

**GOVERNMENT OF INDIA  
MINISTRY OF POWER**

**LOK SABHA  
UNSTARRED QUESTION NO.419  
TO BE ANSWERED ON 19.07.2018**

**POWER GRID CONNECTIVITY BETWEEN TAMIL NADU AND OTHER STATES**

**419. SHRI BHARATHI MOHAN R.K.:**

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

- (a) whether it is a fact that the Power Grid connectivity between the Southern Grid and the Power Grids of other regions are inadequate to cater to the Power Transit between Tamil Nadu and other States;**
- (b) if so, the details thereof;**
- (c) the steps taken by the Government to enhance the Power Grid connectivity between Tamil Nadu and other States; and**
- (d) the steps taken by the Government to expedite establishment of Green Corridor grid in the country?**

**A N S W E R**

**THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER AND  
NEW & RENEWABLE ENERGY**

**( SHRI R. K. SINGH )**

**(a) & (b) : The connectivity between the Southern Grid and Power Grids of other regions are adequate to meet the requirements of power transmission between Tamil Nadu and other States.**

**(c) : The Southern Region (SR) is connected with the North-East-West Region (NEWR) through various inter-regional AC links at 220kV, 400KV, 765kV level and HVDC link. With the commissioning of new transmission lines, the grid connectivity upstream and downstream of the main NEWR-SR corridor has further strengthened. The detail of inter-regional links between SR and NEWR is at Annex.**

**No congestion has been reported in Day Ahead Market (Power Exchanges) since September, 2017.**

**(d) : Green Energy Corridor (GEC) has been planned to facilitate integration of large scale renewable generation capacity in eight Renewable Energy resource rich States including Tamil Nadu. It includes strengthening of intra-State and inter-State transmission systems and establishment of Renewable Energy Management Centres (REMC).**

**.....2.**

**The inter-State transmission system and REMCs are being implemented by POWERGRID. The project includes about approx. 3200 ckms line and Six Substations of total 18,000 MVA to be completed by May 2019. Part of the transmission system is commissioned and balance transmission scheme is under various stages of implementation. The intra-State transmission system is being implemented by the respective State Transmission Utilities (STUs).**

**The progress of the various schemes under GEC is regularly monitored by Central Electricity Authority/Ministry of Power.**

\*\*\*\*\*

**ANNEX**

**ANNEX REFERRED TO IN REPLY TO PART (c) OF THE UNSTARRED QUESTION NO. 419 TO BE ANSWERED IN THE LOK SABHA ON 19.07.2018.**

\*\*\*\*\*

<b>INTER-REGIONAL TRANSMISSION LINKS AND CAPACITY (MW)</b>		
<b>Sl. No.</b>		<b>Present Capacity (MW)</b>
<b>1.</b>	<b>Balimela-Upper Sileru 220kV S/c</b>	<b>130</b>
<b>2.</b>	<b>Gazuwaka HVDC back-to-back</b>	<b>1000</b>
<b>3.</b>	<b>Talcher-Kolar HVDC bipole</b>	<b>2500</b>
<b>4.</b>	<b>Angul - Srikakulum 765kV D/c</b>	<b>4200</b>
<b>5.</b>	<b>Chandrapur HVDC back-to-back</b>	<b>1000</b>
<b>6.</b>	<b>Kolhapur-Belgaum 220kV D/c</b>	<b>260</b>
<b>7.</b>	<b>Ponda - Nagajhari 220kV D/c</b>	<b>260</b>
<b>8.</b>	<b>Raichur - Solapur 765kV S/c line (PG)</b>	<b>2100</b>
<b>9.</b>	<b>Raichur - Solapur 765kV S/c line (Pvt. Sector)</b>	<b>2100</b>
<b>10.</b>	<b>Narendra - Kolhapur 765kV D/c (charged at 400kV)</b>	<b>2200</b>
<b>11.</b>	<b>Wardha - Nizamabad 765kV D/c line</b>	<b>4200</b>
	<b>TOTAL</b>	<b>19,950</b>

\*\*\*\*\*