Tower Schedule of 66kV Bhachunda-Netra Line																					
Sr. No.	Location No.	Tower span (in meter)	Section Length (in meter)	Type of structure	Type of H Frame / Tower	Type of Conductor	Type of String/Hardware(S/S,D/S,S/T,D/T)	SRI PER TOWER	Suspension SRI	Tension SRI	S.S. H\W	D.S. H\W	S.T. H\W	D.T. H\W	PA ROD	Vibration Damper	Midspan joints	Repair Sleeve	T connector with pad	HTLS palm w/o hole	Remark
1	Netra S/S			Netra End Gantry			S/T	**3**	**0**	**3**	0	0	3	0	0	3			**3**	**6**	
		21	21			Dog															
2	**1**			DP	H FRAME		S/T	6	0	6			6			6					
		85	106			Dog															
3	**2**			DP	H FRAME		S/T	6	0	6			6			6					
		133	239			Dog															Cart Road
4	**3**			DP	H FRAME		S/T	6	0	6			6			6					
		122	361			Dog															
5	**4**			DP	H FRAME		S/S	3	3		3				3	6					
		144	505			Dog															
6	**5**			DP	H FRAME		S/T	6	0	6			6			6					
		140	645			Dog															
7	**6**			DP	H FRAME		S/S	3	3		3				3	6					
		141	786			Dog															
8	**7**			DP	H FRAME		S/T	6	0	6			6			6					
		141	927			Dog															
9	**8**			DP	H FRAME		S/T	6	0	6			6			6					
		159	1086			Dog															
10	**9**			DP	H FRAME		S/T	6	0	6			6			6					
		160	1246			Dog															Cart Road
11	**10**			DP	H FRAME		S/T	6	0	6			6			6					
		160	1406			Dog															
12	**11**			DP	H FRAME		S/T	6	0	6			6			6					
		93	1499			Dog															
13	**12**			DP	H FRAME		S/S	3	3		3				3	6					
		112	1611			Dog															
14	**13**			DP	H FRAME		S/S	3	3		3				3	6					
		157	1768			Dog															
15	**14**			DP	H FRAME		S/T	6	0	6			6			6					
		145	1913			Dog															
16	**15**			DP	H FRAME		S/S	3	3		3				3	6					
		141	2054			Dog															
17	**16**			DP	H FRAME		S/S	3	3		3				3	6					
		149	2203			Dog															
18	**17**			DP	H FRAME		S/S	3	3		3				3	6					
		115	2318			Dog															
19	**18**			DP	H FRAME		S/T	6	0	6			6			6					
		156	2474			Dog															
20	**19**			DP	H FRAME		S/S	3	3		3				3	6					
		151	2625			Dog															
21	**20**			DP	H FRAME		S/T	6	0	6			6			6					
		153	2778			Dog															
22	**21**			DP	H FRAME		S/S	3	3		3				3	6					
		169	2947			Dog															
23	**22**			DP	H FRAME		S/S	3	3		3				3	6					
		153	3100			Dog															
24	**23**			DP	H FRAME		S/T	6	0	6			6			6					
		150	3250			Dog															
25	**24**			DP	H FRAME		S/S	3	3		3				3	6					
		113	3363			Dog															
26	**25**			DP	H FRAME		S/S	3	3		3				3	6					
		184	3547			Dog															
27	**26**			DP	H FRAME		S/T	6	0	6			6			6					
		96	3643			Dog															
28	**27**			DP	H FRAME		S/T	6	0	6			6			6					
		131	3774			Dog															
29	**28**			DP	H FRAME		S/S	3	3		3				3	6					
		164	3938			Dog															
30	**29**			DP	H FRAME		S/T	6	0	6			6			6					
		133	4071			Dog															
31	**30**			DP	H FRAME		S/T	6	0	6			6			6					
		149	4220			Dog															
32	**31**			DP	H FRAME		S/T	6	0	6			6			6					
		142	4362			Dog															
