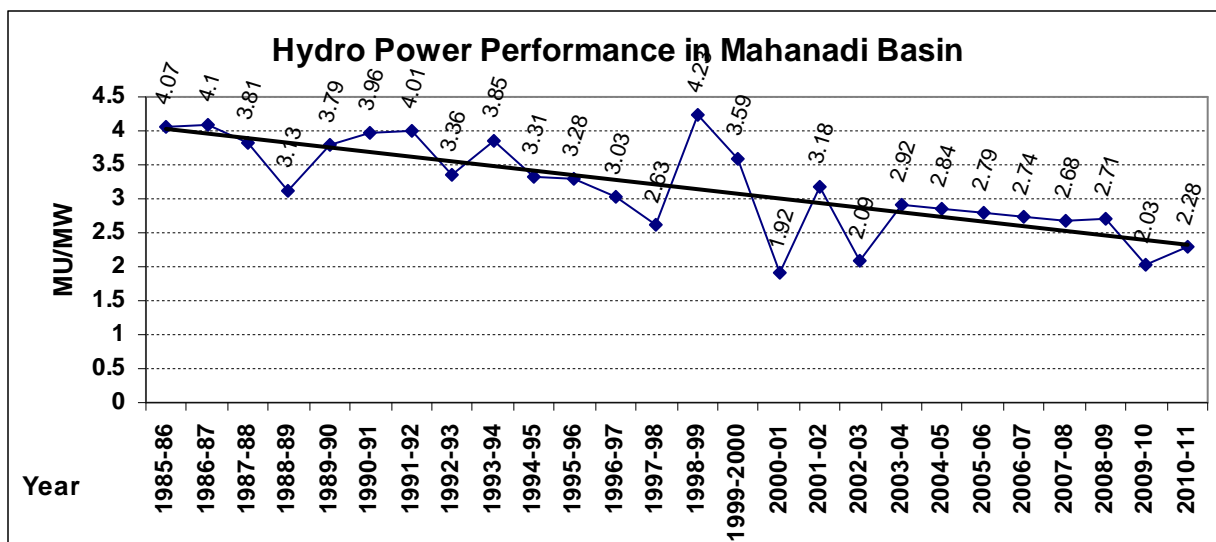


Hydropower Generation Performance in Mahanadi Basin

The Mahanadi river originates from Chhattisgarh and flows through the states of Chhattisgarh and Orissa. 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
Gangrel	120	125	1.04
Hirakud	347.5	939	2.70
Total	467.5	1064	2.28



- 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 Mhanadi River Basin.
- It shows that the per MW generation in 2010-11 (2.28) has dropped by a huge 46.10% from the highest per MW generation (4.23) achieved in the year 1998-99.
- All generation figures have been taken from official data of Central Electricity Authority (CEA).