

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 4315
TO BE ANSWERED ON 19.03.2020

DECLINING INVESTMENT IN WIND ENERGY

4315. SHRIMATI MANEKA SANJAY GANDHI

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

- (a) whether the investment in wind energy sector has been declining in India due to increased attention to the solar energy use and if so, the details thereof;
- (a) whether the Government is planning to re-power old power plants and encourage hybrid parks and increase investment in offshore wind farms to boost wind energy utilization and if so, the details thereof;
- (c) the data on the projects and investment made in wind energy sector during the years 2016-20;
- (d) whether the Government is planning to encourage private sector to set up offshore projects; and
- (e) 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) During the year 2019-20 (up to 29.2.2020) wind power capacity of 2043 MW was added in the country as against, 1865 MW and 1480 MW during the previous financial years 2017-18 and 2018-19 respectively.

(b) The Government has issued 'Policy for Repowering of the Wind Power Projects' to promote optimum utilisation of wind energy resources by creating facilitative framework for repowering. 'National Wind-Solar Hybrid Policy' has been issued to provide a framework for promotion of large grid connected wind-solar PV hybrid system for optimal and efficient utilization of transmission infrastructure and land, reducing the variability in renewable power generation and achieving better grid stability. The 'National Offshore Wind Energy Policy' has been notified to enable optimum exploitation of offshore wind energy in the country.

(c) During 2016-20 (up to 29.2.2020), wind power projects of 10,891.8 MW capacity have been commissioned. Based on the standard capital cost per MW, an investment of Rs. 76,242 crore is estimated to have been made during 2016-20 (up to 29.2.2020).

(d) & (e) In order to encourage the private sector to invest in offshore wind energy sector, the Government has already notified, 'National Offshore Wind Energy Policy' in 2015, providing the basic framework for developing this sector. Post notification of the policy, the Ministry of New and Renewable Energy has issued the 'Guideline for Offshore Wind Power Assessment Studies and Surveys' to enable private investors to carryout offshore wind resource assessment. Further, the Government is carrying out offshore wind resource assessments and related studies through National Institute of Wind Energy to validate the offshore wind resource potential in identified locations off the coast of Gujarat and Tamil Nadu.
