GOVERNMENT OF ASSAM ENVIRONMENT, FOREST AND CLIMATE CHANGE DEPARTMENT JANATA BHAWAN, DISPUR, GUWAHATI-6

No. 358347/I/1090878/2025

Dated Dispur, 29-05-2025

To: The Deputy Director General of Forest (Central), Ministry of Environment, Forest & Climate Change, Sub Office, Guwahati (Under Regional Office, Shillong) 4th Floor, Housefed Building, G.S Road, Rukminigaon, Guwahati-781022.

Sub: Proposal for diversion of 2.1249 ha forest land for construction 132 KV single circuit transmission line double circuit tower from 220 KV Salakati GSS to 132 KV APM GSS in Bhairab Hill PRF under Aie Valley Division, Bongaigaon by AEGCL – reg.

Ref: 1. Letter No. FG.27/FCA/Proposal/Salakati Trans Line/AEGCL dtd. 9/5/2025. 2. Your letter No. 3-AS B/120/2022/GHY/228-29 dated 02.06.2024.

Madam/Sir,

With reference to the subject cited above, I am directed to forward herewith the reply received vide letter under reference (1) regarding forest diversion proposal of 2.1249 ha forest land for construction 132 KV single circuit transmission line double circuit tower from 220 KV Salakati GSS to 132 KV APM GSS in Bhairab Hill PRF under Aie Valley Division, Bongaigaon for favour of your kind perusal and necessary action.

Enclo: As stated

Yours faithfully,

Digitally signed by MAUCHUMI BARUA Date: 29-05-2025

Secretary to the Govt. of Assam, Environment, Forest and Climate Change Department

Memo No. 358347/I/1090878/2025-A

Dated Dispur, 29-05-2025

Copy forwarded to:

The Chief Conservator of Forests & Nodal Officer (FC Act), o/o PCCF & HoFF, Assam, Panjabari, Guwahati-37.

e-signed Secretary to the Govt. of Assam, Environment, Forest and Climate Change Department Seef (MB)

GOVERNMENT OF ASSAM OFFICE OF THE PRINCIPAL CHIEF CONSERVATOR OF FORESTS AND HEAD OF FOREST FORCE, ASSAM ARANYA BHAWAN, PANJABARI, GUWAHATI-37

No. FG.27/FCA/Proposal/Salakati Trans Line/AEGCL

Date: 09.05.2025

To,

The Special Chief Secretary (Forests) to the Government of Assam, Environment, Forest and Climate Change Department, Dispur, Guwahati-6.

Sub: - Proposal for diversion of 2.1249 hectare of forest land for construction of 132 KV single circuit transmission line double circuit tower from 220 KV Salakati GSS to 132 KV APM GSS in Bhairab Hill PRF under Aie Valley Division, Bongaigaon by AEGCL – reg.

Ref: - Govt. of India letter No. 3-AS B/120/2022/GHY/228-29 dated 02.06.2024.

Sir,

Reference is invited to the subject and letter cited above. In this context, the undersigned is submitting herewith the information/documents as sought by the Government of India, MoEF & CC, Sub Office under Regional Office, Guwahati vide their letter No. 3-AS B/120/2022/GHY/228-29 dated 02.06.2024 as under-

Govt. of India letter No. 3-AS B/120/2022/ GHY/228-29 dated 02.06.2024	Information Provided
No. (1)	The total length of the proposed transmission line ranges between 42.767 K.M. and 50.086 KM which passes through Bhairab Hill Reserves Forest and Nakkati Reserved Forest under Aie Valley Division. All the three proposed routes passes through these Reserved Forests but the Route No. 1 (0.939 KM, Bhairab RF) involves the minimum forest land. The details break up and map showing the tree alternative routes is enclosed herewith as Annexure-I & II . The shortest route selected by the User Agency (AEGCL) will lead to minimum diversion of Reserved Forest area.
No. (2)	The DFO, Nagaon Wildlife Division has submitted the CA Scheme (2.125 Ha.), Site suitability certificate, SOI Toposheet Map, Geo-Reference Map & KML file of the Compensatory Afforestation land allotted from the land bank of 830 ha of evicted non-forest land bank laying adjacent to Burachapori Wildlife Sanctuary under Nagaon Wildlife Division vide letter No. WLN/A/Diversion/2025/2305-08 dated 09.04.2025 (Copy enclosed).
No. (3)	The RoW of the proposed transmission line is 27 meter (13.5 meter on either side from centre of tower).

