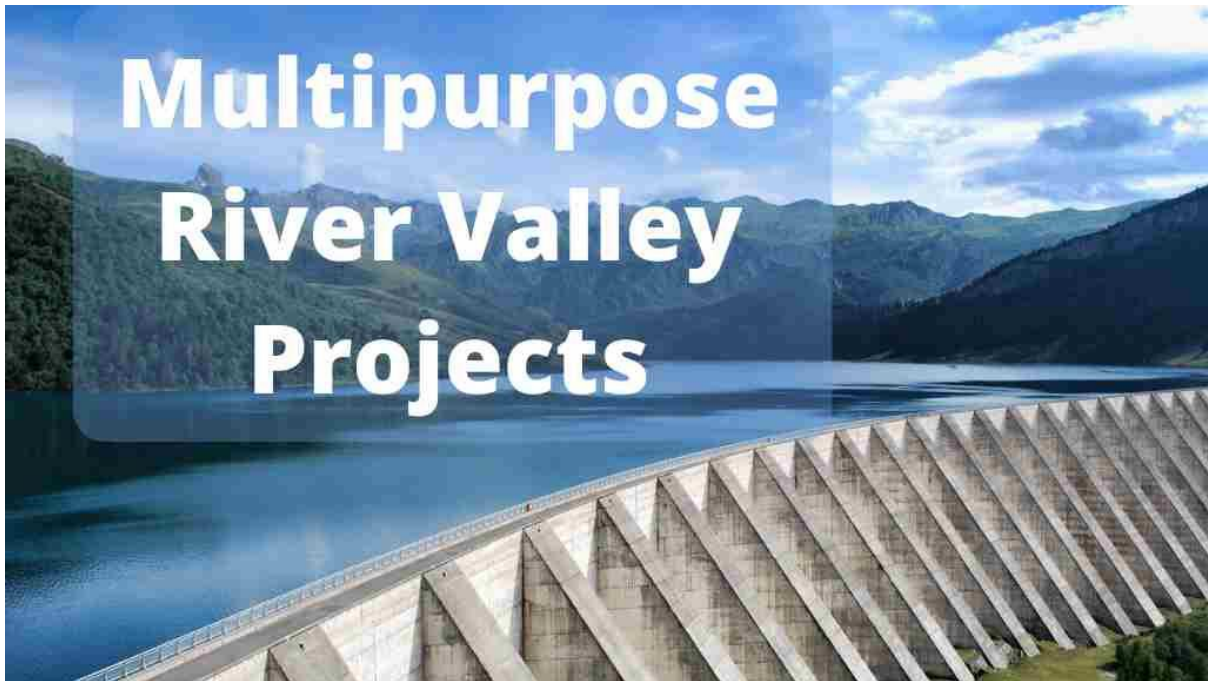


Multi-Purpose River Valley Projects in India



- Multipurpose river valley projects are water resources projects planned for various purposes like irrigation, hydropower generation, water supply for drinking and industrial purposes, flood control, and navigation.
- Multipurpose river valley project are basically designed for the development of irrigation for agriculture and electricity through the construction of dams. Initially, dams were built only for storing rain water to prevent flooding but now it became multipurpose.
- In this article, we will provide important river-valley projects & beneficiary states useful for all candidates for revision and making notes.

Bhakra Nangal Project

- It is the biggest multi-purpose river valley project in India and the world's highest straight gravity dam (225.5 m high) which is built on the Satluj river by the joint venture of Punjab, Haryana & Rajasthan.
- The dam forms the **Govind Sagar Reservoir** which is the third largest reservoir in India after the Nagarjuna Sagar and the Indira Sagar Reservoir.
- It generates 1204 MW of electricity The canal system of the project is now irrigating 14.8 lakh hectares.

Damodar Valley Project

- Damodar Valley Corporation (DVC) is the power generated river project built on the Damodar river in West Bengal and Jharkhand state of India.
- This river project was set up in the year 1948 as the “first multi-purpose river valley project of Independent India”.
- DVC developed and expanded its infrastructure to 6 thermal power stations (6750 MW) and 3 hydro-electric power stations with a capacity of 147.2 MW.

Multi-Purpose River Valley Projects in India

Project	River	Purpose	Beneficiary States
Mandi project	Beas	Irrigation	Himachal Pradesh
Bhakra Nangal project	Sutlej	Power & Irrigation	Punjab, Himachal Pradesh, Haryana & Rajasthan
Beas project	Beas	Power & Irrigation	Punjab, Himachal Pradesh, Haryana, Rajasthan
Indira Gandhi Canal project	Sutlej, Beas & Ravi	Irrigation	Rajasthan, Punjab & Haryana
Thein project	Ravi	Irrigation	Punjab
Damodar Valley project	Damodar	Flood Control, Power	Jharkhand & West Bengal
Durgapur Barrage	Damodar	Navigation & Irrigation	Karnataka,
Hirakud project	Mahanadi	Power & Irrigation	Odisha
Mahanadi Delta	Mahanadi	Irrigation	Odisha
Tehri Dam project	Bhagirathi	Hydroelectricity	Uttarakhand
Rihand project	Rihand	Hydroelectricity	Uttar Pradesh
Tungabhadra project	Tungabhadra	Power & Irrigation	Andhra Pradesh & Karnataka
Nagarjuna Sagar project	Krishna	Power & Irrigation	Andhra Pradesh & Telangana
Gandak river project	Gandak	Power & Irrigation	Bihar, U.P & Nepal
Kosi project	Kosi	Flood Control, Power	Bihar & Nepal
Farakka project	Farakka	Navigation	West Bengal

Chambal project	Chambal	Power & Irrigation	Madhya Pradesh & Rajasthan
Ukai project	Tapi	Power & Irrigation	Gujarat
Mahi project	Mahi	Irrigation	Gujarat
Tawa project	Tawa	Irrigation	Madhya Pradesh
Malaprabha project	Malaprabha	Irrigation	Karnataka
Idukki project	Periyar	Hydroelectricity	Kerala
Tata Hydrel project	Bhima	Hydroelectricity	Maharashtra
Koyna project	Koyna	Hydroelectricity	Maharashtra