

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.2943
TO BE ANSWERED ON 05.12.2019**

MOU ON POWER WITH NEIGHBOURING COUNTRIES

**†2943. SHRI CHHATAR SINGH DARBAR:
DR. VIRENDRA KUMAR:**

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

- (a) the number of the neighboring or other countries with whom Memorandum Of Understanding on the matters related with power have been signed;**
- (b) the terms of reference thereof and the benefits likely to be earned therefrom; and**
- (c) the details of the assistance likely to be provided to other countries?**

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER, NEW & RENEWABLE ENERGY AND THE MINISTER OF STATE FOR SKILL DEVELOPMENT & ENTREPRENEURSHIP

(SHRI R.K. SINGH)

(a) : Ministry of Power, Government of India has eight existent Memorandum of Understandings/Agreements with neighbouring and other countries viz. Bangladesh, Bhutan, Nepal, Myanmar, Republic of Korea, United Kingdom of Great Britain and Northern Ireland, United States of America and the Switzerland.

(b) & (c) : The details have been annexed.

ANNEXURE REFERRED TO IN REPLY TO PARTS (b) & (c) OF UNSTARRED QUESTION NO. 2943 TO BE ANSWERED IN THE LOK SABHA ON 05.12.2019.

(b) The Terms of Reference (ToR) of different MoUs and benefits likely to be earned therefrom are as under:

- (i) The ToR of MoU with Bangladesh inter-alia include cooperation in power generation, transmission, energy efficiency and development of various types of renewable energy; establish grid connectivity between the countries, etc.**

The cooperation in the field of exchange of power, power generation, grid connectivity, energy efficiency and development of renewable energy would mutually benefit both the countries.

- (ii) The ToR of MoU with Bhutan inter-alia include promotion of development and construction of hydropower projects and associated transmission systems as well as trade in electricity between the two countries.**

The development of hydropower in the Kingdom of Bhutan will make a lasting contribution to the economic development of both countries.

- (iii) The ToR of MoU with Nepal inter-alia include developing transmission interconnections, grid connectivity, power exchange and trading; prepare scheduling, dispatch, energy accounting, settlement and procedures for cross-border power trade and unscheduled interchange.**

The cooperation in cross-border power exchange and trading through enhanced transmission interconnections and grid connectivity would mutually benefit both the countries by moving towards a common electricity market that could extend to sub-regional and regional levels.

- (iv) The ToR of MoU with Myanmar inter-alia include cooperation in power generation, transmission, energy efficiency and development of various types of renewable energy including hydropower.**

The cooperation in the field of power sector development including power generation, grid connectivity, exchange of power, energy efficiency and development of renewable energy would mutually benefit both the countries.

- (v) **The ToR of MoU with Republic of Korea inter-alia include cooperation in electric development of renewable energy, smart grids and power information and technology, transmission and distribution of electric power, energy efficiency and energy storage systems.**

Significant potential exists in the development and implementation of joint initiatives and projects in the areas of electric power development and new energy industries that may facilitate sustainable economic growth of the two countries.

- (vi) **The ToR of MoU with UK inter-alia include market reforms, integration of renewable energy into the grid, smart grids, energy storage and new energy technologies, etc.**

The cooperation between the two countries would enhance long-term cooperation between the two countries in the development of the energy sector.

- (vii) **The ToR of MoU with USA inter-alia include facilitating joint research, access to financing, policy dialogue, public private partnership, etc.**

Both the countries intend to focus on efforts to increase clean energy access, energy efficiency, renewable energy, clean energy technologies with co-benefits for climate change and health, and efforts to enhance resilience to the impacts of climate change.

- (viii) **The ToR of MoU with Switzerland inter-alia include building capacities and knowledge of builders, architects, engineers, labs, institutions and others in the area of building energy efficiency in India by utilizing Swiss experience and expertise.**

Both countries intend to reduce energy consumption in new buildings in India consistent with the objectives of the National Mission on Sustainable Habitat.

- (c) **The following assistance is to be provided to other countries:**

- (i) **Technical assistance in setting up of the Hydro and Thermal Power Plants;**
- (ii) **Consultancy services in transmission and distribution sector; &**
- (iii) **Capacity building.**