

**TOWER SCHEDULE**  
**OF RE-ROUTING OF EXISTING 132KV SONAUR-BAGHJAP LINE AT PROPOSED 220/132KV MORIGAON GRID SUB-STATION AT BAGHJAP**

SL.NO	TOWER	SPAN (M)	TYPE OF TOWER	ANGLE OF DEVIATION	WEIGHT SPAN (M)			WIND SPAN (M)	CROSSING	TYPE OF FOUNDATION	GPS CO-ORDINATE	REMARKS
					LEFT	RIGHT	TOTAL					
1	EX. TWR	181	B+3		94	94	94		WALL			
2	NEW MP1 (D/C)		D-TYPE BOTTOM X-ARM HT. 14M	51°11'16"LT	87	61	148	160		FS	N26.16864636 E92.22277173	1M RAISED
3	NEW MP2 (D/C)		D-TYPE BOTTOM X-ARM HT. 14M	68°09'52"RT	78	32	110	107.5	WALL, ROAD, HOUSE	FS	N26.16987408 E92.22304094	1M RAISED, 3RD-ARM
4	NEW MP3 (D/C)		D-TYPE BOTTOM X-ARM HT. 14M	33°40'31"LT	44	45	89	67.5		FS	N26.170001 E92.22378943	1M RAISED
5	NEW MP4 (D/C)		D-TYPE BOTTOM X-ARM HT. 14M	59°51'05"RT	14	57	71	71.5	ROAD	FS	N26.17037351 E92.22421221	2M RAISED
6	NEW BAY (132KV)	84			28		28				N26.17016889 E92.22502624	
<b>TOTAL</b>					<b>539</b>							

Checked By AM (P&D)	Checked By DM (P&D)	Checked By AGM (P&D)	Checked By DGM (P&D)	Approved By GM (P&D)

**APPROVED, subject to the condition that the approval conveys neither relieve the contractor of his contractual obligations and his responsibilities, design details, information particulars and conformity of the supplies with the Indian Statutory laws / IEC specifications as may be applicable, nor does limit Page 4 AEGCL's right under the contract.**



Asstt. General Manager  
 Guwahati Transmision  
 AEGCL, Narengi,  
 Bhaskarjyoti B  
 Sub-Divisional  
 Guwahati Transm  
 AEGCL, Narengi,

condition and shall be approved by Civil wing of AEGCL in consultation with field officials  
 Persons may be as

per site corner  
approved by Civil wing of AEGCL  
consultation with field officials

**TOWER SCHEDULE**

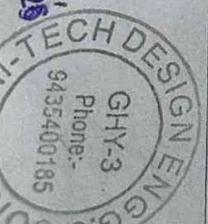
OF PROPOSED 220 KV D/C LINE FROM NEW 220/132/33KV BAGHJAP GSS TO TATA SEMICONDUCTOR ASSEMBLY & TESTING PLANT

Performance particulars and conformity of the supplies with the Indian Statutory laws / IEC specifications as may be applicable for the AEGCL contract

SL NO	TOWER	SPAN (M)	TYPE OF TOWER	ANGLE OF DEVIATION	WEIGHT SPAN (M)			WIND SPAN (M)	TYPE OF FOUNDATION	CROSSING	UTM CO-ORDINATE	GPS CO-ORDINATE	REMARKS
					LEFT	RIGHT	TOTAL						
1	PROPOSED GANTRY 220 KV BAGHJAP SS	70				28	28	35		WALL, 33KV LINE	X=4222413.184 Y=2894619.698	N26.16889278 E92.222363506	
2	NEW TWR 1	188	DD+3	00°00'00"	42	69	111	129	FS	11KV LINE	X=4222403.672 Y=2894530.230	N26.16808458 E92.22354525	1.5 M RAISED
3	NEW TWR 2	254	DB+6	02°01'15"	119	131	250	221	FS	POND	X=4223386.740 Y=2894363.009	N26.16657386 E92.22338583	1.5 M RAISED
4	NEW TWR 3	300	DD+6	56°47'23"	123	151	274	277	FS	ROAD	X=4223352.223 Y=2894111.118	N26.16429772 E92.22305555	1.5 M RAISED
5	NEW TWR 4	301	DB+6	07°23'18"	149	114	263	300.5	FS		X=422578.507 Y=2893914.34	N26.16253324 E92.22533132	1.5 M RAISED
6	NEW TWR 5	158	DD+12	06°25'55"	187	80	267	229.5	CASSION FDN.	EX. 132KV S/C LINE	X=422778.279 Y=2893689.343	N26.16051252 E92.22734345	1.5 M RAISE
7	NEW TWR 6	324	DD+12	43°18'40"	78	179	257	241	CASSION FDN.	JUN BILL	X=422895.504 Y=2893583.917	N26.15956694 E92.22852254	1.5 M RAIS
8	NEW TWR 7		DD+9	51°03'23"	145	177	322	324.5	CASSION FDN.		X=422922.149 Y=2893261.366	N26.1566561 E92.22880827	1.5 M RA

