

1	2	3	4
Karnataka	3,110	960	2,150
Telangana	700	700	
Maharashtra	2,460	560	1,900
Rajasthan	600	240	360
Madhya Pradesh	800	320	480
Uttar Pradesh	700	700	0
Other RE*	450		
TOTAL	13,820	5,420	7,950

*These are dues from small hydro, biomass, bagasse-cogen projects.

Source: Data furnished by Indian Renewable Energy Development Agency (IREDA) on approximate basis.

Utilisation of installed capacity of power

1236. DR. K. V. P. RAMACHANDRARAO: Will the Minister of POWER be pleased to state:

- (a) whether it is a fact that the country is not using at least half of the installed capacity of power in the country;
- (b) if so, the details thereof; and
- (c) the details of installed capacity in the country and highest demand of power on peak days?

THE MINISTER OF STATE OF THE MINISTRY OF POWER (SHRI RAJ KUMAR SINGH): (a) to (c) Source wise details of Installed Generation capacity in the country as on 31.05.2019 is given at Statement (*See* below). Actual Generation from Hydro, Wind and Solar Project depends upon the availability of water, adequate wind speed, solar insolation etc. As these sources are seasonal and intermittent, the balance demand of electricity is met through generation from Nuclear, Coal, Lignite and Gas based power projects. Thus, all the operating generation capacities are used as per requirement and accordingly during the current year 2019-20, the peak power demand of 183.51 GW has been successfully met.

Statement*Details of the all India Installed Generation Capacity as on 31.05.2019*

Source/Fuel	Capacity (MW)
Thermal	
Coal	194444.50
Lignite	6260.00
Gas	24937.22
Diesel	637.629
THERMAL TOTAL	226279.34
Nuclear	6780
Hydro	45399.22
Renewables (RES) (#)	
Small Hydro Power	4594.15
Wind Power	35815.88
Bio Power	
– BM Power/Cogen.	9131.5
– Waste to Energy	138.3
Solar Power	28679.21
Renewables (RES) TOTAL (#)	78359.04
ALL INDIA TOTAL	356817.60

(#) – Installed capacity in respect of Renewable (RES) from MNRE is as on 30.04.2019.

Supply of poor quality LED bulbs

1237. SHRI V. VIJAYASAI REDDY: Will the Minister of POWER be pleased to state:

(a) whether the Ministry is aware that due to supply of poor quality LED bulbs in various States to replace the incandescence bulbs, they are becoming faulty within few months and supplying companies are refusing to replace them;