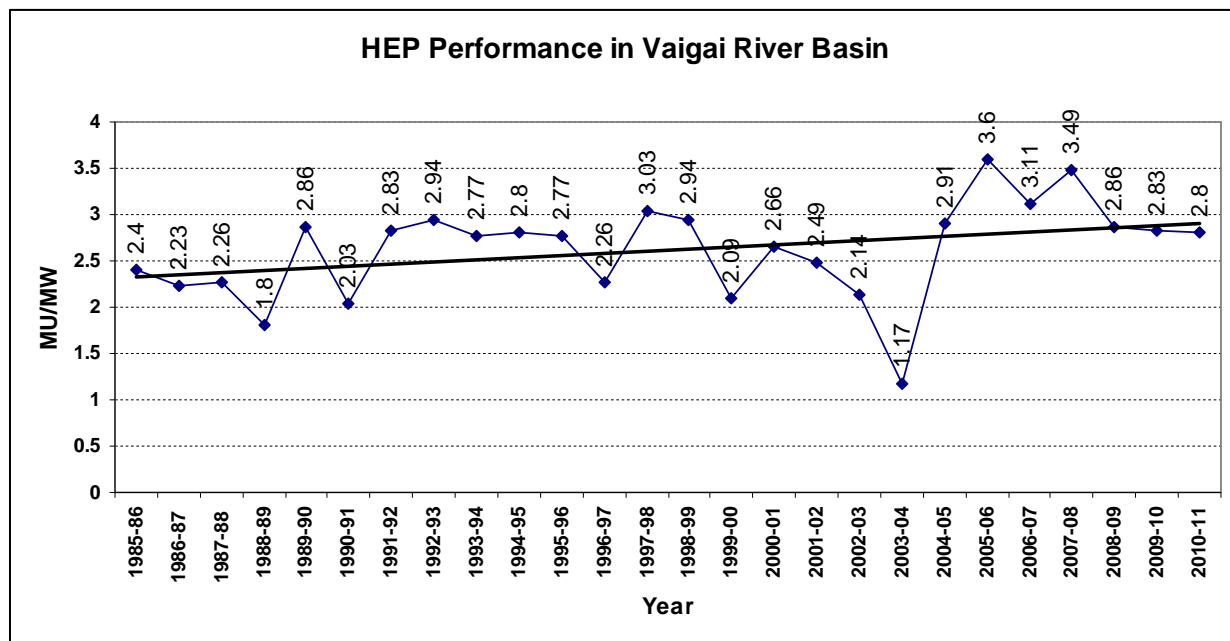


Hydropower Generation Performance in Vaigai Basin

The Vaigai river originates in the Periyar Plateau of the Western Ghats range, and flows northeast through the Kambam Valley, which lies between the Palni Hills to the north and the Varushanad Hills to the south. As it rounds the eastern corner of the Varushanad Hills, the river turns southeast, running through the region of Pandya Nadu. The river empties into the Palk Strait in Ramanathapuram 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
Suruliayar	35	98	2.8
Total	35	98	2.8



- The above graph shows the trend line of power generation of Big Hydropower project for last 26 years in the basin, the trend-line shows generation from existing hydro power projects of Vaigai River Basin.
- It shows that the per MW generation in 2010-11 (2.08) has dropped by a huge 22.22% from the highest per MW generation (3.6) achieved in the year 2005-06.
- All generation figures have been taken from official data of Central Electricity Authority (CEA).