Checked By: DM (P&U)  
Checked By: AGM (P&U)  
General Manager  
Transmission Division  
Guntur District  
Page 1

**Bhaskariyoti Bhatta**  
Sub-Divisional Engineer  
Transmission Division  
Guntur District



Signature of Bhaskariyoti Bhatta

**TOWER SCHEDULE**  
**PLANT**  
**OF PROPOSED 220 KV D/C LINE FROM NEW 220/132/33KV BAGHJAP GSS TO TALK SEMICONDUCTOR ASSEMBLY & TESTING**

SL NO	TOWER	SPAN (M)	TYPE OF TOWER	ANGLE OF DEVIATION	WEIGHT SPAN (M)			WIND SPAN (M)	TYPE OF FOUNDATION	CROSSING	UTM CO-ORDINATE	GPS CO-ORDINATE	REMARKS
					LEFT	RIGHT	TOTAL						
9	NEW TWR 8	325	DC+6	14°44'42"	148	161	309	162.5	CASSION FDN.		X=423190.559 Y=2893078.810	N26.15502219 E92.23150442	1.5 M RAISED
10	NEW TWR 9	320	DB+6	12°49'58"	160	152	312	310	FS		X=423400.893 Y=2892837.136	N26.15285136 E92.23362296	1.5 M RAISED
11	NEW TWR 10	300	DB+6	07°59'39"	148	147	295	300	FS		X=423643.186 Y=2892660.235	N26.15126702 E92.23605734	1.5 M RAISED
12	NEW TWR 11	306	DB+6	05°23'14"	153	154	307	303	FS		X=423907.727 Y=2892518.750	N26.15000359 E92.23871215	1.5 M RAISED
13	NEW TWR 12	310	DB+6	01°22'40"	152	153	305	308	FS	11 KV LINE	X=424162.921 Y=2892349.670	N26.14849045 E92.24127501	1.5 M RAISED
14	NEW TWR 13	203	DB+6	12°53'16"	157	102	259	256.5	FS	ROAD	X=424417.154 Y=2892172.285	N26.14690224 E92.24382867	1.5 M RAISED
15	NEW TWR 14	192	DB+6	12°35'52"	101	97	198	197.5	FS	ROAD	X=424553.746 Y=2892021.686	N26.14554966 E92.24520386	1.5 M RAISED
16	NEW TWR 15	DD+6	44°52'22"	95	108	203	202.5	FS	ROAD, 11KV LINE	X=424648.403 Y=2891855.128	N26.14405079 E92.24616044	1.5 M RAISED	

Proposed foundations may be as per site condition and shall be approved by Civil Division of AEGCL.

Checked By AGM (P&D)	Checked By DGM (P&D)	Approved By GM (P&D)
<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

*[Signature]*  
 Asstt. General Manager  
 Guwahati Transmission Division  
 AEGCL, Narangul, Guwahati-26

*[Signature]*  
 Bhaswati Bhattacharya  
 Sub-Divisional Engineer  
 Guwahati Transmission Division  
 AEGCL, Narangul, Guwahati-781036



**TOWER SCHEDULE**  
**PLANT**  
**OF PROPOSED 220 KV D/C LINE FROM NEW 220/132/33KV BAGHJAP GSS TO TATA SEMI CONDUCTOR ASSEMBLY & TESTING**

Approved, subject to the condition that the approval conveyed herein shall not relieve the contractor of his contractual obligations and his responsibilities, design, construction, performance, and compliance of the supplies with the Indian Standards / Specifications as may be applicable to the contract.

