

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.4427
ANSWERED ON 27.03.2025**

GOAL TO ACHIEVE NET-ZERO EMISSION

**†4427. SHRI MITESH PATEL BAKABHAI:
SHRI HASMUKHBHAI SOMABHAI PATEL:
SHRI DEVUSINH CHAUHAN:**

**Will the Minister of POWER
be pleased to state:**

- (a) the contribution of the dialogue held at international forum towards India's goal of achieving net-zero emissions by the year 2070;**
- (b) the manner in which the United Kingdom will assist India in strengthening grid resilience and energy storage solutions;**
- (c) the role assigned to green hydrogen and offshore wind energy in India's energy transition under this dialogue; and**
- (d) the technological innovations or knowledge-sharing initiatives proposed for improving energy efficiency?**

A N S W E R

THE MINISTER OF STATE IN THE MINISTRY OF POWER

(SHRI SHRIPAD NAIK)

(a) : Achieving the net-zero target requires various measures including the technical measures and financial measures. The dialogues held at international forum supports the India's efforts towards net-zero by way of knowledge sharing among the participating organization of other countries and global organizations. During the India's G20 Presidency in 2023, the G20 New Delhi Leaders' Declaration was issued in which commitments towards pursuing low-GHG/low-carbon emissions was also made.

(b) to (c) : The Fourth India-UK Ministerial Energy Dialogue, co-chaired by Minister of Power and Secretary of State (SOS) for Department of Energy Security and Net Zero (DESNZ) for United Kingdom, was held in February 2025 in New Delhi.

Under the dialogue several programmes have been initiated. It was suggested to continue work on the Revamped Distribution Sector Scheme (RDSS), roll out of smart meters, grid upgradation through digitalization for outage management and renewable

energy integration and asset monitoring under RDSS .The Accelerating Smart Power & Renewable Energy in India (ASPIRE) programme under the UK-India co-operation, the UK side shared knowledge for the development of Offshore wind tenders for Tamil Nadu and Gujarat, green hydrogen policies for certain States, development of 1GWh tenders for Energy storage and provided inputs for increasing solar manufacturing in India.

(d): Energy efficiency initiatives in various sectors broadly include improving the minimum energy performance standards of appliances, implementation of energy conservation and sustainable building code in commercial and residential buildings, increased energy conservation measures in industries, improving fuel economy in transport sector.
