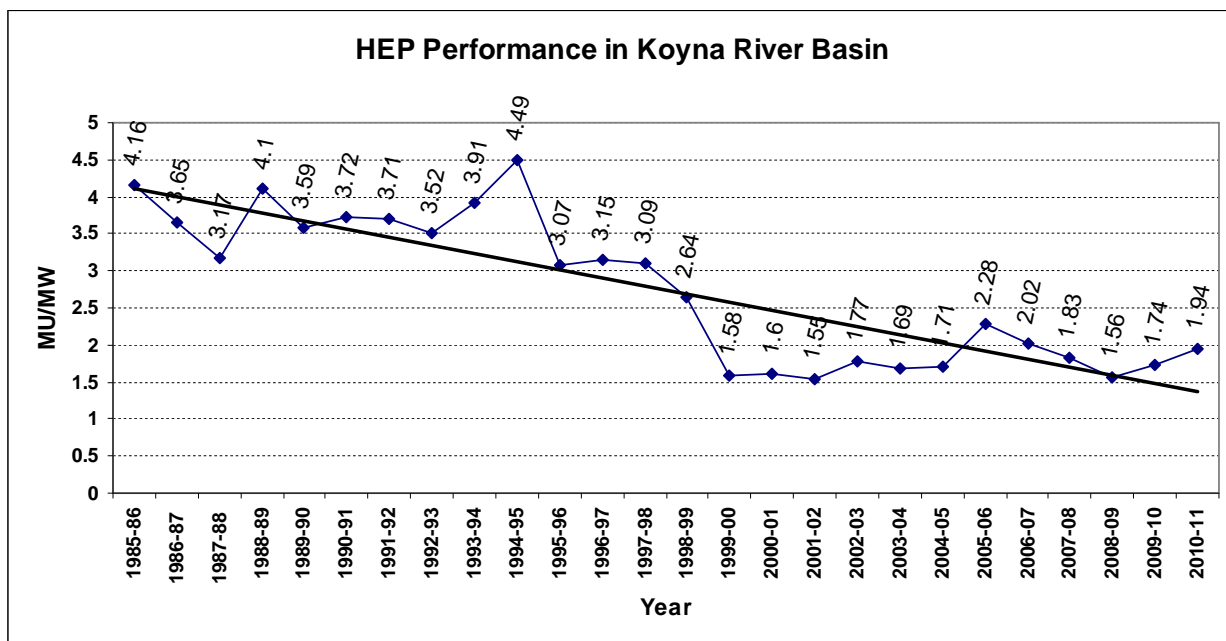


## Hydropower Generation Performance in Koyna Basin

The Koyna River rises in Mahabaleshwar in the Western Ghats and is a tributary of the Krishna River in western Maharashtra, India. 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
Koyna Ph-I	260	3697	1.93
Koyna Ph-II	300		
Koyna Ph-III	320		
Koyna Ph-IV	1000		
Dam Foot Powerhouse	40		
Koyna DPH	36	92	2.56
<b>Total</b>	<b>1956</b>	<b>3789</b>	<b>1.94</b>



- 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 diminishing generation from existing hydro power projects of Koyna River Basin.
- It shows that the per MW generation in 2010-11 (1.94) has dropped by a huge 56.79% from the highest per MW generation (4.49) achieved in the year 1994-95.
- All generation figures have been taken from official data of Central Electricity Authority (CEA).