



एक कदम स्वच्छता की ओर

पावर ग्रिड कारपोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उद्यम)

POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)



पावरग्रिड

दक्षिणी क्षेत्र पारेषण प्रणाली - II क्षेत्रीय मुख्यालय, आर.टी.ओ. ड्राइविंग टेस्ट ट्रैक के पास
सिंहनायकनहल्ली, येलहंका होब्ली, बेंगलूरु - 560 064.

Southern Region Transmission System - II RHQ., Near RTO Driving Test Track, Singanayakanahalli
Yelahanka Hobli, Bangalore - 560 064.

Registered Post with Acknowledgement Due

Ref: SR-II: RTI: F-877:2019/ 1951

Date: 30th August, 2019

To

Shri K.Elumalai,
Member of TN Farmers Union,
Chellangkuppam Village,
Kizhpennathur Circle – 606 755
Tiruvannamalai Town & Distt.

Sir,

Sub: Information sought under RTI Act, 2005 – reg.

This has reference to your two applications dated 01/06/2019 and 17/08/2019 under RTI Act, 2005 which have been received at this office on 30/07/2019 and 22/08/2019 respectively. The information sought from the above applications is enclosed as Annexure-A.

As per section 19 of the Right to Information Act 2005, if required, you may file an appeal to the First Appellate Authority of the organisation within 30 days of the issue of this order. The address of the First Appellate Authority is given below:

Shri S.Ravi,
Executive Director (SRTS-II)
Power Grid Corporation of India Ltd.,
Singanayakanahalli, Yelahanka Hobli,
Bangalore 560 064.
e-mail : sr2edo@gmail.com
Tel.No.: 080-23093701

Thanking you,

Yours faithfully,

(V.RAJESH)

General Manager & CPIO
e-mail id: sr2cpio@gmail.com
Tel.No.: 080-23093711

Encl.: As above

Copy to: ED(SRTS-II), Appellate Authority, POWERGRID, SRTS-II, Bangalore - for kind information.

स्वहित एवं राष्ट्रहित मे ऊर्जा बचाएं Save Energy for the Benefit of Self and Nation

पंजीकृत कार्यालय : बी-9, कुतब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली - 110 016. दूरभाष : 26560112. फैक्स : 011-26601081

कारपोरेट कार्यालय : प्लॉट सं: 02, सेक्टर-29, इफको चौक के पास, गुडगांव (हरियाणा)-122001. फैक्स : 0124-251760

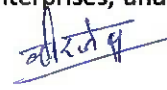
Registered Office : B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi - 110 016. Phone : 26560112. Fax : 011-26601081. Grams : NATGRID

Corporate Office : PLOT No. : 02, Sector-29, Near IFFCO CHOWK, GURGAON (HARYANA) - 122001 Fax : 0124-251760 EPABX : 0124-251700-719

CIN:L40101DL1989GOI038121

Reply to the RTI application of Shri K.Elumalai, Tiruvannamalai:

1. As per the Electricity Act, 2003 and Indian Telegraph Act, 1885.
2. Tree compensation amount will be paid as per assessment by the concerned Agricultural/ Horticultural/Forest Departments after due inspection.
3. No compensation is paid for open well, payment of compensation for borewell will be paid if it is infringing safety clearance of the transmission line as per guidelines and as per assessment of water resource and drainage department of State Government.
4. Tamil Nadu G.O.(Ms) No.63 dated 22/11/2017 will be followed.
5. Enclosed as Annexure I(a)
6. Enclosed as Annexure I(b)
7. M/s.SIMPLEX INFRASTRUCTURES LTD
Thiruvalem-Pugalur (QUAD) T/L Project
4/B, First floor, Kurinji Nagar,
Vengikkal, Tiruvannamalai,
Tamil Nadu-606604.
8. Power Grid Corporation of India Ltd., is a Government of India Enterprises, under the aegis of Ministry of Power.





Abstract

Energy Department – Adoption of Government of India, Ministry of Power, guidelines for payment of compensation towards damages in regard to Right of Way for transmission lines covering 110kv and 230 kv lines and above - orders issued .

