GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO-1096
ANSWERED ON-20/09/2020

CONTRIBUTION OF RENEWABLE ENERGY SECTOR IN POWER GENERATION

1096 # SHRI SATISH CHANDRA DUBEY

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) the contribution of solar geothermal and wind energy in terms of percentage towards total power generation, during last two years; and

(b) whether Government is planning to increase the outlay in these sectors to promote technical research and development, if so, the details thereof?

ANSWER

THE MINISTER OF STATE (I/C) FOR NEW & RENEWABLE ENERGY, POWER and MoS for SKILL DEVELOPMENT AND ENTREPRENEURSHIP

(SHRI R.K. SINGH)

(a) The percentage of solar and wind energy in the total power generation during the last two years i.e. 2018-19 and 2019-20 is given below:

Year	Total Gen	Gen Solar (% of total gen)	GenWind (% of total gen)
2018-19	1376.09 BU	39.27 BU (2.85%)	62.04 BU (3.60%)
2019-20	1390.93 BU	50.10 BU (4.51%)	64.64 BU (4.65%)

Presently, geothermal energy is at research and development stage and no geothermal power project has been set up in the country.

(b) Under the R&D scheme, proposals for research and development are invited from R&D institutes/ Universities/IITs/NITs/ Industry in the R&D thrust area identified by the Ministry including solar, geothermal and wind energy. An amount of 20 crore has been allocated during FY 2020-21 for promoting technical research and development in renewable energy sector.

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