It is requested that the aforementioned details may be communicated to the Sub Office, MoEF&CC, Government of India for further processing of the forest diversion proposal.

Encl: As above.

4105/25

Rajendra Approved
G Approved
G Approved
Rajendra G Garawad
Garawad
Date: 2025.05.09
17:52:03 +0530

Chief Conservator of Forests & Nodal Officer (FC Act)

Email: addlpccf.nodal@gmail.com

Copy for kind information to:

- 1. The Deputy Director General of Forest (Central), Sub Office, Guwahati (Under Regional Office, Shillong), Government of India, Ministry of Environment, Forest & Climate Change, 4th Floor, Housefed Building, G.S. Road, Rukminigaon, Guwahati
- 2. The Divisional Forest Officers, Aie Valley Division, Bongaigaon.
- 3. The Asstt. General Manager, 132 KV Grid Substation Division, Assam Electricity Grid Corporation Limited, , Dhaligaon, Chirang.

Parameter Comments of the control of

120

DI AILS OF THE PROPOSED ROUTE FOR THE TRANSMISSION LINE UNDER SALAKATI DIVISION

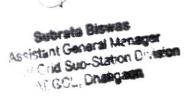
"Alternative Route	Total Length (km)	Forest Route Length (km)	Total Forest Cover Under Salakati (km)	Total Forest Cover Under Dhaligaon (km)	Name of the Reserved Forest
Route-I	42.767	1.658	0.719 (1.9143Ha)	0.939	Nadangiri RF (Under Haltugaon Division)0.719km Bhairab RF (Under Aie Valley Division)0.939 km.
Route-II	50.086	5.00	0.719	4.300	Nakkati Hill RF (4.00km) Bhumeshwar Hill RF(1.00km)
Route-III	48.669	13.480	1.00	12.480	Bhairab RF(4.230km) Chakrasila RF(5.150km) Shrigram RF(3.10km) Nadangiri RF (1.00km)

Route I. i.e. 1.658km (=0.939km Bhairab PRF and 0.719km=Nadangiri Hilly RF)
Out of 1.658km area covered under forest land. Salakati Division Handles 0.719km of
Nadangiri RF which is under Haltugaon Forest Division.

*In Principal Approval /Stage-I Clearance of Central Govt. for diversion of 1.9143Ha of forest land of Nadangiri RF under Haltugaon Division for Construction 132kV S/C Transmission Line from Salakati S/S -APM to Salakati Division, AEGCL was granted vide letter no. 3.AS B 044/2021/GHY/3988-89; dtd. 26.05.2023

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Audistern General

Alternative Route	Total Length (km)	Forest Route Length (km)	Name of the Reserved Forest and Route Length	Forest Division
Route-I (Final Marked in	42.767	1.658	Bhairab RF (0.939km) (Forest Area: 2.1249Ha)	Aie Valley Forest Division
Magenta) (Selected route by AEGCL)			Nadangiri RF (0.719km)	Haltugaon Forest Division
Alternative Route- II(Marked in Blue)	50.086	5.00	Nakkati Hill RF (1.00km)	Aie Valley Forest Division
			Bhumeshwar Hill RF(4.00km)	Chirang Forest Divison
Alternative Route- III(Marked in	48.669	13.480	Bhairab RF(4.230km)	Aie Valley Forest Division
Green)			Chakrasila RF(5.150km)	Haltugaon Forest Divsion
			Shrigram RF(3.10km)	Dhubri Forest Division
			Nadangiri RF (1.00km)	Haltugaon Forest Division



CERTIFICATE FROM COMPETENT AUTHORITY REGARDING SUITABILITY OF THE AREA IDENTIFIED FOR COMPENSATORY AFFORESTATION

Certified that the proposed site for 2.125 Ha. Compensatory Plantation against the diversion proposal of 2.1249 Ha. forest land for construction of 132 KV S/C T/L on D/C tower from Salakati GGS to APM under Aie Valley Division, Bongaigaon (Proposal No. FP/AS/TRANS/33699/2018) has been allotted inside the compensatory afforestation land bank of 830 Ha. of evicted non forest land adjacent to Burhachapori Wildlife Sanctuary under Nagaon Wildlife Division, Nagaon and upon inspection, it is found to be suitable for raising Compensatory Afforestation Plantation. Especially Species like Ajhar (*Lagerstroemia speciosa*), Jamun (*Syzygium cumini*), Kadam (*Neolamarckia cadamba*), Koroi (*Albizia procera*), Sisue (*Dalbergia sissoo*), Khair (*Senegalia catechu*), Jia Poma (*Lannea coromondalica*), Bhelkor (*Trewia nudiflora*), Arjun (*Terminalia arjuna*), Bombax caiba (Simul) etc. are suitable for plantation in the proposed area.