33	**32**			DP	H FRAME		S/S	3	3		3				3	6					
		161	4523			Dog															
34	**33**			DP	H FRAME		S/T	6	0	6			6			6					
		164	4687			Dog															
35	**34**			DP	H FRAME		S/T	6	0	6			6			6					
		158	4845			Dog															
36	**35**			DP	H FRAME		S/S	3	3		3				3	6					
		166	5011			Dog															
37	**36**			DP	H FRAME		S/T	6	0	6			6			6					
		158	5169			Dog															
38	**37**			DP	H FRAME		S/S	3	3		3				3	6					
		160	5329			Dog															
39	**38**			DP	H FRAME		S/S	3	3		3				3	6					
		160	5489			Dog															
40	**39**			DP	H FRAME		S/S	3	3		3				3	6					
		161	5650			Dog															
41	**40**			DP	H FRAME		S/T	6	0	6			6			6					
		167	5817			Dog															Cart Road
42	**41**			DP	H FRAME		S/T	6	0	6			6			6					
		163	5980			Dog															
43	**42**			DP	H FRAME		S/T	6	0	6			6			6					
		149	6129			Dog															
44	**43**			DP	H FRAME		S/S	3	3		3				3	6					
		139	6268			Dog															
45	**44**			DP	H FRAME		S/T	6	0	6			6			6					
		149	6417			Dog															
46	**45**			DP	H FRAME		S/S	3	3		3				3	6					
		159	6576			Dog															
47	**46**			DP	H FRAME		S/T	6	0	6			6			6					
		166	6742			Dog															
48	**47**			DP	H FRAME		S/T	6	0	6			6			6					
		137	6879			Dog															
49	**48**			DP	H FRAME		S/T	6	0	6			6			6					
		153	7032			Dog															
50	**49**			DP	H FRAME		S/T	6	0	6			6			6					
		136	7168			Dog															
51	**50**			DP	H FRAME		S/S	3	3		3				3	6					
		140	7308			Dog															
52	**51**			DP	H FRAME		S/S	3	3		3				3	6					
		145	7453			Dog															
53	**52**			DP	H FRAME		S/S	3	3		3				3	6					
		142	7595			Dog															
54	**53**			DP	H FRAME		S/S	3	3		3				3	6					
		145	7740			Dog															
55	**54**			DP	H FRAME		S/T	6	0	6			6			6					
		165	7905			Dog															

Tower Schedule of 66kV Bhachunda-Netra Line																					
Sr. No.	Location No.	Tower span (in meter)	Section Length (in meter)	Type of structure	Type of H Frame / Tower	Type of Conductor	Type of String/Hardware(S/S,D/S,S/T,D/T)	SRI PER TOWER	Suspension SRI	Tension SRI	S.S. H\W	D.S. H\W	S.T. H\W	D.T. H\W	PA ROD	Vibration Damper	Midspan joints	Repair Sleeve	T connector with pad	HTLS palm w/o hole	Remark
56	**55**			DP	H FRAME		S/S	3	3		3				3	6					
		179	8084			Dog															
57	**56**			DP	H FRAME		S/S	3	3		3				3	6					
		178	8262			Dog															
58	**57**			DP	H FRAME		S/T	6	0	6			6			6					
		181	8443			Dog															
59	**58**			DP	H FRAME		S/T	6	0	6			6			6					
		192	8635			Dog															
60	**59**			DP	H FRAME		S/S	3	3		3				3	6					
		142	8777			Dog															
61	**60**			DP	H FRAME		S/S	3	3		3				3	6					
		176	8953			Dog															
62	**61**			DP	H FRAME		S/S	3	3		3				3	6					
		182	9135			Dog															
63	**62**			DP	H FRAME		S/S	3	3		3				3	6					
		171	9306			Dog															
64	**63**			DP	H FRAME		S/S	3	3		3				3	6					
		155	9461			Dog															
65	**64**			DP	H FRAME		S/S	3	3		3				3	6					
