

Application for Information under Right to Information Act 2005 Place: Chennai Date:

To

The Public Information Officer,
Power Grid Corporation of India
Sriperumbadhur, Tamilnadu
Chennai- 602105

From

T.S.Ramakrishnan

Old no.70, New no.36

Venkataratnam Nagar

Adyar, Chennai-600020

Phone: +91 9940350223

Dear Sir,

Sub: Right of way for State Owned Extra High Voltage Transmission lines in Semmancherry , Chennai.

Description: EHV Transmission lines were laid long back by TNEB on vacant land running along Thalambur link road to Perumbakkam via Semmancherry before construction of Housing Complex by DLF Garden City, Semmancherry. The right of way has been blocked by DLF by constructing compound wall surrounding the Transmission lines and Towers which is not permissible as per Electricity Act 2003 section 68 (5) and Central Electricity Authority Regulations 2010.

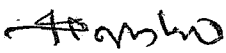
- 1) The development of DLF Housing Complex was done subsequent erection of Transmission lines and no structure can be constructed. The easement right of right of way lies with the Power Grid Corporation of India.
- 2) The right of way has been obstructed for construction & maintenance of transmission lines violating section 68(5) of Electricity Act 2003

RTI Information required: What is the action being taken or proposed to be taken by the Power Grid Corporation of India to restore the Right of way for Transmission lines & Towers.

Preferred language of the information isEnglish

In case the subject matter/ any of the information is held by/ related to any other public authority you are requested to transfer the application or such part of it as may be appropriate to that other public authority with an intimation to the undersigned section 6 (3) of the RTI act.

Further it is submitted that the information is required by Registered post/ Speed Post


Signature

T.S. RAMAKRISHNAN

Electrical Revolution

Electrical and Electronics Basic Concept

17 May 2019

Right of Way (ROW) In The Transmission Line

Right of Way (ROW)

- The right of way is a strip of land where the transmission line is constructed, erected, operated and maintain.
- The transmission line is kept in the centre of right of way (ROW).
- The right of way clears all trees, structure and construction which interfere the power lines.
- The maximum width of ROW is calculated by considering transmission line voltage, wind speed, sag, tower design, swing and other safety consideration.
- The ROW is as per guideline of Ministry of Environment and Forest. The ROW for different transmission line is given as below in India.

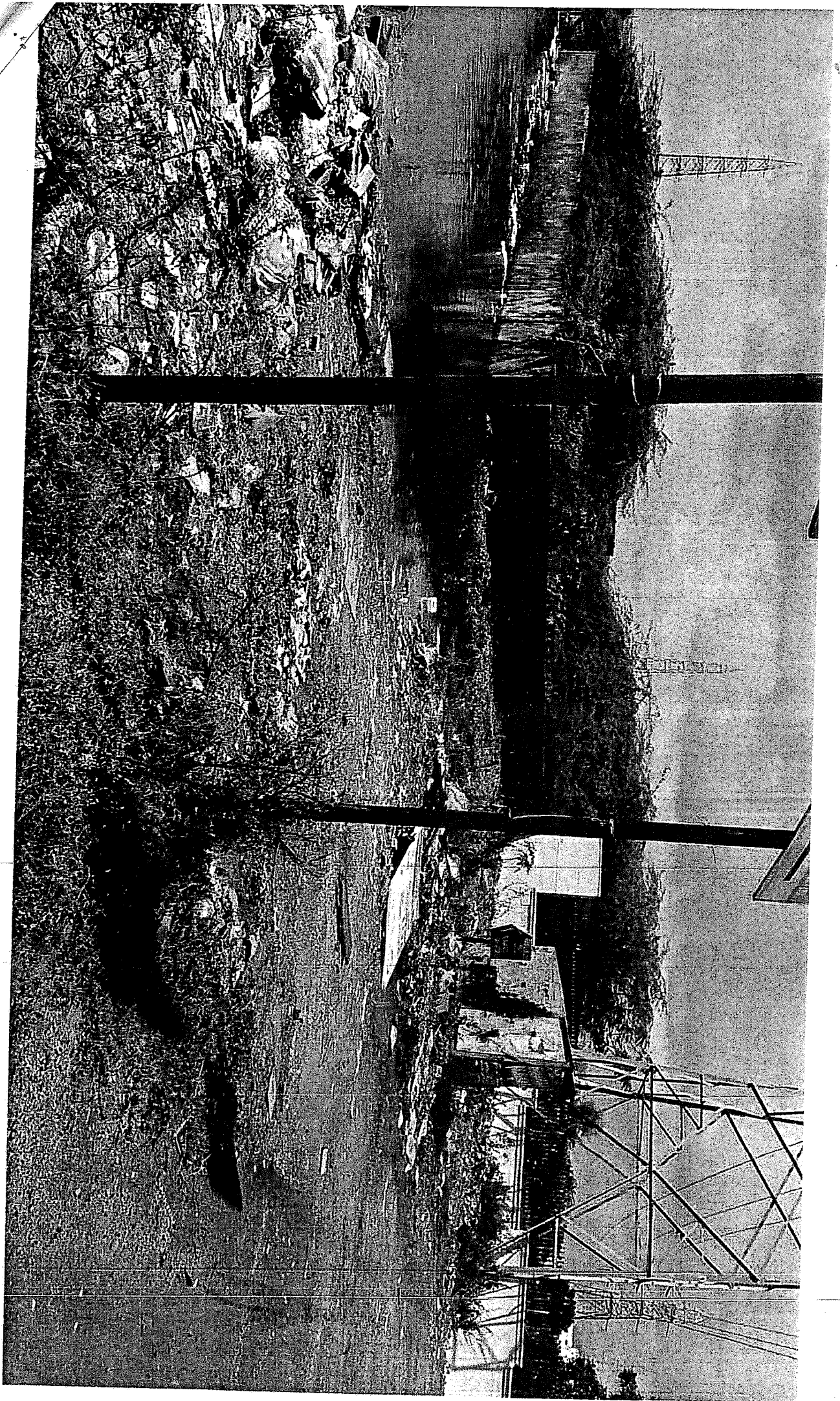
Transmission Line Voltage	Right of Way in Meters
11 kV	7
33 kV	15
66 kV	18
110 kV	22
132 kV	27

