# GOVERNMENT OF INDIA
# POWER
# LOK SABHA

UNSTARRED QUESTION NO:2516
ANSWERED ON:07.08.2003
TRANSMISSION LINES BY PGCI AND NTPC
UMMAREDDY VENKATESWARLU

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

(a) whether NTPC and Power Grid Corporation are laying transmission lines frompower producing centres to power consumption points all over the country;

(b) if so, the details of the present work being done by NTPC and Power Grid Corporation at various points in the country;

(c) the details of safeguards that are taken by both these organizations to avoid damage to human settlements and environment while laying transmission lines and building transmission towers; and

(d) the details of rules and guidelines in force while doing this work?

## Answer

THE MINISTER OF STATE IN THE MINISTRY OF POWER ( SHRIMATI JAYAWANTI MEHTA )

(a) : POWERGRID constructs the transmission lines associated with Central Sector Generating Stations as well as inter-regional and grid-strengthening transmission lines. NTPC does not lay power transmission lines.

(b) : A list of the transmission projects being implemented by POWERGRID to evacuate power from generating projects is at Annex-I.

(c) & (d) : Construction of transmission lines is carried out by POWERGRID as perIndian Electricity Rules, guidelines of Ministry of Environment & Forests and relevant Indian standards. POWERGRID has a well-defined `Environmental Social Policy & Procedures (ESPP)` based on the principle of Avoidance, Minimization and Mitigation todeal with environmental & social impact of constructing towers. While planning and implementing the transmission projects, all possible efforts are made to avoid/minimize the damage to the habitations and agricultural land. Conservation of Right-of-way is kept in view by POWERGRID while constructing transmission lines for transmission of bulk power. In case of any damage to the crop, adequate compensation is paid to the farmers.

ANNEX-I

ANNEX REFERRED TO IN REPLY TO PART (b) OF UNSTARRED QUESTION NO.2516 TO BE ANSWERED IN THE LOK S ON 07.08.2003

TRANSMISSION LINES ASSOCIATED WITH CENTRAL SECTOR GENERATING STATIONS BEING PRESENTLY UNDEF BY POWERGRID

| Sl.No. | Name of the Trans line | Length (CKM) |
|---|---|---|
| 1 | Tehri Trans. System | |
| | 800 KV Tehri - Meerut TL - I S/C | 186 |
| | 800 KV Tehri - Meerut TL - II S/C | 184 |
| | 400 KV Meerut - Muzaffaranager Trans. Line | 36 |
| 2 | Unchahar Trans. System | |
| | 220 KV D/C Panki - Naubasta LILO Line | 30 |
| 3 | Dhauliganga Transmission System | |

| | | |
|---|---|---|
| 400 KV D/C Dhauliganga (NHPC) - Bareilly ( UPPCL) Line | 481 | |
| 4 Chamera - II Tr. System. | | |
| LILO of 400KV S/C Chamera - I - Kishenpur line at Chamera-II | 70 | |
| 5 Dulhasti Combined Tr. System. | | |
| 400KV D/C Kishenpur - Thather line | 210 | |
| 400KV D/C Thather - Wagoora line | 158 | |
| 6 Rihand - II Tr. System. | | |
| 400 KV D/C Rihand - Allahabad line | 596 | |
| 400 KV D/C Allahabad - Kanpur line | 406 | |
| 400 KV D/C Kanpur - Mainpuri line | 404 | |
| 400 KV S/C Patiala - Malerkotla and LILO of Nalagarh - Hissar at Kaithal & Patiala Mainpuri - Ballabgarh line | 146<br>460 | |
| 7 Tarapur 3 & 4 Transmission System | | 330 |
| 400KV D/C Tarapur 3 & 4 - Boisor Tr. Line | 24 | |
| 400KV D/C Tarapur 3 & 4 - Padghe Tr. Line | 216 | |
| 220KV S/C Tarapur 3 & 4 - Boisor Tr. Line | 12 | |
| LILO of 400KV S/C Gandhar - Padghe at Boisor. | 68 | |
| LILO of 400KV S/C Gandhar - Padghe at Vapi | 10 | |
| 8 400 KV D/C Kaiga - Narendra TL | | 220 |
| 9 Ramagundam - III Transmission System | | |
| 400 KV D/C Ramagundam - Hyderabad line | 392 | |
| 400 KV S/C Hyderabad - Kurnool - Gooty line | 307 | |
| 400 KV S/C Gooty - Neelmangla line | 254 | |
| 400 KV S/C Khamam - Nagurjunsagar line | 145 | |
| 10 Transmission System associated with Tala HEP, East-North interconnector and Northern Region transmission system | | |
| 400 KV Tala - Siliguri Line I | 194 | |
| 400 KV Tala - Siliguri Line II | 234 | |
| LILO of 400 KV Bongaigaon - Malda at Siliguri | 12 | |
| LILO of 400 KV Bongaigaon - Malda at Purnea | 124 | |
| LILO of 400 kV D/C Dadri-Ballabhgarh at new S/S in Delhi | 80 | |

| | | |
|---|---|---|
| | 400 kV D/C Gorakhpur(POWERGRID)-Gorakhpur(UPPCL) | 50 |
| | 400 kV D/C Lucknow-Unnao | 140 |
| | 400 kV D/C Siliguri - Purnea (Quad conductor) | 324 |
| | 400 kV D/C Purnea - Muzaffarpur (Quad conductor) | 484 |
| | 400 kV D/C Muzaffarpur - Gorakhpur (Quad conductor) | 466 |
| | 220 kV D/C Muzaffarpur (New) - Muzaffarpur (BSEB) | 40 |
| | 400 kV D/C Gorakhpur - Lucknow (Twin bundle) | 554 |
| | 400 kV D/C Bareilly-Mandola (Twin bundle) | 474 |
| 11 | 132 KV Ranganadi - Ziro TL | 40 |