Energy (A1) Department

G.O (Ms) No.63

Dated: 22.11.2017

ஹேவிளம்பி வருடம் கார்த்திகை 06,
திருவள்ளூர் ஆண்டு 2048

Read:

- 1 Government of India, Ministry of Power, Guidelines for payment of compensation towards damages in regard to Right of way for transmission lines, dated 15.10.2015
- 2 From Chairman, TANTRANSO, Letter No. CE/ C/ Tr/ SE/ C-I/ Tr/ D.No.59/16, dated 14.01.2016

ORDER:-

In the letter second read above, Chairman, TANTRANSO has stated that under the powers conferred in Electricity Act 2003, Indian Telegraph Act 1885, at present TANTRANSO is paying only crop compensation based on the rates assessed by the Revenue authorities for the various types of crops damaged and various types of trees removed which are essentially required to have adequate vertical and horizontal clearances as prescribed by the Indian Electricity Rules, as detailed below:

Voltage class		Ground Clearance	Sectional clearance
Not exceeding	66 kV	4.00 m	3.00 m
Not exceeding	132 kV	4.60 m	3.50 m
Not exceeding	220 kV	5.50 m	4.30 m
Not exceeding	400 kV	8.00 m	6.50 m

He has also stated that the land owners are insisting to pay compensation for the affected land also. Due to non provision for making compensation to land in the Act, the same could not be made to the land owners. The land owners are now being convinced by explaining non provision of compensation to land in the Act. Under these circumstances, the land owners show their objection legally. TANTRANSCO is often being put into struggle with a burden of heavy legal expenses to defend the court cases. Due to this schemes are being getting delayed and could not be brought into beneficial use in time, TANTRANSCO is facing financial losses through the idle investment.

2. The Chairman, TANTRANSCO has further stated that mean while Government of India, Ministry of Power has formulated the following guidelines regarding payment of compensation towards "damages" in regard to Right of Way for Transmission lines as stipulated in section 67 & 68 of the Electricity Act, 2003 read with section 10 and 16 of Telegraph Act, 1885 which will be in addition to the compensation towards normal crop and tree damages. This amount will be payable only for transmission lines supported by a tower base of 66 KV and above, and not for sub-transmission and distribution lines below 66 KV as follows:-

(i) Compensation @ 85% of land value as determined by District Magistrate or any other authority based on Circle rate/ Guideline value/ Stamp Act rates for tower base area (between four legs) impacted severely due to installation of tower/pylon structure.

(ii) Compensation towards diminution of land value in the width of Right of Way (RoW) Corridor due to laying of transmission line and imposing certain restriction would be decided by the States as per categorization/type of land in different places of States, subject to a maximum of 15% of land value as determined based on Circle rate/ Guideline value/ Stamp Act rates.

(iii) In areas where land owner/owners have been offered/accepted alternate mode of compensation by concerned Corporation/ Municipality under Transfer Development Rights (TDR) policy of State, the licensee/Utility shall deposit compensation amount as per (i) & (ii) above with the concerned Corporation/ Municipality/Local Body or the State Government.

(iv) For this purpose, the width of Right of Way corridor shall not be more than that prescribed in the table below and shall not be less than the width directly below the conductors.

Right of Way width for different voltage line as per the Ministry of Environment and Forests guidelines dated 05.05.2014 is as follows:-

Transmission Voltage	Width of Right of Way (in metre)
66 kV	18
110 kV	22
132 kV	27
220 kV	35
400 kV SC	46
400 kV DC	46
+/- 500 kV HVDC	52
765 kV SC (with delta configuration)	64
765 kV DC	67
+/- 800 kV HVDC	69
1200 kV	89

It has been stated to take action accordingly, and the guidelines might not only facilitate an early resolution of right of way issues but also completion of the vital transmission lines through active support of State/UT administration. Finally the States/UTs etc. were requested to take suitable decision regarding adoption of the guidelines, considering that acquisition of land is a State subject.

4. The Government after careful examination of the proposal of Chairman, TANTRANSCO have decided to accept the same. Accordingly, the Government order the adoption of Government of India, Ministry of Power guidelines for payment of compensation towards damages in regard to Right of way for transmission lines covering 110kv & 230kv lines and above as below, subject to the condition that it will be applicable only to new projects with prospective effect:-

- a) Compensation @ 85% of land value as determined by District Magistrate or any other authority based on Circle rate/ Guideline value/ Stamp Act rates for tower base area (between four legs).

b) Compensation towards diminution of land value in the width of Right of Way (RoW) Corridor due to laying of transmission line, subject to a maximum of 15% of land value as determined based on Circle rate/ Guideline value/ Stamp Act rates.

5. This order issues with the concurrence of Finance Department, vide its U.O.No 4555/ACS (F)/ P/2017 dated 22.11.2017.

(BY ORDER OF THE GOVERNOR)

VIKRAM KAPUR,
PRINCIPAL SECRETARY TO GOVERNMENT.