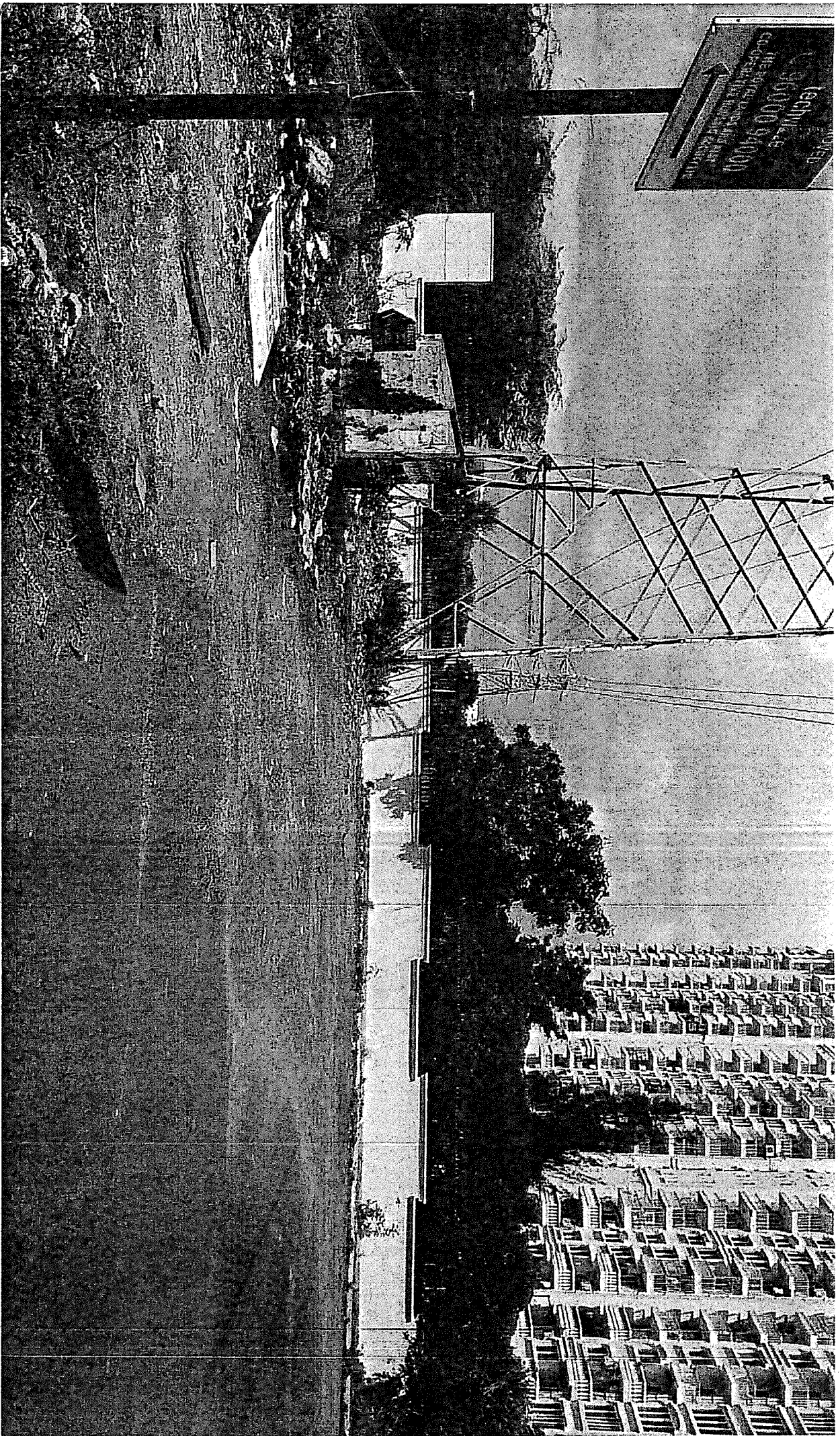
220 kV	35
400 kV S / C (Single Circuit)	46
400 kV D / C (Double Circuit)	46
± 500 kV HVDC	52
765 kV S / C (Single Circuit With Delta Configuration)	64
765 kV D / C (Double Circuit)	67
± 800 kV HVDC	69
1200 kV	89

• Only vertical Delta configuration of 400 kV S/C and Delta configuration of 765 kV S/C shall be permitted in the Forest Area.

• The following width clearance would be permitted for below each conductor or conductor bundle.

Transmission line with bundle conductor	Width Clearance below each conductor or Bundle conductor (meter)
Up to 400 kV Twin Bundle	3
400 kV Triple Conductor	5





DLF
GARDEN
CITY

DLF Garden City Rd

Thalambur Link Rd

DLF

Tha