BLIND TOWER	SPAN (M)	TYPE OF TOWER	ANGLE OF DEVIATION	WEIGHT SPAN (M)			WIND SPAN (M)	TYPE OF FOUNDATION	CROSSING	UTM CO-ORDINATE	GPS CO-ORDINATE	REMARKS
				LEFT	RIGHT	TOTAL						
17 NEW TWR 16	213	DD+6	38°57'36"	106	55	161	211.5	FS	ROAD	X=424592.242 Y=2891649.312	N26.14218955 E92.24561058	1.5 M RAISED
18 NEW TWR 17	210	DD+12	00°00'00"	155	-59	96	188	FS	ROAD	X=424676.871 Y=2891456.803	N26.14045584 E92.24646832	1.5 M RAISED
19 NEW TWR 18	180	DD+25	34°44'05"	225	88	313	173	FS	ROAD	X=424743.331 Y=2891305.079	N26.13908341 E92.24714192	1.5 M RAISED
20 NEW TWR 19	152	DD+25	23°05'39"	92	234	326	166	FS	ROAD	X=424708.870 Y=2891128.409	N26.13749248 E92.24680744	1.5 M RAISED
21 NEW TWR 20	159	DD+12	08°17'40"	-82	-74	-156	155.5	FS	ROAD	X=424623.841 Y=2891002.969	N26.13635544 E92.24596417	1.5 M RAISED
22 NEW TWR 21	197	DD+25	16°35'39"	233	102	335	178	FS	ROAD, 11KV LINE	X=424516.539 Y=2890885.565	N26.13528979 E92.24489765	1.5 M RAISED
23 NEW TWR 22	253	DD+25	17°48'48"	95	217	312	225	FS	EX. 220KV D/C LINE	X=424430.736 Y=2890708.323	N26.13368499 E92.24404968	1.5 M RAISED
24 NEW TWR 23		DD+12	06°24'18"	144	144	250		CASSION FDN.		X=424255.831 Y=2890524.942	N26.13202007 E92.24231084	1.5 M RAISED

*\* Slack span at reduced tension of 222.4 kV at 30° rise condition blue New T-17 & New T-18.*

*\* Slack span at reduced tension of 111.2 kV at 30° rise condition from New T-19 to New T-21.*

**Asstt. General Manager**  
 Guwahati Transmission Division  
 AEGCL, Narengi, Guwahati-76

**Sub-Divisional Engineer**  
 Guwahati Transmission Division  
 AEGCL, Narengi, Guwahati-781026



Proposed foundation may be approved per site condition and shall be approved by Civil wing of AEGCL in consultation with field

# TOWER SCHEDULE

OF PROPOSED 220 KV D/C LINE FROM NEW 220/132/33KV BAGHJAP GSS TO TATA SEMICONDUCTOR ASSEMBLY & TESTING PLANT

BLIND	TOWER	SPAN (M)	TYPE OF TOWER	ANGLE OF DEVIATION	WEIGHT SPAN (M)			WIND SPAN (M)	TYPE OF FOUNDATION	CROSSING	UTM CO-ORDINATE	GPS CO-ORDINATE	REMARKS
					LEFT	RIGHT	TOTAL						
		247											
25	NEW TWR 24	✓ 115	DD+9	25°15'00"	103	45	148	181	CASSION FDN.		X=424106.453 Y=2890328.427	N26.130238 E 92.240828	1.5 M RAISED
26	NEW TWR 25	✓ 176	DD+9	74°56'37"	70	155	225	88	CASSION FDN.	RLY. TRACK	X=424082.550 Y=2890215.574	N26.129218 E92.240596	1.5 M RAISED 3RD X-ARM
27	NEW TWR 26	✓ 185	DD+3	00°00'00"	21	123	144	180.5	FS		X=423906.501 Y=2890207.191	N26.129133 E 92.238835	1.5 M RAISED
28	NEW TWR 27	✓ 187	DB+0	00°00'00"	62	86	148	186	FS		X=423721.841 Y=2890198.920	N26.129048 E92.236989	1.5 M RAISED
29	NEW TWR 28	✓ 270	DB+0	00°00'00"	101	112	213	228.5	FS		X=423535.549 Y=2890189.811	N 26.128956 E92.235126	1.5 M RAISED
30	NEW TWR 29	✓ 199	DB+0	01°52'28"	158	100	258	234.5	FS		X=423265.811 Y=2890176.621	N26.128823 E 92.232429	1.5 M RAISED
31	NEW TWR 30	✓ 250	DB+0	00°00'00"	99	139	238	224.5	FS	WATER SUPPLY EQUIPMENT	X=423066.883 Y=2890160.595	N26.128667 E 92.23044	1.5 M RAISED

Checked By DM	Checked By DM (P&D)	Checked By DM (P&D)	Approved By GM (P&D)
<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

I hereby confirm that the contractor of his contract has performed his obligations and his responsibility, design, construction and supplies with the Indian Standards and conformity of the conditions as per the contract for ASSEMBLY & TESTING under the contract.