Divisional Forest Officer, Nagaon Wildlife Division, Nagaon



CA Scheme for 2.125 Hectare Artificial Regeneration (AR) Plantation for AEGCL (Proposal No. FP/AS/TRANS/33699/2018)

 Area (ha.)
 2.125

 Spacing (m x m)
 2 X 2

 Number of Saplings/ ha
 2500

 Length of Fence (RM)
 608 *

 Wage rate (Rs.)
 353

 Increase in wage rate for subsequent years by a factor
 1.1 **

Sl.	Particulars of works	Units	Qty./ Ha.	Total Qty.	Rate/ Unit	Amount (Rs.)
No.						*****
A	ERECTION OF FENCING					
	(a) Cost of full chain link fencing (4' ht with 10 guage 3" dia link) with 3 strand barbed wire (one strand below the chain link and two strand above the chain link), to be filled on pre-cast RCC pillars of specific specification and size (2.1m x 0.125m x 0.125m) as per detail specification attached at 2.5 m apart, including	RMs		608	1661	10,09,888.00
	transportation, fitting and fixing for 643 RM @ Rs. 1661/RM as per estimate					
	Sub Total					10,09,888.00
В	INFRASTRUCTURE IN PLANTATION AREA					
	Cost of tools & implements	Set		1	10000	10,000.00
	Cost of RCC signboard & Gate including fitting and fixing of the same	Nos.		1	40000	40,000.00
	Sub Total					50,000.00
C	ADVANCE WORK					
	Raising of Nursery for creation including vacancy filling for 3 (three) years (25% + 15% + 10%) and site nursery mortality 15% by using polypots	Nos.	4125	8765.625	10	87,656.00
	Site selection, surveying, demarcation, jungle cutting, slash disposal etc. 40 DLs/ha.	DLs	40	85	353	30,005.00
	Sub Total					1,17,661.00
D	CREATION					
	Soil working, carriage of stumps, polypot seedling and planting at the plantation site including, dibbling of seeds wherever necessary to complete raising of plantation with all necessary operation @ 50 DLs/ ha	DLs	50	106.25	353	37,506.00
	Sub Total					37,506.00
E	1ST YEAR MAINTENANCE					
	4 weeding, mulching and fire protection works @ 25 DLs/ ha/ weeding	DLs	100	212.5	353	75,013.00
	Contingency	LS				5,000.00
	Sub total					80,013.00
F	2 ND YEAR MAINTENANCE					-
	4 weedings, mulching & fire protection works @ 25 DLs/ha/weeding	DLs	100	212.5	388.3	82,514.00
	25% vacancy filling by 1 year old seedlings from nursery @ 28 DLs/ha	DLs	28	59.5	388.3	23,104.00
	Maintenance and protection by way of deploying of watch & ward for site nursery & plantation area (1 DL for 365 days)	Dls	1	365	388.3	1,41,730.00
	Contingency	LS				5,000.00
	Sub Total					2,52,348.00



