

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
STARRED QUESTION NO-274
TO BE ANSWERED ON-11.07.2019

GREEN ENERGY CORRIDOR PROJECT

*274. SHRIMATI MEENAKSHI LEKHI

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:-

(a) the number of transmission systems which have been established under the Green Energy Corridor Project; and

(b) the capacity added due to establishment of the said transmission systems?

ANSWER

THE MINISTER OF STATE (I/C) FOR NEW & RENEWABLE ENERGY AND POWER
(SHRI R. K. SINGH)

(a) and (b) A statement is laid on the Table of the House.

STATEMENT

STATEMENT REFERRED TO IN REPLY TO LOK SABHA STARRED QUESTION No. 274 for ANSWER on 11.07.2019

(a) The Ministry of New and Renewable Energy (MNRE) under its Green Energy Corridor (GEC) project is planning to erect approx. 9400 circuit kilometres (ckm) of transmission lines and approx. 19000 Mega Volt-Amperes (MVA) of substations under Intra-State Transmission System, and 3200 ckm of transmission lines and 18000 MVA of substations under Inter-State Transmission System. As on 5th July 2019, 2168.2 ckm of transmission lines and 4757 MVA of substations under Intra-State Transmission System and 2467 ckm of transmission lines and 13000 MVA of substations under Inter-State Transmission System have been charged under MNRE's GEC project. The State-wise details of transmission systems charged under GEC project, as on 5 July 2019, are given in **Annexure-I**.

(b) The details of renewable energy capacity added due to establishment of new transmission systems under GEC project, as on 5th July 2019, are given in **Annexure-II**.

Annexure-I

Annexure-I referred to in reply to part (a) of the Lok Sabha Starred Question No. 274 for answer on 11.07.2019 regarding Green Energy Corridor Project

State-wise details of transmission systems charged as on 5th July 2019

Intra-State Transmission System

S. No.	State	Length of Transmission Lines in circuit kilometres (ckm)	Substation Capacity in MVA
1	Andhra Pradesh	278.20	315
2	Gujarat	325.30	800
3	Himachal Pradesh	8.00	--
4	Karnataka	231.00	1000
5	Madhya Pradesh	434.20	612
6	Maharashtra	87.50	--
7	Rajasthan	522.00	1000
8	Tamil Nadu	282.00	1030
	Total	2168.20	4757

Inter-State Transmission System

S. No.	State	Length of Transmission Lines in circuit kilometres (ckm)	Substation Capacity in MVA
1	Rajasthan	1477	6000
2	Gujarat	942	6000
3	Tamil Nadu	48	1000
	Total	2467	13000

Annexure-II

Annexure-II referred to in reply to part (b) of the Lok Sabha Starred Question No. 274 for answer on 11.07.2019 regarding Green Energy Corridor Project

**State-wise details of renewable energy capacity added under Green Energy Corridor
as on 5th July 2019**

Intra-State Transmission System

S. No.	State	Capacity Addition in Megawatts (MW)
1	Andhra Pradesh	613
2	Gujarat	668
3	Himachal Pradesh	40
4	Karnataka	1532
5	Madhya Pradesh	4593
6	Maharashtra	865
7	Rajasthan	1100
8	Tamil Nadu	850
	Total	10261

Inter-State Transmission System

As per Power Grid Corporation of India Limited, the establishment of the Green Energy Corridor under Inter State Transmission System, has enhanced the cumulative Inter Regional National Grid Capacity to about 100 GW.
