

About – Ken Betwa Link Project: -

The Ken-Betwa link project envisages diversion of surplus water of Ken basin to water short areas of Betwa basin by substitution. The Ken-Betwa link project will be implemented in two phases.

In **Phase-I** a 77 m high dam, namely Daudhan is proposed across river Ken, about 2.5 Km upstream of existing Gangau Weir. Dead and full reservoir levels are 240 m & 288 m respectively. The dead and gross storage capacities are 169 MCM and 2853 MCM respectively. Two power houses, one at the toe of the dam and other at the outlet of lower level tunnel are also proposed to generate power. The total length of the link canal will be 221 Km including 2 Km tunnel.

Annual gross yield of Ken basin upto Daudhan dam being 6590 MCM, the state of M.P. shall utilise total of 2350 MCM (83 TMC) while the state of U.P. shall utilise total of 1700 MCM (60 TMC) annually from Ken system. Total use of water from Daudhan reservoir is 4543.52 MCM which includes domestic and industrial use and environmental releases. Out of 2035 MCM of balance water available, 436 MCM is proposed to be utilised directly from reservoir for Panna and Damoh district of MP to proposed Saleha Lift Irrigation Scheme. The surplus water to be diverted through the link is 1377 MCM annually which will be used through Ken-Betwa link canal including 220.77 MCM to be utilised at a pumping station at RD 18 km., the remaining 222 MCM of water in extreme monsoon season will be available as spill water in the river. Further, 1010.51 MCM of water to be utilised to irrigate an enroute command area of 1,93,899 ha. and 94.79 MCM proposed for drinking purpose in the enroute. The remaining 50.93 MCM of water is released to Betwa river through link canal in the upstream of Parichha Weir which will be used in Lalitpur district of UP for drinking and irrigation purpose.

In **Phase-II**, Lower orr dam, Kotha Barrage and Bina Complex Projects were included to meet the water requirement of water short areas of Betwa basin within allocated water to MP at Rajghat Dam.

The project is expected to provide annual irrigation of 10.62 lakh ha. (M.P. 8.11 lakh ha, UP 2.5 lakh ha), drinking water supply to about 62 lakh (MP 41 lakh, UP 21 lakh) people and also generate 103 MW of hydropower and 27 MW solar power generation. A part of the power generation will be utilized to develop micro irrigation in the project.

KBLP mainly envisages to provide irrigation and domestic water supply facilities to drought prone areas namely Chhatarpur, Tikamgarh, Panna, Damoh, Vidisha, Sagar, Shivpuri, Datia & Raisen districts of MP and Mahoba, Banda, Jhansi & Lalitpur districts of UP.

This project will be constructed in a period of 8 years in two phases.