

KOYNA HYDRO ELECTRIC PROJECT (STAGE V) (400 MW)
(Pumped Storage Scheme)
Tq. Patan Dist. Satara

Humbarli Pumped Storage Scheme basically known as Koyna Hydro Electric Project (Stage V) is proposed to generate 400 MW of electricity by utilizing a natural head of about 324m available on right bank of existing Shivaji Sagar Reservoir (Koyna Dam).

To prepare Preliminary Investigation Report (PIR) of this scheme, Govt. Of Maharashtra Water Resources Department is seeking permission for Survey & Investigation over an approximate area of 157Ha. Which involves survey work using advance technologies such as DGPS (Differential Global Positioning System) and Total station and also taking total 35 numbers of trial bore holes of 7.62 cm (3") dia. for foundation exploration and detailed investigation purpose.

The proposed site location for Survey and investigation of project falls partially within Protected area and partially within Buffer zone of Sahyadri Tiger Reserve and inside deemed ESZ of the of Koyna wildlife sanctuary.

During Survey and investigation clearing of bushes need to be done while set up instruments, other than this any additional vegetation probably will not be required. After execution of Survey & Investigation work, we will able to identify the actual potential and project's design aspects to derive the feasibility of this project.