

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.2000
TO BE ANSWERED ON 22.09.2020**

DEPENDENCE ON THERMAL POWER

2000. SHRI NISITH PRAMANIK:

**Will the Minister of POWER
be pleased to state:**

- (a) whether the dependence on thermal power has reduced over the years keeping in view our commitment to sustainable development goals; and
- (b) if so, the details thereof?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER, NEW & RENEWABLE ENERGY AND THE MINISTER OF STATE FOR SKILL DEVELOPMENT & ENTREPRENEURSHIP

(SHRI R.K. SINGH)

(a) & (b) : The generation from thermal power plants (Fossil fuel based) depends on a number of factors such as total energy demand, flexibility in operation, generation from other non-fossil fuel sources like hydro, nuclear, renewable etc. As per the data available from Central Electricity Authority (CEA), the percentage of generation from thermal power plants (Fossil fuel based) in the country has reduced over the years and the share of non-fossil power has gradually increased over the years due to major thrust on renewable power. The detail for power generation during the period from 2015-16 to 2019-20 and 2020-21 (up to August 2020) for the Fossil fuel and Non fossil Fuel is given as under.

	Total thermal/fossil power generation	Share of thermal/ fossil power in Total Generation	Total Non-Fossil power generation	Share of Non-Fossil power in Total Generation
Year/Unit	Million Units (MU)	(%)	(MU)	(%)
2015-16	9,43,788	80.4%	2,29,815	19.6%
2016-17	9,94,230	80.1%	2,47,459	19.9%
2017-18	10,37,059	79.3%	2,71,087	20.7%
2018-19	10,72,224	77.9%	3,03,872	22.1%
2019-20	10,42,748	75.1%	3,46,373	24.9%
2020-21 (Upto Aug.)	3,87,177	69.7%	1,68,149	30.3%
