

THE POWER SCENARIO OF INDIA

The All India aggregate installed capacity of electric power generating stations under various utilities as on 31.03.2011 was 1,73,626.40 MW comprising 37567.40 MW of hydro, 112824.48 MW of thermal, 4780 MW of nuclear and 18454.52 MW Renewable Energy Sources (RES). The percentage share of hydro, thermal, nuclear and RES stood at 21.63 %, 64.98 %, 2.75 % and 10.62 %. The aggregate installed capacity of Central Sector power stations was 54412.63 MW, State Sector 82452.58 MW and 36761.19 MW private share.

ENERGY SCENARIO OF MAHARASHTRA

a) Power Supply and Consumption Position in Maharashtra

Maharashtra is the largest power generating state in India with the largest electricity system capacity. As on 31st March, 2011, the installed capacity of Maharashtra was 22645.29 MW, which is 13.04 per cent of the total installed capacity in India. 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.

b) Consumption of Electricity

Sector wise Energy Consumption is tabulated below:

Sr.No.	Type	2007-08	2008-09	2009-10
1.	Domestic	15,553	16,878	18171
2.	Commercial	6,661	9,102	10546
3.	Industrial	30,323	28,850	30866
4.	Agriculture	12,676	12,733	13925
5.	Public Services	2,520	2,560	2658
6.	Railways	2,024	2,110	2119
7.	Miscellaneous	82	761	854
8.	Total	69,839	72,994	79139

The aggregate consumption of electricity in the State during 2009-10 was 79,139 million kWh, higher by 8.4 per cent over previous year. The details of consumption of electricity in the State are given in above table. The industrial sector (39 per cent) was the largest consumer of the electricity in the State, followed by domestic sector (22.96 per cent) and Agriculture sector (17.59 per cent). These three sectors together accounted for 80 per cent of the total electricity consumption in the State.

The per capita total, industrial, domestic and agriculture consumption of electricity in the State was 665.47 kWh, 263.02 kWh and 153.87 kWh respectively, as against 457.04 kWh, 169.73 kWh and 112.67 kWh for All-India.