

THE POWER SCENARIO OF INDIA

Maharashtra is the largest power generating state in India with the largest electricity system capacity. As on 31st October, 2016, the installed capacity of Maharashtra is 39984 MW, which is 13.01 per cent of the total installed capacity in India. It comprises of 29292 MW thermal (73.25%), 3331.84 MW Hydro (8.33%), 6669 MW Renewable Energy (16.67%) and 690.14 MW of Nuclear Energy (1.72%). The main source of power generation in Maharashtra is fossil fuels such as coal and natural gas. A little is being contributed by the hydro and nuclear energy sources. (Source: Central Electricity Authority (CEA))

Sector wise Energy Consumption is tabulated below:

Sr.No.	Type	2013-14 (MUs)	2014-15 (MUs)
1	Industrial	38949	41522
2	Agriculture	21725	26407
3	Domestic	23679	25428
4	Commercial	12469	12504
5	Public Services	3634	4183
6	Railways	2389	2443
7	Miscellaneous	144	368
8	Total	102989	112855

Source: Maharashtra Economic Survey

Potential for Energy Conservation in the State

SECTOR / INDUSTRY	CONSERVATION POTENTIAL (%)	POSSIBLE SAVING IN MUS (ANNUAL)
Industrial Sector	Up to 25	10380
Agriculture Sector	Up to 30	7922
Domestic Sector	Up to 20	5085
Commercial Sector	Up to 30	3751
	TOTAL	27138

Source: Report by National Productivity Council (NPC)

* EQUIVALENT TO 3971 MW AVOIDED CAPACITY