



C A No. Applied For
Complaint No. 109/2021

In the matter of:

Pan BibiComplainant

VERSUS

BSES Yamuna Power LimitedRespondent

Quorum:

1. Mr. Arun P Singh (Chairman)
2. Mrs. Vinay Singh, Member (LAW)

Appearance:

1. Ms. Pan Bibi, complainant
2. Mr. Imran Siddqi and Ms. Shweta Chaudhary, On behalf of BYPL

ORDER

Date of Hearing: 17th November, 2021

Date of Order: 17th November, 2021

Order Pronounced By:- Mr. Arun P Singh (Chairman)

Briefly stated facts of the case are that the complainant applied for new electricity connection but the respondent has not released the same till date.

It is also her submission that she applied for new electricity connection under domestic category vide application no. 8005029800 for a load of 1 KW on dated 23.07.2021 but the respondent company rejected her application for new connection on the pretext of "premises is under "RIGHT OF WAY" of HT Line.

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Therefore, she requested the forum to direct the respondent for immediate release of the new connection.

Notices were issued to both the parties to appear before the Forum on 27.10.2021. Notice was also issued to DGM, DTL, Room No. 105, 22KV Office Complex, Patparganj, Delhi-110092 for providing name and voltage level of the transmission line, electrical clearances and approximate location of the premises with respect to adjacent towers for the premises.

The respondent in their reply stated that the complainant applied for new electricity connection at the premises no. H.No. 1A, GF, Kh.No. 32, Gali No. 1, Ambey Enclave, Chauhan Patti, Sabhapur, Delhi-110031, for domestic purpose vide request no. 8005029800 dated 23.07.2021.

On site verification it was found that the premises in issue is under RIGHT OF WAY of HT Line, a deficiency letter was issued to the complainant on 19.08.2021 duly intimating the complainant that "Premises is under RIGHT of way of HT Line" (Horizontal distance from premise to HT line conductor is 4.55 meters approx. Vertical distance from ground to HT Conductor is 10.94 meters approx and vertical distance from roof to H.T. conductor = $10.97 - 7.95 = 3.02$ meters approx), and the building height is 7.95 meter hence, the new electricity connection is not possible.

It was also their submission that Dy. Secretary (Dept. of Power) vide its letter dated 18.01.2017 has clarified that DISCOMS cannot provide electricity connections under HT lines as, as per CEA Regulations 2010, there is a right of way for the HT lines under various voltage level. Accordingly, since the issuance of the said letter the DISCOMS are not issuing electricity connection under HT lines. It was also mentioned that 220 KV HT lines pertains to DTL and only DTL can ascertain the clearance of the connection as per CEA Regulations.



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The matter was listed for hearing on 27.10.2021, when respondent filed their reply but no report received from DTL. Secretary of the Forum was directed to issue another letter to DTL regarding distance of towers etc.

DTL vide their letter no. F.DTL/206/2021-22/Mgr. (T) O&M (E-4)/TR-794/242 dated 08.11.2021 submitted that site was jointly inspected with BYPL and the horizontal clearance of the structure from perpendicular to the bottom phase conductor are 5.0 meters. Location of the premises with respect to adjacent tower and tower no. :- Approx 120 meter from tower no. 29.

The matter was again heard on 11.11.2021 when DTL filed their report. Some clarification for the mumty is required by the Forum and water tank above the mumty should be removed and to be kept on the first floor. Respondent was directed to file fresh revisit report.

As per the orders of the Forum Respondent submitted inspection report conducted on 15.11.2021 team and it was found that:

1. **Water tank has been removed from Mumty roof.**
2. Terrace Roof = 24 meter
3. Mumty Area = 7X13X3 feet = 273 feet
4. Mumty Height = 7 feet
5. Construction work completed.

The matter was finally heard on 17.11.2021, when arguments of both the parties were heard and matter was reserved for orders.

We have gone through the submissions made by both the parties and heard their arguments. From the narration of facts and material placed before us we find that the premises where the electricity connection has been requested by





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the complainant is in the right of way width of 220 KV (EHV) Transmission line of DTL as submitted by the respondent and on this ground itself the respondent rejected the request quoting the letter no. F-11(17)/2014/Power/91 dated 18.01.17 from Govt. of NCT (Department of Power), New Delhi. The relevant portion is as under:-

"Connection under high tension lines: As per CEA Regulations 2010 there is a right of way for the HT lines under various voltage levels. No construction is allowed under these HT lines as per the right of way specified in the said CEA Regulation."

