

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO-6371
TO BE ANSWERED ON-05.04.2018

ACHIEVEMENTS OF NEW & RENEWABLE ENERGY SECTOR

6371. COL. SONARAM CHOUDHARY

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

- (a) the main objectives of the International Solar Energy Alliance (ISA);
- (b) the main features of the mechanism in place to ensure the achievement of the said objectives;
- (c) the details of the allocation of funds along with the utilization thereof in the new and renewable energy sector during each of the last three years and the current year;
- (d) whether the achievements made thereunder are commensurate with the targets fixed in this regard and if so, the details thereof; and
- (e) the extent to which the said projects have brought about environmental balance and enhanced power generation in the country?

ANSWER

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

(a) and (b) According to the Framework Agreement of the International Solar Alliance (ISA), the objective of ISA is to collectively address key common challenges to the scaling up of solar energy in line with the needs of the member States. The guiding principles defined in the Agreement include that the member States take coordinated actions through programmes and activities launched on a voluntary basis, aimed at better harmonizing and aggregating demand for, inter alia, solar finance, solar technologies, innovation, research and development, and capacity building.

(c) to (e) The year-wise details of the funds allocated to and utilized by the Ministry of New & Renewable Energy (MNRE) from 2015-16 onwards are as under:

Year	Allocation (Revised Estimate in Rs crore)	Utilization (in Rs crore)
2015-16	4,251.90	4,244.75
2016-17	3,924.14	3,914.83
2017-18	4,080.00	3,768.73
2018-19	5,146.63	0.00

For the period from start of 2015-16 up to 28 February 2018, a cumulative capacity of 26563.9 MW of grid connected renewable power projects (excluding hydro power projects above 25 MW capacity) has been installed in the country.

The cumulative renewable energy installed capacity of 65.55 GW (upto February 2018) has led to enhanced power generation in the country. As per Central Electricity Authority (CEA), the percentage share of electricity generated from renewable energy projects (excluding hydro power projects above 25 MW capacity) in the overall electricity generation in the country for the years 2015-16, 2016-17 and 2017-18 (up to 31 January 2018) were 5.6 per cent , 6. 6 per cent and 8.0 per cent respectively.

As per CEA's Carbon di-oxide Baseline Database 2016, for the Indian Power Sector, each megawatt hour of electricity produced from renewable energy sources abates 0.96 tonnes of carbon di-oxide emission.
