GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.5272
TO BE ANSWERED ON 25.07.2019

NATIONAL POWER GRID LINKAGES

5272. SHRI PRADYUT BORDOLOI:

Will the Minister of POWER
be pleased to state:

(a) the status of the National Power Grid Linkages covering whole of the North-East region with that of the rest of the country; and

(b) the reasons for providing the entire assignment of construction of grid connectivity to Power Grid Corporation of India Limited (PGCIL) instead of other competent State level grid companies such as Assam Electricity Grid Corporation Limited?

A N S W E R

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

(SHRI R.K. SINGH)

(a) : Indian Power System is divided into five (5) regions namely Northern Region, Southern Region, Eastern Region, Western Region and North Eastern Region (NER). The inter-regional (IR) transmission links between regions enable smooth flow of power from surplus regions to deficit regions. At present all the five regional grids are interconnected through synchronous links forming one Nation-one Grid-one frequency-one market. The inter-regional power transmission capacity of the National Grid is 99,050 MW (as on March 2019). North Eastern region is connected to rest of the country through various transmission links as under:

(i) ±800kV Biswanath Chariali - Alipurduar - Agra multi terminal HVDC Bipole line
(ii) 400kV Alipurduar - Bongaigaon high capacity D/c line
(iii) 400kV Siliguri - Bongaigaon D/c line
(iv) 220kV Birpara - Salakati D/c line

(b) : The transmission systems that are in place in the country consist of Inter-State Transmission System (ISTS) and Intra State Transmission System (Intra-STS).

Since January 2011, ISTS transmission schemes, are being implemented either through the Tariff based Competitive Bidding (TBCB) process or under cost-plus mechanism with Regulated Tariff Mechanism (RTM), in accordance with provisions of the Tariff Policy. Accordingly, the ISTS are developed either by POWERGRID or by the successful bidder in case of TBCB projects. POWERGRID also participates as bidder for TBCB projects.

The Intra-State Transmission System is generally developed by State Transmission Utilities / Intra-state transmission licensees in a State such as Assam Electricity Grid Corporation Limited in respect of intra-state transmission system for the state of Assam.

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