

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 137
TO BE ANSWERED ON 11.12.2018

INVESTMENT REQUIRED FOR RENEWABLE ENERGY SECTOR

137. SHRI PRABHAKAR REDDY VEMIREDDY

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

- (a) the total investment to achieve 175 GW of renewable energy by 2022;
- (b) how much investment Ministry has so far been able to make out of the total requirement;
- (c) the details of blueprint that Ministry has prepared to achieve 40 per cent energy generation through non-conventional energy sources by 2030; and
- (d) how the decision of the USA to pull out from Paris Pact helps India to attract investment in the renewable energy sector?

ANSWER

THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER (I/C)
(SHRI R. K. SINGH)

(a) & (b) India's renewable capacity development programme is mainly driven by the private sector and government does not invest in setting up of the renewable power plants. As of 30 October 2018, with an estimated investment of Rs 408 thousand crore, renewable power installed capacity of 73.35 GW have been commissioned. A cumulative 175 GW renewable power installed capacity by 2022 would require an additional investment of about Rs 512 thousand crore.

(c) As per target fixed by the Government for 2022, 175 GW of power capacity through renewable sources and 51 GW through large hydro source is to be installed, which in total will be 48 % of total power capacity likely to be installed by 2022. Further, as per the National Electricity Plan prepared by the Central Electricity Authority (CEA) in January 2018, the share of non-fossil based installed capacity, in the total electric installed capacity would reach 57.4 per cent by the 2026-27.

(d) USA's withdrawal from Paris Agreement will affect the global emissions reductions as they have been the largest historical contributor to the Green House Gas accumulated in the atmosphere. However, it is difficult to assess the impact of US withdrawal from Paris agreement on attracting investment in Renewable Energy sector in India.
