

**GOVERNMENT OF INDIA
NEW AND RENEWABLE ENERGY
LOK SABHA**

UNSTARRED QUESTION NO:858
ANSWERED ON:27.11.2014
PANEL ON CLIMATE CHANGE
Antony Shri Anto

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

(a) whether the Government has taken note of a recent report of the United Nations Panel on Climate Change that seeks for low-carbon energy instead of fossil fuel energy; and

(b) if so, the details thereof, and the response of the Government in this regard?

Answer

THE MINISTER OF STATE FOR POWER, COAL & NEW AND RENEWABLE ENERGY (INDEPENDENT CHARGE) (SHRI PIYUSH GOYAL)

(a)&(b): The Synthesis Report of the fifth assessment report of the Intergovernmental Panel on Climate Change was released in November 2014. The report has estimated that in scenarios reaching 450 parts per million carbon dioxide equivalent (CO₂-eq) concentrations by the year 2100, global CO₂ emissions from the energy supply sector are projected to decline over the next decade and are characterized by reductions of 90 per cent or more below the year 2010 levels between the year 2040 and the year 2070. In the majority of low-concentration stabilization scenarios, the share of low-carbon electricity supply (including renewable energy) increases from the current share of approximately 30 per cent to more than 80 per cent by the year 2050, and fossil fuel power generation without Carbon Capture and Storage is phased out almost entirely by the year 2100 to limit warming to 20C above pre-industrial level.

Recognising the challenges of Climate Change, Government has released the National Action Plan on Climate Change (NAPCC) on 30 June 2008. Two amongst the eight national missions namely, National Solar Mission and National Mission on Enhanced Energy Efficiency aims at developing and deploying low carbon technologies.