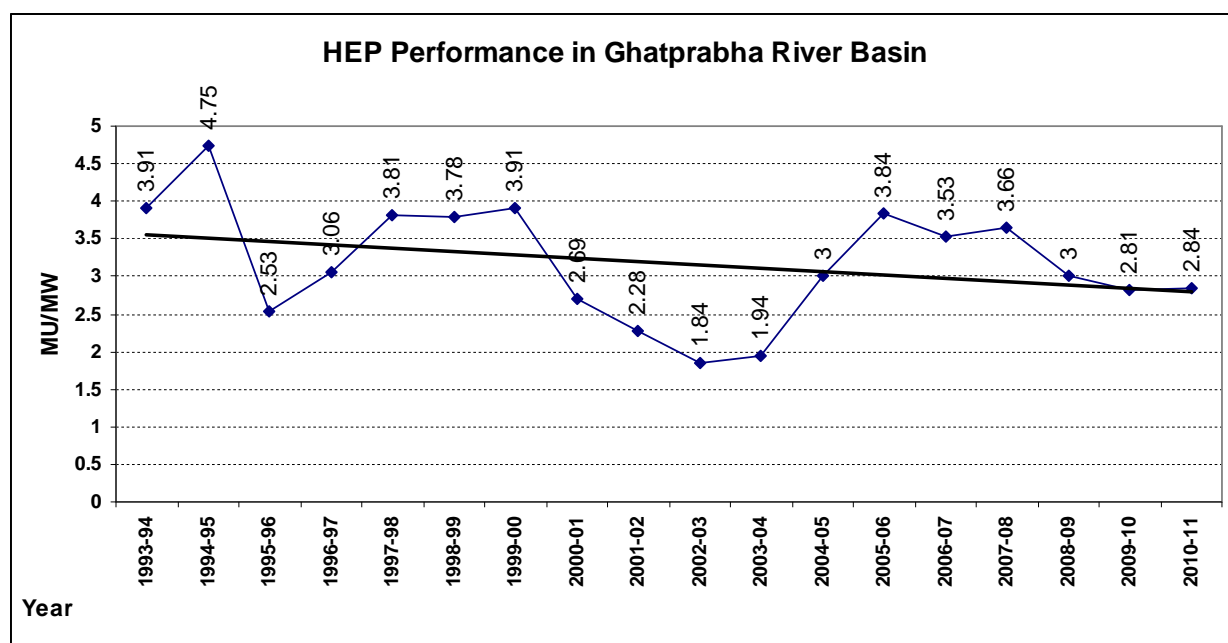


## Hydropower Generation Performance in Ghatprabha Basin

Ghatprabha River is the important tributary of Krishna River. Ghatprabha River originates in the Western Ghats and flows eastward for a distance of 283 kilometers before its confluence with the Krishna River at Almatti. The river basin is 8,829 square kilometers wide and stretches across Karnataka and Maharashtra states. 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
Ghatprabha	32	91	2.84
<b>Total</b>	<b>32</b>	<b>91</b>	<b>2.84</b>



- The above graph shows the trend line of power generation of Big Hydropower projects for last 18 years in the basin, the trend-line shows diminishing generation from existing hydro power projects of Ghatprabha River Basin.
- It shows that the per MW generation in 2010-11 (2.84) has dropped by a huge 40.21% from the highest per MW generation (4.75) achieved in the year 1994-95.
- All generation figures have been taken from official data of Central Electricity Authority (CEA).