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SI no.	Particulars of works	Units	Qty./ Ha.	Total Qty.	Rate/ Unit	Amount (Rs.
G	3 RD YEAR MAINTENANCE					
	4 weedings, mulching & fire protection works @ 20 DLs/ ha/ weeding	DLs	80	170	427.13	72,612.00
	15% Vacancy filling by 2 year old seedlings from nursery @ 23 DLs/ ha	DLs	23	48.875	427.13	20,876.00
	Maintenance and protection by way of deploying of watch & ward for site nursery & plantation area (1 DL for 365 days)	Dls	1	365	427.13	1,55,902.00
	Contingency	LS				5,000.00
	Sub Total					2,54,390.00
H	4 TH YEAR MAINTENANCE					
	3 weedings, fire protection works @ 15 DLs/ ha/ weeding	DLs	45	95.625	469.84	44,929.00
	10% Vacancy filling by 3 year old seedlings from nursery @ 20 DLs/ ha	DLs	20	42.5	469.84	19,968.00
	Maintenance and protection by way of deploying of watch & ward for site nursery & plantation area (1 DL for 365 days)	DLs	1	365	469.84	1,71,493.00
	Contingency	LS				5,000.00
	Sub Total					2,41,390.00
I	5 TH YEAR MAINTENANCE					
	Climber cutting, 3 weedings & other silvicultural works and fire protection works @ 15 DLs/ ha	DLs	45	95.625	516.83	49,422.00
	Maintenance and protection by way of deploying of watch & ward for site nursery & plantation area (1 DL for 365 days)	Dls	1	365	516.83	1,88,642.00
	Contingency	LS				5,000.00
	Sub Total					2,43,064.00
J	6TH YEAR MAINTENANCE	193				
	Repairing of Chainlink fencing	LS				25,000.00
	1st mechanical thinning of alternate single strips in the plantation; 1250 nos of stems/ha	DLs	62	132	568.51	74,901.00
	Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ ha	DLs	10	21.25	568.51	12,081.00
	Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS				5,000.00
	Contingency	LS				5,000.00
	Sub Total					1,21,982.00
K	7TH YEAR MAINTENANCE					
	Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ ha	DLs	10	21.25	625.36	13,289.00
	Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS				5,000.00
	Contingency	LS				5,000.00
	Sub Total					23,289.00



SI no.	Particulars of works	Units	Qty./ Ha.	Total Qty.	Rate/ Unit	Amount (Rs.)
L	8th YEAR MAINTENANCE		+			Trans-calcage and care care
	Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ ha	DLs	10	21.25	687.90	14,618.00
	Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS			8	5,000.00
	Contingency	LS				5,000.00
	Sub Total					24,618.00
M	9th YEAR MAINTENANCE					
	Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ ha	DLs	10	21.25	756.69	16,080.00
	Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS				5,000.00
	Contingency	LS				5,000.00
	Sub Total					26,080.00
N	10th YEAR MAINTENANCE					
	Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ ha	DLs	10	21.25	832.36	17,688.00
	Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS				5,000.00
	Contingency	LS	+			5,000.00
	Sub Total	·				27,688.00
	Total	Total		25,09,917.00		
	Over Head Cost (50% of Compensatory Afforestation)					12,54,959.00
	Cost of protection and Fencing of CA Land Bank from encrochment etc.	LS				30,00,000.00
	Grand Total					67,64,876.00

Technically Approved By:

CCF & Nodal Officer (FC Act) o/o PCCF & HoFF, Assam

Note:

* subject to actual measurement in the field.