		160	9621			Dog															
66	**65**			DP	H FRAME		S/T	6	0	6			6			6					
		140	9761			Dog															
67	**66**			DP	H FRAME		S/S	3	3		3				3	6					
		175	9936			Dog															
68	**67**			DP	H FRAME		S/S	3	3		3				3	6					
		160	10096			Dog															
69	**68**			DP	H FRAME		S/T	6	0	6			6			6					
		160	10256			Dog															
70	**69**			DP	H FRAME		S/S	3	3		3				3	6					
		180	10436			Dog															
71	**70**			DP	H FRAME		S/S	3	3		3				3	6					
		165	10601			Dog															
72	**71**			DP	H FRAME		S/S	3	3		3				3	6					
		165	10766			Dog															
73	**72**			DP	H FRAME		S/S	3	3		3				3	6					
		165	10931			Dog															
74	**73**			DP	H FRAME		S/S	3	3		3				3	6					
		165	11096			Dog															
75	**74**			DP	H FRAME		S/S	3	3		3				3	6					
		148	11244			Dog															
76	**75**			DP	H FRAME		S/T	6	0	6			6			6					
		144	11388			Dog															
77	**76**			DP	H FRAME		S/S	6	6			3			3	6					
		170	11558			Dog															River Crossing
78	**77**			DP	H FRAME		S/S	6	6			3			3	6					
		167	11725			Dog															
79	**78**			DP	H FRAME		S/T	6	0	6			6			6					
		171	11896			Dog															
80	**79**			DP	H FRAME		S/T	6	0	6			6			6					
		162	12058			Dog															
81	**80**			DP	H FRAME		S/S	3	3		3				3	6					
		163	12221			Dog															
82	**81**			DP	H FRAME		S/S	3	3		3				3	6					
		164	12385			Dog															
83	**82**			DP	H FRAME		S/S	3	3		3				3	6					
		165	12550			Dog															
84	**83**			DP	H FRAME		S/T	6	0	6			6			6					
		180	12730			Dog															
85	**84**			DP	H FRAME		S/S	3	3		3				3	6					
		170	12900			Dog															
86	**85**			DP	H FRAME		S/S	3	3		3				3	6					
		175	13075			Dog															
87	**86**			DP	H FRAME		S/S	3	3		3				3	6					
		177	13252			Dog															
88	**87**			DP	H FRAME		S/S	3	3		3				3	6					
		146	13398			Dog															
89	**88**			DP	H FRAME		S/S	3	3		3				3	6					
		184	13582			Dog															
90	**89**			DP	H FRAME		S/T	6	0	6			6			6					
		167	13749			Dog															
91	**90**			DP	H FRAME		S/S	3	3		3				3	6					
		180	13929			Dog															
92	**91**			DP	H FRAME		S/T	6	0	6			6			6					
		200	14129			Dog															
93	**92**			DP	H FRAME		S/S	3	3		3				3	6					
		195	14324			Dog															
94	**93**			DP	H FRAME		S/S	3	3		3				3	6					
		197	14521			Dog															
95	**94**			DP	H FRAME		S/S	3	3		3				3	6					
		193	14714			Dog															
96	**95**			DP	H FRAME		S/S	3	3		3				3	6					
		188	14902			Dog															
97	**96**			DP	H FRAME		S/T	6	0	6			6			6					
		145	15047			Dog															
98	**97**			DP	H FRAME		S/S	3	3		3				3	6					
		210	15257			Dog															
99	**98**			DP	H FRAME		S/S	3	3		3				3	6					
		115	15372			Dog															
100	**99**			DP	H FRAME		S/T	6	0	6			6			6					
		205	15577			Dog															
101	**100**			DP	H FRAME		S/T	6	0	6			6			6					
		200	15777			Dog															
102	**101**			DP	H FRAME		S/T	9	0	9			3	3		6					