As per classification of the voltages by CEA-the 220KV voltage is classified under Extra High Voltage (EHV) and the building is not under the line as per explanation given at Schedule X for Rule 61 of CEA Safety Regulations. Also in the agenda point no. 4 for the 4th meeting of CEA standing committee on electrical safety, in January 2019, states as under:-

"In this regard, it may be stated that CEA Electrical Safety Regulations, 2010, with its present amendments does not cover/indicate the ROW requirements for transmission lines. Neither has it showed any relation of ROW with the electric safety clearance specified in Regulation 58, 60 and 61 of CEA Electrical Safety Regulations, 2010. Due to this, problem is being faced by the Transmission/Distribution licensees in prohibiting people from construction of permanent structures below or close to the EHV or HV electric corridors."

In a similar matter (complaint No. 73/2019), of Sunita Kumari, a letter was written to the Assistant Electrical Inspector, for safety clearances from 220 KV transmission lines, for their opinion/comments.

The Electrical Inspector, vide letter no. ED.4(01)/EI/2020/57 dated 31.01.2020 specify that "the present matter does not come under purview of Regulation 63 of the Central Electricity Authority (Measures relating to safety and Electric

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Supply) Regulations, 2010. However, the minimum vertical and horizontal clearances of the lines are to be maintained in accordance with the provisions under Regulation 61 of the Central Electricity Authority (Measures relating to safety and Electric Supply) Regulations, 2010. Further, the measurement of vertical and horizontal clearances of lines shall be as specified in Schedule X of the said Regulations."

There is no provision in the Act, CEA Regulations and DERC Regulations, which prohibits release of electricity connection in houses and permanent structures near or close to EHV line if electrical safety clearances as specified in Regulations 58, 60 and 61 of CEA electrical safety regulations 2010 are available for that particular construction. Regulations 61 of CEA 2010, is as under:-

61 Clearances from buildings of lines of voltage exceeding 650V : (1) An overhead line shall not cross over an existing building as far as possible and no building shall be constructed under an existing overhead line.

(2) Where an overhead line of voltage exceeding 650 V passes above or adjacent to any building or part of the building it shall have on the basis of maximum sag a vertical clearance above the highest part of the building immediately under such line, of not less than:-

- | | |
|--|---|
| (i) For lines of voltages exceeding 650 Volts
Upto and including 33,000 volts | 3.7 meters |
| (ii) For lines of voltages exceeding 33 KV | 3.7 meters plus
0.30 meter for ever
additional 33,000 volts or
part thereof. |

(3) The horizontal clearance between the nearest conductor and any part of such building shall, on the basis of maximum deflection due to wind pressure be not less than:-

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(i) For lines of voltages exceeding 650 Volts Upto and including 11,000 volts	1.2 meters
(ii) For lines of voltages exceeding 11, 000 V And upto and including 33, 000 V	2.0 meters
(iii) for lines of voltages exceeding 33 KV for	2.0 meters plus 0.3 meter every additional 33,000 volts or part thereof.

Provisions for electrical safety in the DERC Regulations are as under:-

5. Safety of electrical installations:- (1) The Licensee and the consumer shall, in every respect, comply with the provisions of the Central Electricity Authority (Measures Relating to Safety and Electric Supply) Regulations, 2010, as amended from time to time.

The, under the line condition and line passing adjacent to the building sketch has also been shown on schedule X for the Rule 61 of CEA Regulations, which indicates that if any portion of a building/construction lies between the vertical space between the spread width of the outermost conductors (along with swings due to wind pressure), then the Building/construction is said to be under the line. In the present case the building/construction is not under the line and the line is not passing/adjacent to the building, as per details submitted by the respondent.

The details submitted by the respondent are as under:-

- i) Height of the conductor from ground 13.20 meters approx
- ii) Height of the building- 11.30 meters approx
- iii) Horizontal distance between line and building- 5 meters (the line is neither adjacent to the building nor the building is under the line as per diagram of Schedule XA for Rule 61, CEA Safety Regulations).



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Thus, there is no violation of Regulations 58, 60 and 61 of the CEA electrical Safety Regulations 2010. However, keeping in view the swing and maximum sag conditions, the complainant is directed to observe necessary caution and restrict entry to the area on the roof towards the EHV line particularly during strong wind/storm conditions. The complainant is required to submit undertakings as under:

- i) That she shall not extend the present building structure without prior permission from BYPL/DTL. Jointly signed sketch of the premises, mentioning the present clearances shall also be part of the agreement for release of this connection.
- ii) That whenever there is any amendment in Electrical Safety Rules particularly ROW width and her house/building is found infringing any rule regarding electrical safety, the electricity connection shall be disconnected.
- iii) The respondent is directed to release the connection after completing all necessary commercial formalities and submission of affidavits/undertakings as mentioned in the order.

The case is disposed off as above.

No order as to the cost. Both the parties should be informed accordingly.
Proceedings closed.



(VINAY SINGH)
MEMBER (LAW)



(ARUN P SINGH)
CHAIRMAN