To
The Chairman, TANTRANSKO/ CMD, TANGEDCO
Chennai - 2
All District Collectors

Copy to:

Joint Secretary (Trans) Ministry of Power, Government of India, New Delhi.
The Chairman cum Managing Director, Power Grid Corporation, New Delhi.
The Senior PA to Hon'ble Chief Minister, Chennai -9.
The Senior PA to Hon'ble Deputy Chief Minister, Chennai -9.
The Senior PA to Hon'ble Minister for (Electricity, Prohibition and Excise)
Chennai -9.
Senior PS to Principal Secretary to Government, Energy Department,
Chennai -9.
MA & WS / RD & PR/ Finance / Revenue Department, Chennai-9.
SF/SC.

//Forwarded By Order//

adm. in
22.11.2017

SECTION OFFICER

adm
22.11.17

ED (CT)



Sh. JSK, DGM

H. Babu
9/12/2015
23/2/16

भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केंद्रीय विद्युत प्राधिकरण



Central Electricity Authority

विद्युत प्रणाली योजना एवं परियोजना मूल्यांकन प्रभाग-II [ISO: 9001:2008]

Power System Planning & Appraisal -II Division

सेवा भवन, रा. क. पुरम, नयी दिल्ली - 110066

Sewa Bhawan, R. K. Puram, New Delhi-110066

No. 52/11(PGCIL)/2015-PSPA-II/134

Dated: 18.02.2016

To

Chairman & Managing Director,
Powergrid Corporation of India Ltd.,
Plot No.2, Sector-29, Near IFCO Chowk,
Gurgaon-122001

Subject: Prior approval of the Government under Section 68(1) of Electricity Act, 2003 for (i) Raigarh - Pugalur 600 MW HVDC system, (ii) AC system strengthening at Pugalur end, and (iii) Pugalur - Trichar 2000 MW VSC Based HVDC System - modification regarding.

Reference: i) PGCIL letters no C/CP/section-68 dated 16.02.2016.


Sir,

CEA vide letter no. 52/11(PGCIL)/2015-PSP&PA-II/251-52 dated 29.09.2015 has granted Prior approval of the Government under Section 68(1) of Electricity Act, 2003 for "(i) Raigarh - Pugalur 600 MW HVDC system, (ii) AC system strengthening at Pugalur end, and (iii) Pugalur - Trichar 2000 MW VSC Based HVDC System" scheme by Powergrid Corporation of India Ltd. (PGCIL) (copy enclosed at Annexure-I). PGCIL vide letter under reference has requested that clause 6 (iii) of the letter conveying prior approval of the Government may be deleted.

In partial modification of the prior approval of the Government already granted for the scheme, the clause 6 (iii) may be read as given below:

"The implementing agencies shall abide by the provisions of Works of Licensee Rules, 2006 notified by the Government of India, Ministry of Power in the Gazette of India, extra-ordinary Part-II, Section 3(i) dated 18-04-2006 (vide GSR 217 (E) dated 18-04-2006)". Provided that "nothing contained in this rule shall effect the powers conferred upon the licensee under section 164 of the Electricity Act 2003"

Yours faithfully,


18/2/16
(P. D. Siwal)
Secretary (CEA)

Copy to: Joint Secretary (Trans), MOP, Shram Shakti Bhawan, New Delhi.

Copy to: Coo (CTU)

ED (SRTS-I) / SRTS-II / NRTS-I

ED (SRTS-III)



Government of India
Ministry of Power
Central Electricity Authority
Power System Planning & Project Appraisal-II Division
Sewa Bhawan, R.K. Puram New Delhi - 110 065



ISO : 9001 : 2008

No 52/11(PGCIL)/2015-PSP&PA-IV

Dated: 24-09-2015

To
Chairman cum Managing Director, 251-52
Power Grid Corp. of India Ltd.,
"Saudamini", Plot No.2, Sector-29,
Gurgaon - 122 001, Haryana.

Subject: Prior approval of the government under section 68(1) of EA, 2003 for "(i) Raigarh-Pugalur 8000 MW HVDC System, (ii) AC System strengthening at Pugalur end, and (iii) Pugalur- Trichur 2000 MW VSC Based HVDC System" schemes of PGCIL.

Ref
1-MoP's letter no. 15/9/2013-Trans dated 22.09.2015
2-PGCIL letter no C/CTU-PigAS/Raigarh-Pugalur dated 1st September, 2015.
3- PGCIL letter no C/CP/ Raigarh-Pugalur HVDC dated 26.08. 2015 and 15.06.2015
4-Minutes of Joint Meeting of SCSP of SR and WR dated 28-May-2015.