** subject to revision of schedule of rates.

Prepared by

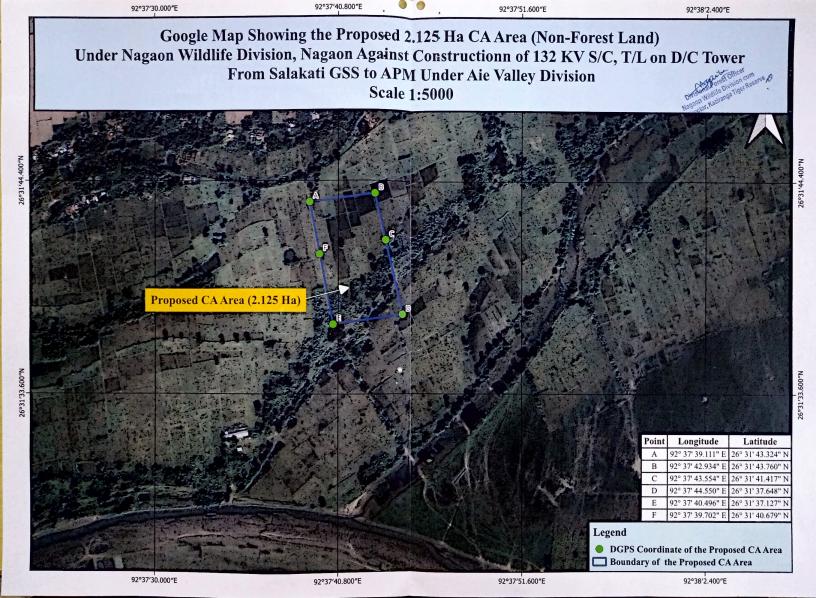
DFO, Nagasa WL Division

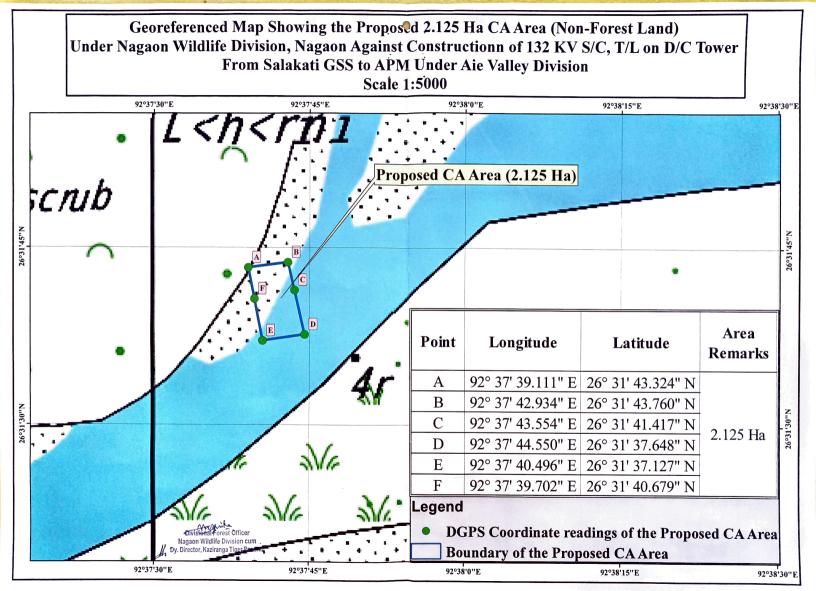
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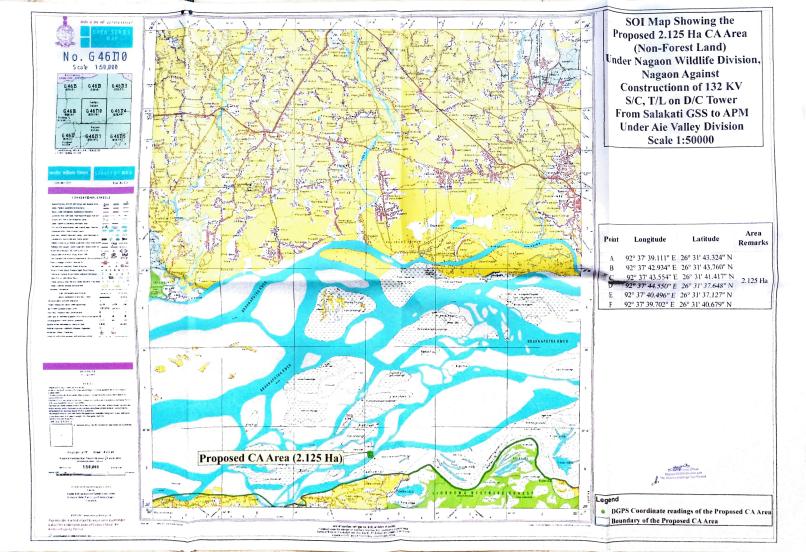
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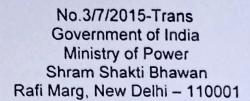
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Dated, 15th October, 2015

To

 Chief Secretaries/Administrators of all the States/UTs (As per list attached)

Chairperson, CEA, New Delhi with the request to disseminate the above guidelines to all the stakeholders.

3. CMD, PGCIL, Gurgaon.

4. CEO, POSOCO, New Delhi.

Secretary, CERC, New Delhi.

6. CMD of State Power Utilities/SEBs

Subject:

Guidelines for payment of compensation towards damages in regard to Right of Way for transmission lines.

During the Power Ministers Conference held on April 9-10, 2015 at Guwahati with States/UTs, it has inter alia, been decided to constitute a Committee under the chairmanship of Special Secretary. Ministry of Power to analyse the issues related to Right of Way for laying of transmission lines in the country and to suggest a uniform methodology for payment of compensation on this count. Subsequently, this Ministry had constituted a Committee with representatives from various State Governments and others. The Committee held several meetings to obtain the views of State Governments on the issue and submitted its Report along with the recommendations (copy of the Report is at Annex-1).

- 2. The Recommendations made by the Committee are hereby formulated in the form of following guidelines for determining the compensation towards "damages" as stipulated in section 67 and 68 of the Electricity Act, 2003 read with Section 10 and 16 of Indian 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 subtransmission and distribution lines below 66 KV:-
- (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 RoW corridor shall not be more than that prescribed in the table at Annex-2and shall not be less than the width directly below the conductors.
- 3. Necessary action may kindly be taken accordingly. These guidelines may not only facilitate an early resolution of RoW issues and also facilitate completion of the vital transmission lines through active support of State/ UT administration.
- 4. All the States/UTs etc. are requested to take suitable decision regarding adoption of the guidelinesconsidering that acquisition of land is a State subject.

