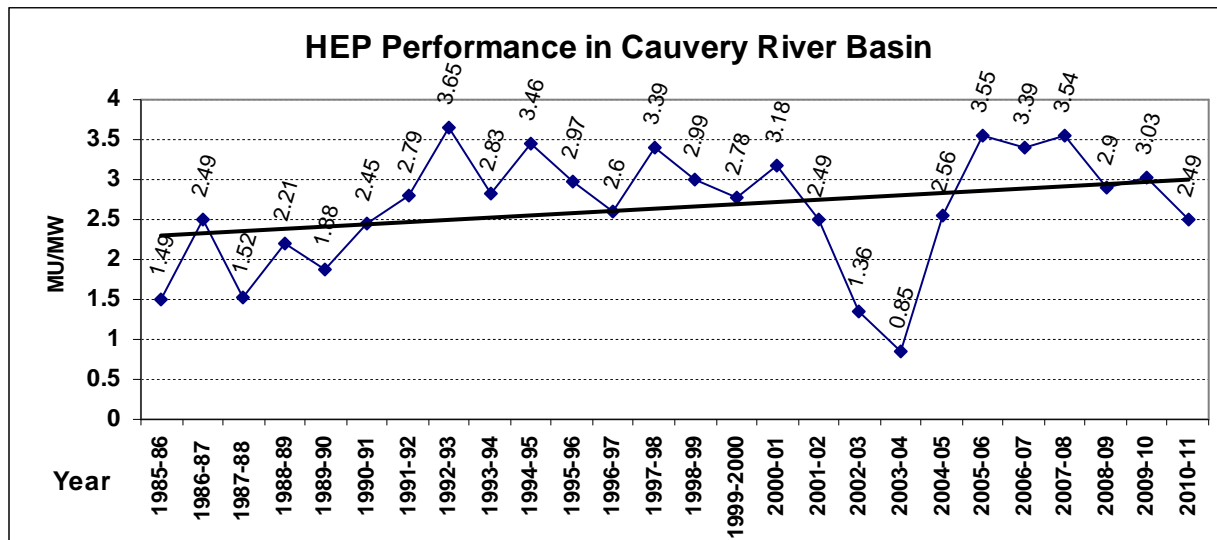


Hydropower Generation Performance in Cauvery Basin

The river Cauvery is an Inter-State river in Southern India that runs across three of the southern Indian states i.e. Karnataka, Tamil Nadu, Kerala and a Union Territory of Puducherry. The fourth largest river of southern region flowing east and running into the Bay of Bengal. The Cauvery rises at Talakaveri on the Brahmagiri Range of Hill in the Western Ghats, presently in the Coorg district of the State of Karnataka. The catchment area of entire Cauvery Basin is 81,155 sq. km. 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
Shivasamudram	42	313	7.45
Mettur Dam	240	361	1.5
Lower Mettur	120	263	2.19
Kundah	555	1502	2.71
Moyar	36	156	4.33
Parson's Valley	30	37	1.23
Bhawani Kattal	30	72	2.4
Pykara Dam	61.2	31	0.51
Pykara Ultimate	150	432	2.88
Total	1264.2	3167	2.51



- 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 projects of Cauvery River Basin.
- It shows that the per MW generation in 2010-11 (2.49) has dropped by a huge 31.78% from the highest per MW generation (3.65) achieved in the year 1991-92.
- All generation figures have been taken from official data of Central Electricity Authority (CEA).