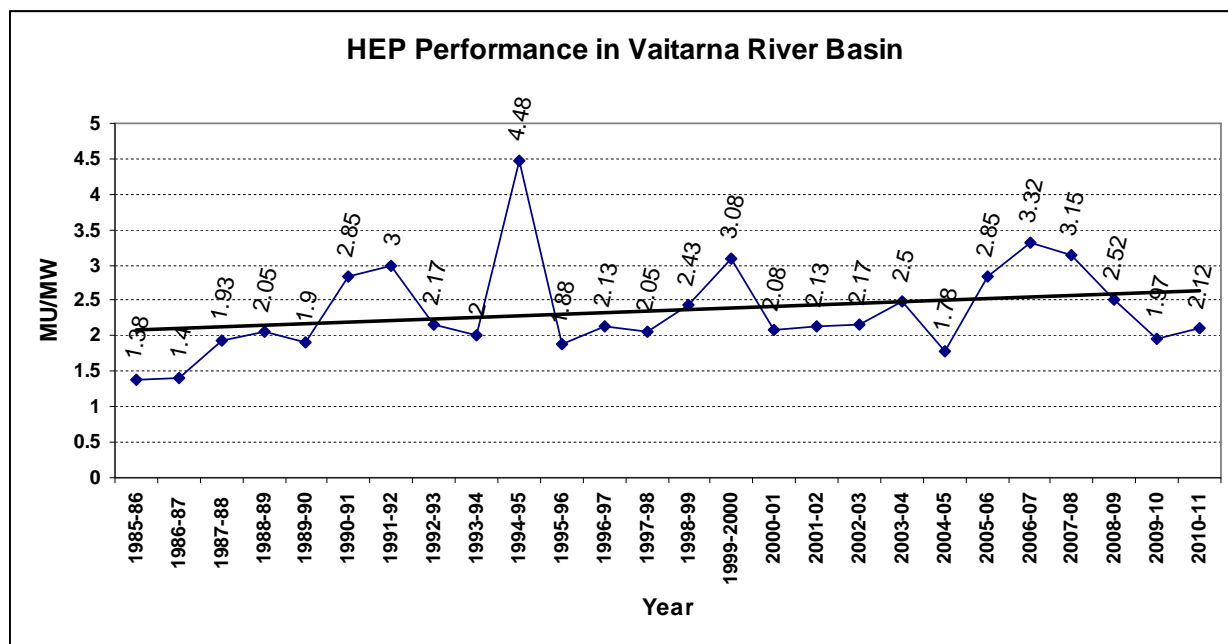


Hydropower Generation Performance in Vaitarna Basin

The Vaitarna or Vaitarni River originates from Tryambak hills in Nashik district, opposite to the source of Godavari. The River flows across Shahapur, Vada and Palghar talukas and enter the Arabian Sea through a wide estuary off Arnala. Vaitarna River is 154 km long and has a drainage area that practically covers the entire northern part of the district. The project wise generation data of large hydro with installed capacity of the basin in the latest year 2010-11.

Projects	Inst Capacity (MW)	Generation (MU)	MU/MW
Vaitarna	60	127	2.12
Total	60	127	2.12



- The above graph shows the trend line of power generation of Big Hydropower projects for last 26 years in the basin, the trend-line shows generation from existing hydro power project of Vaitarna River Basin.
- It shows that the per MW generation in 2010-11 (2.12) has dropped by a huge 52.68% from the highest per MW generation (4.48) achieved in the year 1994-95.
- All generation figures have been taken from official data of Central Electricity Authority (CEA).