

POTENTIAL FOR ENERGY CONSERVATION

The greatest consumer of electricity in Maharashtra is the industrial sector. It consumes about 37.58 per cent of the total generated energy. The potential for energy conservation in this sector is 25 per cent, which means avoided capacity of 726 MW.





Potential for Energy Conservation in various Industries

INDUSTRY	CONSERVATION POTENTIAL (In per cent)
Iron & Steel	8-10
Fertilisers	10-15
Textile	20-25
Cement	10-15
Chlor-Alkali	10-15
Pulp & Paper	20-25
Aluminum	8-10
Ferrous Foundry	15-20
Petrochemicals	10-15
Ceramics	15-20
Glass	15-20
Refineries	8-10
Ferroalloys	8-10

The agriculture sector consumes about 18.82 per cent of the total generated energy. The potential for energy conservation in this sector is 30 per cent, which means avoided capacity of 436 MW

The commercial sector consumes about 9.47 per cent of the total energy generated. The potential for energy conservation in this sector is 30 per cent, which means avoided capacity of 220 MW

The domestic sector consumes about 25.65 per cent of the total generated energy. The potential for energy conservation in this sector is 20 per cent, which means avoided capacity of 396 MW

SECTOR / INDUSTRY		CONSERVATION POTENTIAL (In per cent)
Industry		Up to 25
Agriculture		Up to 30
Transport		Up to 20
Domestic		Up to 20