GW of renewable energy capacity in the country by the year 2022 which includes 100 GW from solar, 60 GW from wind, 10 GW from Biomass and 5 GW from Small Hydro.

So far, as on 31.01.2020, a cumulative RE capacity of 86.32 GW has been installed in the country. Further, an additional capacity of 35.09 GW is under various stages of implementation and 34.47 GW under various stages of bidding.

Target for electricity production during 2019-20

†1416. SHRIMATI KANTA KARDAM: Will the Minister of POWER be pleased to state:

(a) whether Government has set any target for surplus production of electricity during 2019-20;

(b) if so, the details thereof;

(c) whether the said target has not been achieved so far;

(d) if so, the reasons therefor; and

(e) the steps taken by Government in this regard?

THE MINISTER OF STATE OF THE MINISTRY OF POWER (SHRI RAJ KUMAR SINGH): (a) to (e) The annual Generation target is fixed keeping in view the electricity demand in the electricity grid. A balance between electricity generation and demand is always required to be maintained for stable electricity grid operation. For the year 2019-20 (April, 2019 to March, 2020), the electricity generation target fixed was 1480 Billion units (BU). During the period April, 2019 to January 2020, 1169.4 BU has been generated. The actual generation depends on actual demand of electricity, which is affected by climate/weather conditions, growth of electricity demand in various sectors like industrial/agriculture/commercial sectors etc. The electricity generation target is expected to be met as the electricity demand has picked up again in February, 2020 and is expected to remain high during March, 2020.

Power plants in districts of Konkan region of Maharashtra

†1417. SHRI NARAYAN RANE: Will the Minister of POWER be pleased to state:

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†Original notice of the question was received in Hindi.

(a) the number of power plants functioning in the districts of Konkan region of Maharashtra for power generation and the details thereof, place-wise;

(b) whether the demand for electricity is being fulfilled through these power plants; and

(c) if not, the steps taken by Government in this regard to fulfill the electricity requirements of people of Konkan region of Maharashtra?

THE MINISTER OF STATE OF THE MINISTRY OF POWER (SHRI RAJ KUMAR SINGH): (a) to (c) There are 17 power plants functioning in the districts of Konkan region of Maharashtra for power generation. The details are given in Statement-I (*See* below). The electricity is generated from these power plants as per directives and requirements of State Load Dispatch Centre of Maharashtra and Water Resources Department. As per the information furnished by the State of Maharashtra to Central Electricity Authority, during the year 2019-20 (April, 2019- January, 2020), the State of Maharashtra has been able to fully meet its energy requirement of 128,560 MU and there has been only a marginal gap of 8 MW (only 0.03%) in catering to its peak demand of 23,613 MW. Further, from the conventional generation projects likely to be commissioned by 2023-24, the State of Maharashtra will benefit around 1299.65 MW. The details are given in Statement-II.

Statement-I

List of power plants functioning in the Konkan Region in Maharashtra

Sector	Fuel used	Organisation	Name of Project	Location District	Capacity (MW)
1	2	3	4	5	6
Central Sector	Gas	RGPPL	Ratnagiri CCPP	Ratnagiri	1967.08
	Nuclear	NPCIL	Tarapur	Thane	1400.00
Central Sector TOTAL					3367.08
State Sector	Gas	MAHAGENCO	URAN CCPP	Uran, Raigarh	672.00
	Hydro	MAHAGENCO	KOYNA-I&II HPS	Chiplun, Ratnagiri	600.00
			KOYNA-III HPS	Chiplun, Ratnagiri	320.00

1	2	3	4	5	6
			KOYNA-IV HPS	Chiplun, Ratnagiri	1000.00
			BHIRA TAIL RACE HPS	Kolad, Raigarh	80.00
			GHATGHAR PSS HPS	Thane	250.00
	Small Hydro	MAHAGENCO	Bhatsa	Shahapur, Thane	15.00
			Surya	Palghar	6.00
State Sector TOTAL					2943.00
Private Sector	Coal	AEML	DAHANU TPS	Palghar	500.00
		JSWEL	JSW RATNAGIRI TPP	Ratnagiri	1200.00
		TATA PCL	TROMBAY TPS	Mumbai	750.00
	Gas	PGPL	MANGAON CCPP	Raigarh	388.00
		TATA PCL	TROMBAY CCPP	Mumbai	180.00
	Hydro	TATA MAH.	BHIVPURI HPS	Raigarh	75.00
			KHOPOLI HPS	Raigarh	72.00
Private Sector TOTAL					3165.00
GRAND TOTAL					9475.08

Statement-II

Details of Power Generation projects likely to be commissioned by 2023-24

Projects	Type	State Project Location	Sector	IC(MW)	Benefits Shares of Maharashtra (MW)
1	2	3	4	5	6
Khargone STPP ST-I U2	Thermal	Madhya pradesh	Central	1x660=660	25

1	2	3	4	5	6
Lara STPP U2	Thermal	Chhattisgarh	Central	1x800=800	115.315
Gadarwara STPP ST-1 U-2	Thermal	Madhya pradesh	Central	1x800-800	25
Bhusawal TPS U-6	Thermal	Maharashtra	State	1x660=660	660
Kameng HEP U-l,2,3,4	Hydro	Arunachal Pradesh	Central	4x150=600	55
Koyna Left Bank PSS	Hydro	Maharashtra	State	2x40=80	80
Kakrapar atomic power project-PHWRU3	Nuclear	Gujarat	Central	1x700=700	189.335
Shirpur TPPU-2	Thermal	Maharashtra	Private	1x150=150	150
TOTAL					1299.65

Power generation from hydro power plants

1418. SHRI AHAMED HASSAN: Will the Minister of POWER be pleased to state:

(a) whether it is a fact that hydro power generation in the country has slowed in the last five years;

(b) if so, the reasons therefor and if not, the details of annual production target and real production in the last five years;

(c) the details of gross hydro power production and revenue generated for the sale of hydro electricity during the last five years, State-wise; and

(d) the details of newly established hydro power plants in the last five years?

THE MINISTER OF STATE OF THE MINISTRY OF POWER (SHRI RAJ KUMAR SINGH): (a) No, Sir.

(b) The details of annual production target and real production from hydro power stations (above 25 MW) during the last five years is given as under:-