Sir,

1. This has reference to POWERGRID's letter no. dated 01.09.2015 and 15.06.2015 seeking prior approval of Government under Section 68(1) of Electricity Act, 2003 for following three schemes:
Scheme # 1: Raigarh-Pugalur 6000 MW HVDC System
Scheme # 2: AC System strengthening at Pugalur end
Scheme # 3: Pugalur- Trichur 2000 MW VSC Based HVDC System
2. In this regard, MoP vide their letter dated 22nd September, 2015 has informed that the above HVDC and AC schemes will be implemented by PGCIL through regulated tariff mechanism.
3. The above schemes with following scope of works were discussed and agreed in the Joint meeting of the Standing Committee on Power System Planning of Southern Region and Western Region held on 20.04.2015 in Delhi.
Scheme # 1: Raigarh-Pugalur 6000 MW HVDC System
 1. Establishment of Raigarh HVDC Station ± 800 kV with 6000 MW HVDC terminal. (This Raigarh Station would be implemented with extended bus of Raigarh(Kotra) existing 400kV S/S. The HVDC Station would have GIS for 400kV part and AIS for HVDC part.)
 2. Establishment of Pugalur HVDC Stn ± 800 kV with 6000 MW HVDC terminal. (The HVDC Station would have GIS for 400kV part and AIS for HVDC part.)
 3. ± 800 kV Raigarh (HVDC Stn) - Pugalur (HVDC Stn) HVDC Bipole link with 6000 MW capacity.
[This system would be designed with normal 20% overload for 30 minutes and 10% overload for 2 hours.]Scheme # 2: AC System strengthening at Pugalur end
 1. Pugalur HVDC Station - Pugalur (Existing) 400kV (quad) D/c line

2. Pugalur HVDC Station – Arasur 400kV (quad) D/c line.
3. Pugalur HVDC Station – Thiruvalam 400kV (quad) D/c line with 2x80 MVAR line reactor at Pugalur HVDC Station end and 2x63 MVAR line reactor at Thiruvalam 400kV end. (existing 1x63 MVAR bus reactor shall be utilized as line reactor in one circuit and second circuit shall have new 63 MVAR line reactor)
3. Pugalur HVDC Station – Edayarpalayam 400kV (quad) D/c line.
4. Edayarpalayam – Udumulpala 400kV (quad) D/c line.
(Establishment of 400/220kV substation at Edayarpalayam with 2x500 MVA transformers and 2x125 MVAR bus reactors would be under the scope of TANTRANSCO. The bay(4 nos) for ISTS transmission lines at Edayarpalayam would be implemented as ISTS.)

Scheme # 3: Pugalur- Trichur 2000 MW VSC Based HVDC System

1. ± 320 kV, 2000 MW VSC based HVDC terminal at Pugalur. The HVDC Station would have GIS for 400kV part and AIS for HVDC part.
2. ± 320 kV, 2000 MW VSC based HVDC terminal at North Trichur. The HVDC Station would have GIS for 400kV part and AIS for HVDC part.
3. Establishment of VSC based 2000 MW HVDC link between Pugalur and North Trichur (Kerala).
(*part/parts of this link, in the Kerala portion, may be implemented as underground cable where implementation as overhead transmission line is difficult because of RoW issues).
4. LfLO of North-Trichur – Cochin 400 kV (Quad) D/c line at North Trichur HVDC Str.

4. Considering above, CEA conveys the prior approval of Government under Section 68(1) of Electricity Act, 2003 to PGCIL for the three schemes with scope of works as mentioned above.
5. This approval is subject to compliance of:
 - (a) The requirement of the relevant provisions of the Electricity Act, 2003, as amended from time to time and the rules and regulations framed there under, and
 - (b) CEA's (Measures relating to Safety and Electrical Supply) Regulations, 2010 framed under the Electricity Act, 2003.
6. The approval is also subject to the following conditions:
 - i) The implementing agency will commence construction of the project within three years, unless this term is extended by the Central Electricity Authority.
 - ii) Central Electricity Authority may withdraw the approval before the expiry of the period of three years after giving a one month notice.
 - iii) The implementing agencies shall abide by the provisions of Works of Licensee Rules, 2006 notified by the Govt. of India, Ministry of Power in the Gazette of India, extra-ordinary Part-II, Section 3(i) dated 18-04-2006 (vide GSR 217 (E) dated 18-04-2006).

Yours faithfully


(P. D. Siwal)

Secretary, CEA

Copy (for information):

Joint Secretary (Trans), Ministry of Power, Shram Shakti Bhawan, New Delhi- 110001.