

PROPOSED 220 KV D/C LILO FROM TOWER NO. 45/1 OF 220 KV SALAKATHI - RANGIA LINE TO PROPOSED 220 KV
DHALIGAON S/S (IN BONGAIGAOON REFINERY CAMPUS)

SL.NO	ANGLE POINT	TOWER NO	SPAN (M)	TYPE OF TOWER	ANGLE OF DEVIATION	WEIGHT SPAN (M)		WIND SPAN (M)		TYPE OF FOUNDATION	CROSSING	GPS CO-ORDINATE	REMARKS
						LEFT	RIGHT	TOTAL	(M)				
1	EX. TOWER		20	B+6				0				N26° 33.830' E90°32.055'	
2	AP1	NT 01/00		D+6	06°21'59"RT		156	156	145	FS		N26° 33.810' E90°32.064'	PADDY FIELD
3		NT 01/01	270	A+3	00°00'00"	114	148	262	270	WET	EMBANKMENT		PADDY FIELD
4	AP2	NT 02/00	270	C+3	16°14'33" RT	123	141	264	279.5	PS	GRAVEL ROAD. WALL		PADDY FIELD
5	AP3	NT 03/00	360	B+3	06°16'14" LT	148	168	316	324.5	WET		N26° 33.411' E90°32.244'	PADDY FIELD
6		NT 03/01		A+6	00°00'00"	192	183	375	360	PS	GRAVEL ROAD.		PADDY FIELD
7		NT 03/02		A+6	00°00'00"	177	181	358	360	FS	CATCHA ROAD.		PADDY FIELD

Checked by

Spencer

Deputy Manager
O/o the G.M. (P&E)

AEGCL, Narengi, Guwahati-26

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CONFIDENTIAL

TOWER SCHEDULE

PROPOSED 220 KV D/C LILO FROM TOWER NO. 45/1 OF 220 KV SALAKATHI - RANGIA LINE TO PROPOSED 220 KV DHALIGAON S/S (IN BONGAIGAN REFINERY CAMPUS)

SL.NO	ANGLE POINT	TOWER NO	SPAN (M)	TYPE OF TOWER	ANGLE OF DEVIATION	WEIGHT SPAN (M)		WIND SPAN (M)	TYPE OF FOUNDATION	CROSSING	GPS CO-ORDINATE	REMARKS
						LEFT	RIGHT	TOTAL				
8		NT 03/03		A+6	00°00'00"	179	174	353	355	WET		PADDY FIELD, AND TREE CUTTING
			350							WATER STREAM		
9	AP4	NT 04/00		D+6	39°41'21" RT	176	154	330	310	PS	N26° 32.673' E90°32.511'	PADDY FIELD
			270							GRAVEL ROAD. LT, HT LINE		
10	AP5	NT 05/00		C+3	16°17'21" LT	116	155	271	281.5	WET	N26° 32.538' E90°32.450'	PADDY FIELD
			293									
11		NT 05/01		A+3	00°00'00"	137	146	283	293	PS		PADDY FIELD
			293									
12	AP6	NT 06/00		D+3	50°36'58" LT	147	138	285	281	FS	N26° 32.222' E90°32.412'	PADDY FIELD
			269							GRAVEL ROAD AND CATCHA ROAD		
13	AP7	NT 07/00		D+3	30°32'18" RT	131	144	275	274.5	WET	N26° 32.119' E90°32.526'	PADDY FIELD
			280							CATCHA ROAD, 11 KV LINE		

Checked by

Deputy Manager

O/o the G.M. (P&E)

AEGCL, Narengi, Guwahati-26

Checked

AGM, O/o the G.M. (P&E)

Checked

AGM, O/o the G.M. (P&E)

Approved

General Manager (P&E)



TOWER SCHEDULE

**PROPOSED 220 KV D/C LILO FROM TOWER NO. 45/1 OF 220 KV SALAKATHI - RANGIA LINE TO PROPOSED 220 KV
DHALIGAON S/S (IN BONGAIGON REFINERY CAMPUS)**

