Three Hydro-Electric Projects

This project will collectively play expand the Hydropower sector of Himachal Pradesh.

- **Koldam HEP:** It is 800MW capacity project executed by National Thermal Power Corporation (NTPC) in Bilaspur district.
- **Parbati HEP:** It is Stage-III project with a capacity of 540 MW of National Hydropower Corporation (NHPC) in Kullu district.
- **Rampur HEP:** It is 412 MW capacity project of Sutlej Jal Vidyut Nigam (SJVN) Rampur project in Shimla district.

BHEL's Contribution

- Huge experience in hydroelectric projects (HEPs).
- More than 500 hydro-generating sets have been contracted by BHEL with a cumulative capacity of more than 29,000 MW of different ratings in India and abroad.
- Hydro installations are in operation in India and also in other countries like Bhutan, Malaysia, Azerbaijan, Nepal, Tajikistan, Taiwan, Rwanda and Vietnam.

Importance of Hydro-Projects

- Hydropower is generated by hydro-projects.
- It is a renewable source of energy.
- This project does not consume water for generation of electricity but only utilizes the potential energy of the water.
- Hydro-projects not produce greenhouse gas emission achieving the low carbon path.
- Hydropower potential of around 1, 45,000 MW is in India and it has 60% load factor.
- Only around 26% of Hydropower capacity is currently exploited in India.

 Location of Mandi and HEP

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