

GOVERNMENT OF INDIA
MINISTRY OF POWER

RAJYA SABHA
UNSTARRED QUESTION NO.1911
ANSWERED ON 17.03.2025

ROW CHALLENGES DELAYING CRITICAL TRANSMISSION PROJECTS

1911 DR. SYED NASEER HUSSAIN:

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

- (a) whether Government is aware of the severe Right-of-Way (RoW) issues causing delays of up to five years in critical transmission projects;
- (b) if so, the specific projects affected by these delays and the reasons for the prolonged RoW challenges;
- (c) the steps Government is taking to resolve these issues and prevent such delays in future transmission infrastructure projects; and
- (d) the impact of these transmission project delays on the integration and distribution of renewable energy into the national grid?

A N S W E R

THE MINISTER OF STATE IN THE MINISTRY OF POWER

(SHRI SHRIPAD NAIK)

(a) & (b) : Yes. Some of the Inter State Transmission System (ISTS) projects affected by prolonged Right of Way (RoW) issues are listed in **Annexure**. The key reasons for RoW challenges have been reported to be demand for higher compensation compared to State Government determined rates. Other reasons include delay in forest clearances.

(c) : In June 2024, Ministry of Power has revised the guidelines for payment of RoW compensation for laying transmission lines. As per these guidelines, land rate has been linked to market rate. Further, compensation amounts for the tower base area and RoW corridor have been increased to 200% and 30% of the land value respectively.

To address RoW challenges, route alignment before approval of projects is being validated on PM Gati Shakti portal. This helps in optimising the route and corridor widths particularly in forest and urban areas. Further, Ministry of Power is actively utilizing the Project Monitoring Group (PMG) under DPIIT for monitoring and resolving bottlenecks in transmission projects. The Ministry is closely coordinating with Transmission Service Providers (TSPs), State Governments and Central Ministries/ Departments to expedite resolution.

(d) : The Government is committed to ensure integration of Renewable Energy (RE) into the national grid. While RoW challenges have led to delays in some transmission projects, suitable alternate arrangements are made wherever feasible for evacuation of RE power by utilising margins in the existing transmission network.

ANNEXURE REFERRED IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 1911 ANSWERED IN THE RAJYA SABHA ON 17.03.2025

List of some ISTS projects having delay due to Right-of-Way (RoW) issues			
Sl. No.	Name of Transmission Project	Transmission Service Provider	State
1	Khetri, Junjhnu district, Rajasthan to Narela, North Delhi district, NCT Delhi transmission Line (170 km) (765 kV)	PGCIL	Rajasthan, Delhi, Haryana
2	LILO of Meerut – Bhiwani transmission line (tapping point in Mahara village, Sonipat district, Haryana) at Narela, North Delhi district, NCT Delhi (34 km) (765kV)	PGCIL	Uttar Pradesh, Delhi, Haryana
3	Bhadla II, Phalodi district, Rajasthan to Sikar II, Sikar district, Rajasthan transmission line (300 km) (765kV)	PGCIL	Rajasthan
4	LILO of one circuit of Narendra (existing) - Narendra (New) line (tapping point in Narendra village, Dharwad district, Karnataka) at Xeldem, South Goa district, Goa (105 km) (400kV)	Sterlite	Karnataka, Goa
5	Udupi, Udupi district, Karnataka to Kasargod, Kasaragod district, Kerala transmission line (115 km) (400kV)	Sterlite	Karnataka, Kerala
6	North Karanpura, Ranchi District, Jharkhand to Gaya, Gaya District, Bihar transmission line (98 km) (400kV)	Adani	Jharkhand, Bihar
7	Narendra New, Dharwad district, Karnataka to Pune, Pune district, Maharashtra transmission line (318 km) (765 kV)	Adani	Karnataka, Maharashtra
8	Koteshwar, Tehri district, Uttarakhand to Rishikesh, Dehradun district, Uttarakhand transmission line (38.5 km) (400kV)	Tata Power	Uttarakhand
9	Gadag, Gadag district, Karnataka to Koppal, Koppal district, Karnataka transmission line (50 km) (400 kV)	Renew	Karnataka
10	Kurnool-III Pooling Station, Kurnool district, Andhra Pradesh to Maheshwaram, Ranga Reddy district, Telangana transmission line (252 km) (765kV)	PGCIL	Andhra Pradesh, Telangana
11	Removal of LILO of Bawana- Mandola transmission line at Maharanibagh Substation, South East Delhi district, NCT Delhi and Extension of above LILO section from Maharanibagh upto Narela Substation, North Delhi district, NCT Delhi so as to form Maharanibagh to Narela line on Multicircuit tower (28.5 km) (400kV)	PGCIL	Delhi, Haryana
12	Navasari (New), Navasari district, Gujarat to Kala, Silvassa district, Daman & Diu transmission line and Navasari (New), Navasari district, Gujarat to Magarwada, Daman district, Daman & Diu transmission line (Multicircuit portion) (192 km) (400 kV)	PGCIL	Gujarat, Maharashtra
13	Magarwada, Daman district, Daman & Diu to Kala, Silvassa district, Daman & Diu transmission line (45.5 km) (400 kV)	PGCIL	Maharashtra
14	Navsari(New), Navasari district, Gujarat to Padghe, Rajgarh district, Maharashtra transmission line (226 km) (765 kV)	PGCIL	Gujarat, Maharashtra
