







hydroelectricity

Telegram -

MULTIPURPOSE PROJECT- Bhakhra Nangal Project

- Its a joint venture of Punjab, Harayana, Rajasthan.
- Its is India's biggest multi-purpose river valley project so far completed at a cost of Rs.236 Cr.
- It consists of a straight gravity dam, 518 mts long & 226 mts high across the Sutlej at Bhakhra.
- The Bhakhra dam impounds 986.8 Cr cubic mts of water.
- The canal system of the project is now irrigating 14.8 lakh hectares.
- It generates 1204 MW electricity.

MULTIPURPOSE PROJECT-Chambal Project 🏑

- The Chambal project being jointly executed by M.P & Rajasthan.
- In the 1st stage, the Gandhi Sagar dam & its 115 MW power station & the Kota barrage were completed.
- The Rana Pratap Sagar dam with a power house of 172 MW capacity was constructed in the 2nd stage.
- The 3rd stage comprises the construction of the Jawahar Sagar dam & 99 MW power station.
- With the completion of all the stages, the project will generate 386MW of power.



MULTIPURPOSE PROJECT- Damodar Valley Project

- This project conceived for the unified development of irrigation, flood control & power generation in W.B & Jharkhand. N
- The project is administered by the Damodar Valley Corporation established in 1948 V
- The irrigation potential of the project is about 5.51 lakh hectares & its installed power generation capacity is 1181MW
- It is designed on the lines of Tennesse Valley Authority in the USA.



MULTIPURPOSE PROJECT- Indira Gandhi Canal

- It is one of the biggest irrigation project in the world. \checkmark
- began in 1958 as Rajasthan Canal. 🗸
- it will provide irrigation facility to N.W region of Rajasthan a part of Thar desert.
- The project which use water from the Pong dam consists of 215 km long Rajasthan feeder canal & 445 km long Rajasthan main canal lying entirely in Rajasthan.
- The project will ultimately irrigate about 14.5 lakh hectares.



MULTIPURPOSE PROJECT-**Hirakud**

- The 4801.2 mts long main Hirakud dam in Orissa is on the river Mahanadi.
- its world's longest dam.
- The project migrates irrigation an area of 11.98 lakh hectares.
- its present installed power generation capacity is
 27.2MW.



longest Dam Hirra Kud

MULTIPURPOSE PROJECT- Nagarjuna Sagar Project

- It is undertaking of the government of A.P. for utilizing the water of the Krishna river.
- It was inaugurated on Aug 4 1967.
- It is suited near Nandikonda Village in Miryalguda Taluk of Nalagonda District.
- It is of 1450 mts long & 92 mts high dam.



MULTIPURPOSE PROJECT-Tungabhadra Project

- It is a joint undertaking by the government of A.P & Karnataka. 🗸
- it comprises a 2441 mt
- it irrigates about (10.22) hectres land.



MULTIPURPOSE PROJECT- Almatti Dam Project

- Located on the Krishna River in the <u>Bijapur district</u> of Karnataka
- Main reservoir of the Upper Krishna Project
- HEP 290 MW 📈

752.25 m high and 1565.15 m long.

Bansagan Dulhasti

Gandak

Ghatprobla

Son

Chenab J2K

Keni Yan

Bihm, UP MP **MULTIPURPOSE PROJECT-**Shivanasamudra Dam

Gandak Bihn, UP · Shivanasamudra Dam (1902) Ghafprabha Karnatownis located on the Kaveri River.

It was built in Karnataka during the British era and was designed by Diwan Sheshadri lyer.

Domodan Vorley 110348/1W

1902





WBCS OFFLINE BATCH STARTS FORM 26TH FEBRUARY TIMING - 1:30-5:30PM BOOK YOUR SEAT NOW 9230141497/8017652045/6386903177/6291322109