Yours faithfully,

List And

(Jyoti Arora) Joint Secretary (Trans.)

Tele: 011-2371 0389

Copy, along with enclosure, forwarded to the following:

- Secretaries of Government of India (Infrastructure Ministries/Deptt including MoEF - As per attached list)
- Prime Minister's Office (Kind Attn: Shri Nripendra Mishra, Principal Secretary to PM).
- Technical Director, NIC, Ministry of Power with the request to host on the website of Ministry of Power.

Copy to PS to Hon'ble MoSP (IC) / Secretary (Power) / AS (BNS) / AS (BPP) / All Joint Secretaries/EA/ All Directors/DSs, Ministry of Power.

Report of the Committee for payment of compensation in regard to Right of Way (RoW) for transmission lines

1.0 Background:

- 1.1 The Transmission Projects in the country are implemented by the licensee in accordance with the provisions of the Electricity Act, 2003. The compensation towards "damages" during implementation of such projects is governed by Section 67 & 68 of the Electricity Act read with Section 10 & 16 of the Indian Telegraph Act, 1885. The present stipulations provide for compensation towards all damages without acquisition of land which are assessed/ reviewed by the Revenue Authorities. However, there is no clear definition of the term "damages", nor are there any guidelines in this regard.
 - 1.2 For laying electricity transmission lines, licensee erects towers at intervals of about 400 m. and conductors are strung on these towers maintaining a safe height depending on the voltage and other geographical parameters. Thus, typical transmission lines have following two kinds of impact:
 - (i) Tower base area whichis more or less completely lost or loses its productivity due to severe restriction an access;
 - (ii) Corridor of land underneath strung conductor between two towers may be adversely affected by imposition of restriction on its usage.
 - 1.3 The maximum width of RoW corridor is calculated on the basis of tower design, span, and wind speed, maximum sag of conductor and its swing plus other requirement of electric safety. The requirement of ROW for different voltage types under standard conditions is as follows:

ROW width for different voltage line*

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

^{*} Width of Right of Way is as per the MoEF guidelines dated 5 5.2014 (Annex-A)

1.4 The Telegraph Act provides for compensation towards damages (without acquisition) while placing the tower and stringing the conductor. The local authorities/ District Magistrates have been provided Power under Section 16 (1) of the





GOVT OF ASSAM

OFFICE OF THE DEPUTY COMMISSIONER:::::::BONGAIGAON

Tele No.(03664)-230889(O)/230891(R) Fax No.(03664)-231338(O)/230490(R)

E-mail:bongaiga@nic.in PIN-783380

No. BLA. 20/2015/9

Dated, Bongaigaon the 29th July'2015

ORDER

Whereas the construction of 132 KV BTS, Salakati to Jogighopa, APM Line Salakati Grid Sub-Section to the proposed Bongaigaon District 132 KV Sub-Section at Bongaigaon District requested to accord" Right of Way" permission for carrying out survey and construction of the said transmission line under TDF Scheme.

Now, therefore, I Sri Biswajit Pegu, IAS, Deputy Commissioner, Bongaigaon in exercise of the power conferred on me under the provision laid down in the Indian Electricity Act 2003, do hereby allow Assam Electricity Grid Corporation Limited to carry out necessary construction works of the proposed transmission alignment on observing usual formilities in areas falling under Bongaiaon District.

It is further stipulated that the AEGCL will pay reasonable compensation to land owners for any damage of land, their crops, Zirat, House and other properties while doing the survey and construction works.

Given under my hand and seal today the 20th July' 2015.

Deputy Commissioner, Bongaigaon.

Dated, Bongaigaon the 29th July'2015

Memo No. 20/2015/9 -A

Copy to:

1. The Commissioner & Secretary to the Govt of Assam, Revenue & DM (LR) Deptt

for favour of information.

2. The Senior manager, 132 KV Salakati Grid Sub-Section, AEGCL for information.

3. The SDO(C), North Salmara/Bijni for information.

4. The Circle Officer, Bongaigaon /Boitamari/Srijangram/ Dangtal /Bijni Rev. Circle for information.

5. Office order file

Deputy Contaissioner, Bongalgaon



