

**GOVERNMENT OF INDIA  
MINISTRY OF POWER**

**LOK SABHA  
UNSTARRED QUESTION NO.3751  
TO BE ANSWERED ON 18.03.2021**

**POWER GRID CONNECTIVITY**

**3751. DR. T. SUMATHY (a) THAMIZHACHI THANGAPANDIAN:**

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

- (a) the steps taken by the Government to establish power grid connectivity between Tamil Nadu and other States;**
- (b) the steps taken by the Government to expedite the establishment of green corridor power grid to cater the needs of people of Tamil Nadu; and**
- (c) the quantum of funds allocated and spent during the last three years for the said purpose?**

**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) : Presently the State of Tamil Nadu is well connected with National Grid through high capacity transmission corridors comprising 765 kV & 400 kV AC (Alternating Current) lines as well as  $\pm 800$  kV, Raigarh-Pugalur-Thrissur 6000 MW, Ultra-High-Voltage Direct Current (UHVDC) system which facilitate smooth transfer of power through Inter State Transmission System (ISTS) network between Tamil Nadu and other States/Region. Recently  $\pm 320$  kV 2000 MW Pugalur (Tamil Nadu) - Thrissur (Kerala) HVDC project has been commissioned.**

**Power transfer capacities in Tamil Nadu are being strengthened on a continual basis to address dynamic power transfer scenarios with reliability & security, based on requirement.**

**.....2.**

**(b) : In order to facilitate integration of large scale renewable generation capacity addition in various States including Tamil Nadu, a comprehensive transmission plan comprising Intra-State and Inter-State Transmission System was evolved as a part of “Green Energy Corridors”. The Inter-State Transmission System in Tamil Nadu as part of Green Energy Corridors (GEC) comprises establishment of 1000 MVA, 400/230 kV Tuticorin-II pooling station (GIS) along with 400 kV D/c (Quad) lines upto Tuticorin pooling station. This scheme has already been commissioned. Further looking into the potential wind capacity in the Tuticorin area, the substation is being augmented by additional 500 MVA transformation capacity.**

**In addition to above, transmission system for integration of envisaged potential of 3 GW Renewable Energy Zones in Karur/Tiruppur/Tuticorin of Tamil Nadu through ISTS network has been identified which is under bidding stage.**

**(c) : POWERGRID has spent approximately Rs. 17,400 crore during the last three years (FY17-20) for Power Grid connectivity between Tamil Nadu and other States out of which, approximately Rs. 510 crore were spent on establishment of GEC and Renewable Energy projects in Tamil Nadu.**

\*\*\*\*\*