*[Signature]*  
Asstt. General Manager  
Transmission Division  
Guwahati, Narengi, Guwahati-76  
AEGCL, Narengi

*[Signature]*  
Sub-Divisional Engineer  
Transmission Division  
Guwahati, Narengi, Guwahati-76  
AEGCL, Narengi



Proposed foundations may be approved per site condition and approved by Civil in consultation

**TOWER SCHEDULE**  
**PLANT**  
**OF PROPOSED 220 KV D/C LINE FROM NEW 220/132/33KV BAGHUAP GSS TO TATA SEMICONDUCTOR ASSEMBLY & TESTING**

SL. NO	TOWER	SPAN (M)	TYPE OF TOWER	ANGLE OF DEVIATION	WEIGHT SPAN (M)			WIND SPAN (M)	TYPE OF FOUNDATION	CROSSING	UTM CO-ORDINATE	GPS CO-ORDINATE	REMARKS
					LEFT	RIGHT	TOTAL						
32	NEW TWR 31		DB+0	03°25'16"	111	109	220	231	FS		X=4222818.094 Y=2890140.552	N26.128473 E92.227953	1.5 M RAISED
33	NEW TWR 32	212	DB+0	00°00'00"	104	136	240	241.5	FS		X=4222608.339 Y=2890110.855	N26.128194 E92.225856	1.5 M RAISED
34	NEW TWR 33	271	DB+0	03°29'39"	134	114	248	272	FS		X=422340.450 Y=2890073.154	N 26.127839 E 92.223179	1.5 M RAISED
35	NEW TWR 34	273	DD+3	72°08'11"	159	55	214	195	FS	WALL, 33KV LINE, 11KV LINE	X=422068.791 Y=2890051.629	N 26.12763 E92.220463	1.5 M RAISED 3RD X-ARM
36	NEW TWR 35	117	DD+3	61°53'36"	63	69	132	118	FS	ROAD	X=422041.732 Y=2889937.459	N 26.126598 E92.220199	1.5 M RAISED BOX X-ARM
37	NEW TWR 36	119	DD+3	18°12'05"	51	-2	49	118	FS		X=421926.869 Y=2889905.956	N 26.126307 E 92.219052	1.5 M RAISED
38	NEW TWR 37	117	DD+6	81°25'28"	119	8	127	105	FS		X=421829.638 Y=2889841.506	N26.12572 E92.218084	1.5 M RAISED 3RD X-ARM
39	NEW TWR 38	93	DD+6	00°00'00"	85	-48			FS	NATIONAL HIGHWAY	X=421868.961 Y=2889757.034	N 26.124959 E 92.218482	1.5 M RAISED

*\* Slack upon at reduced tension of 22.24 kg at 82 mld condition below*

Checked By (Signature)  
 Drawn By (Signature)  
 Approved By (Signature)

**Asstt. General Manager**  
 Assstt. Transmission Division  
 Guwahati, Narengi, Guwahati-76  
 AEGCL, Narengi, Guwahati-76

**Sub-Division Engineer**  
 Guwahati, Narengi, Guwahati-76  
 AEGCL, Narengi, Guwahati-76



Proposed foundation per site condition approved by Civil consultant

**TOWER SCHEDULE**

**PLANT**

BLIND TOWER	SPAN (M)	TYPE OF TOWER	ANGLE OF DEVIATION	WEIGHT SPAN (M)		WIND SPAN (M)	TYPE OF FOUNDATION	CROSSING	UTM CO-ORDINATE	GPS CO-ORDINATE	REMARKS
				LEFT	RIGHT						
40 TATA GANTRY (TENTATIVE)	50			98	98	46.5			X=421890.063 Y=2889711.705	N26.124551 E92.218696	
<b>TOTAL</b>	<b>8262</b>										

**TYPE OF TOWERS (AS PER NEW CONCEPT) :**

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

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

DB+0	7
DB+6	8
DC+6	1
DD+3	5
DD+6	5
DD+9	3
DD+12	5
DD+25	4
<b>TOTAL</b>	<b>38</b>

APPROVED, subject to the condition that the approval conveyed herein neither relieves the contractor of his contractual obligations and his responsibilities, design details, performance particulars and conformity of the supplies with the Indian Statutory laws / IEC specifications as may be applicable, nor does limit the AEGCL's right under the contract

Prepared By: HI-TECH DESIGN ENGINEERING & CONSTRUCTION  
Dated: 24-02-2026

CASSION FDN. : 8 NOS  
BOX X - ARM : 1 NOS  
3RD X - ARM : 3 NOS



*Bhaskariyoti Bhatta*  
Bhaskariyoti Bhatta  
Sub-Divisional Engineer  
Guwahati Transmission Division,  
AEGCL, Narengi, Guwahati-781026

Proposed foundations may be as per site condition and shall be approved by Civil wing of AEGCL in consultation with field

Checked By (P&D)	Checked By (P&D)	Checked By (P&D)	Approved By (P&D)
<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

*[Signature]*  
Asstt. General Manager  
Guwahati Transmission Division  
AEGCL, Narengi, Guwahati-26