SL.NO	ANGLE POINT	TOWER NO	SPAN (M)	TYPE OF TOWER	ANGLE OF DEVIATION	WEIGHT SPAN (M)			WIND SPAN (M)	TYPE OF FOUNDATION	CROSSING	GPS CO- ORDINATE	REMARKS
						LEFT	RIGHT	TOTAL					
14		NT 07/01		A+3	00°00'00"	136	142	278	280	FS			PADDY FIELD
15		NT 07/02	280	A+3	00°00'00"	138	148	286	280	WET			PADDY FIELD
16		NT 07/03	283	A+3	00°00'00"	132	166	298	281.5	WET			PADDY FIELD
17	AP8	NT 08/00	79	D+0	29°27'32"RT	117		117	181	FS		N26° 31.529' E90°32.694'	LOW LAND
18	GANTRY			10 M	00°00'00"			0	66.5	WET			PADDY FIELD, AND GANTRY AREA COVERED BY FENCING
19	AP9	NT 09/00	258	D+0	02°57'20"RT		115	115	156	PS		N26° 31.459' E90°32.673'	PADDY FIELD
20	AP10	NT 10/00		D+3	37°38'11"LT	143	153	296	292	FS	CANAL	N26° 31.331' E90°32.612'	PADDY FIELD
21	AP11	NT 11/00		D+3	30°32'38"RT	173	55	228	163	WET		N26° 31.161' E90°32.664'	TREE CUTTING

Checked by

[Signature]

Deputy Manager

O/o the G.M. (P&E)

AEGCL, Narengi, Guwahati-26

AGM, O/o the G.M. (P&E)

Checked

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DOM, O/o the G.M. (P&E)

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Approved

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General Manager (P&E)

AEGCL



TOWER SCHEDULE

**PROPOSED 220 KV D/C LILO FROM TOWER NO. 45/1 OF 220 KV SALAKATHI - RANGIA LINE TO PROPOSED 220 KV
DHALIGAON S/S (IN BONGAIGAON REFINERY CAMPUS)**

SL NO	ANGLE POINT	TOWER NO	SPAN (M)	TYPE OF TOWER	ANGLE OF DEVIATION	WEIGHT SPAN (M)		WIND SPAN (M)	TYPE OF FOUNDATION	CROSSING	GPS CO-ORDINATE	REMARKS
						LEFT	RIGHT	TOTAL				
			176							CATCHA ROAD, B WALL TREE		
22	AP12	NT 12/00		C+6	23°11'18"RT	121			WET		N26° 31.068' E90°32.635'	TREE CUTTING
23	AP13	NT 13/00	71	D+3	58°13'03"RT					PITCH ROAD, 33 KV LINE B WALL		
	TOTAL		5491						PS			IOCL CAMPUS

1. QTY. OF TOWERS (AS PER NEW CONCEPT) :

A+3	5
A+6	3
B+3	1
C+3	2
C+6	1
D+0	2
D+3	5
D+6	2
TOTAL	21

(ALL DOUBLE CKT. TOWERS)

SUMMARY OF TOWERS:

TYPE OF TOWERS (AS PER NEW CONCEPT) :

A TYPE 0° - 2°
B TYPE 2°-15°
C TYPE 15°-30°
D TYPE 30° TO 60°

GANTRY = 1 (3 Nos. Column + 2 Nos. Beam)

NOTE : GANTRY AREA COVERED BY FENCING

DATE : 19-02-2019

Checked by

Deputy General Manager
Bongaigaon T & T Circle
AEGCL, Dhaligaon

Deputy Manager

O/o the G.M. (P&E)
AEGCL, Naranyi, Guwahati 24



Assistant General Manager
KV Grid Sub Station Division
AEGCL, DHALIGAON

PREPARED BY : HI-TECH DESIGN ENGINEERING & CONSTRUCTION

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DOM, O/o the G.M. (P&E)

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