

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

LOK SABHA
UNSTARRED QUESTION NO. 3397
TO BE ANSWERED ON 13.03.2020

National Action Plan on Climate Change

3397. SHRI VIJAY BAGHEL:

Will the Minister of ENVIRONMENT, FOREST AND CLIMATE CHANGE be pleased to state:

- (a) whether any positive improvements in mitigating climate related issues has been noticed since the implementation of National Action Plan on Climate Change (NAPCC);
- (b) if so, the details thereof, State/UT-wise including Chhattisgarh;
- (c) if not, the reasons therefor; and
- (d) the steps taken/being taken by the Government in this regard?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
(SHRI BABUL SUPRIYO)

(a) to (d) Implementation of the National Action Plan on Climate Change (NAPCC) and other measures have led to reduction of emission intensity of GDP by about 21% between 2005 and 2014, against India's voluntary pledge to reduce the emission intensity of its GDP by 20–25 % by 2020, compared with the 2005 level (Source: India's 2nd Biennial Update Report 2018). This is an economy-wide goal with no sub-target for States / UTs.

Some notable achievements under NAPCC are:

- I. India's Solar installed capacity has increased by about 12 times from 2.63 GW in March 2014 to 33 GW in December 2019 under the National Solar Mission.
- II. The Perform, Achieve and Trade (PAT) scheme under the National Mission for Enhancing Energy Efficiency has resulted in energy saving of 8.67 Metric Tonnes of oil equivalent (MTOE) which has led to an emissions reduction of 31 million tonnes CO₂eq under the 1st cycle of PAT Scheme. Energy savings of 20 MTOE is estimated by the year 2020 through implementation of PAT Cycle with mitigation of about 70 million tonnes CO₂ eq.
- III. As on 9th March 2020, 36.21 crore LED bulbs have been distributed under UJALA scheme, which has led to energy saving of about 47 billion kilo-watt-hour (KWh) and reduction of 38 million tCO₂ per year.
- IV. The share of non-fossil sources in installed capacity of electricity generation increased from 30.5% in March 2015 to 37.4% in December 2019.
- V. Energy Conservation Building Code (ECBC), developed by the Bureau of Energy Efficiency (BEE) in 2007, has been updated in 2017. The ECBC Rules 2018 has made

it mandatory for commercial buildings having a connected load of 100 KW or above. A saving of 125 million units of electricity (100 million tCO₂ emission) is expected by 2030.

- VI. Under the National Mission on Sustainable Habitat, the Mass Rapid Transit System (MRTS), has brought 585 km metro rail in operation as on February, 2019.
- VII. Afforestation activities under the National Mission for a Green India were carried and India's total forest and tree cover, as reported in the India State of Forest Report (ISFR) 2019, is 8,07,276 sq. km. which is 24.56% of the total geographical area of the country.

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