		172	15949			Dog															Main Road Cross
103	**102**			DP	H FRAME		S/S	9	0	9			3	3		6					LILO Location
		175	16124			Dog															
104	**103**			DP	H FRAME		S/T	6	0	6			6			6					
		181	16305			Dog															
105	**104**			DP	H FRAME		S/S	3	3		3				3	6					
		170	16475			Dog															
106	**105**			DP	H FRAME		S/S	6	6			3			3	6					
		173	16648			Dog															Naliya Road Cross
107	**106**			DP	H FRAME		S/S	6	6			3			3	6					
		159	16807			Dog															
108	**107**			DP	H FRAME		S/S	3	3		3				3	6					
		171	16978			Dog															
109	**108**			DP	H FRAME		S/S	3	3		3				3	6					
		158	17136			Dog															
110	**109**			DP	H FRAME		S/S	3	3		3				3	6					
		170	17306			Dog															
111	**110**			DP	H FRAME		S/T	6	0	6			6			6					
		187	17493			Dog															

Tower Schedule of 66kV Bhachunda-Netra Line

Sr. No.	Location No.	Tower span (in meter)	Section Length (in meter)	Type of structure	Type of H Frame / Tower	Type of Conductor	Type of String/Hardware(S/S,D/S,S/T,D/T)	SRI PER TOWER	Suspension SRI	Tension SRI	S.S. H\W	D.S. H\W	S.T. H\W	D.T. H\W	PA ROD	Vibration Damper	Midspan joints	Repair Sleeve	T connector with pad	HTLS palm w/o hole	Remark
112	**111**			DP	H FRAME		S/S	3	3		3				3	6					
		180	17673			Dog															
113	**112**			DP	H FRAME		S/S	3	3		3				3	6					
		180	17853			Dog															Village road Crossing
114	**113**			DP	H FRAME		S/S	3	3		3				3	6					
		185	18038			Dog															
115	**114**			DP	H FRAME		S/S	3	3		3				3	6					
		170	18208			Dog															
116	**115**			DP	H FRAME		S/S	3	3		3				3	6					
		173	18381			Dog															
117	**116**			DP	H FRAME		S/S	3	3		3				3	6					
		167	18548			Dog															
118	**117**			DP	H FRAME		S/S	3	3		3				3	6					
		173	18721			Dog															
119	**118**			DP	H FRAME		S/T	6	0	6			6			6					
		183	18904			Dog															
120	**119**			DP	H FRAME		S/S	3	3		3				3	6					
		187	19091			Dog															
121	**120**			DP	H FRAME		S/T	6	0	6			6			6					
		160	19251			Dog															
122	**121**			DP	H FRAME		S/S	3	3		3				3	6					
		165	19416			Dog															
123	**122**			DP	H FRAME		S/S	3	3		3				3	6					
		155	19571			Dog															
124	**123**			DP	H FRAME		S/T	6	0	6			6			6					
		135	19706			Dog															
125	**124**			DP	H FRAME		S/S	3	3		3				3	6					
		150	19856			Dog															
126	**125**			DP	H FRAME		D/S	6	6		0	3			3	6					
		162	20018			Dog															
127	**126**			DP	H FRAME		D/S	6	6		0	3			3	6					
		146	20164			Dog															
128	**127**			DP	H FRAME		S/S	3	3		3				3	6					
		178	20342			Dog															
129	**128**			DP	H FRAME		S/S	3	3		3				3	6					
		168	20510			Dog															
130	**129**			DP	H FRAME		S/T	6	0	6			6			6					
		164	20674			Dog															
131	**130**			DP	H FRAME		S/S	3	3		3				3	6					
		160	20834			Dog															
132	**131**			DP	H FRAME		S/S	3	3		3				3	6					
		160	20994			Dog															
133	**132**			DP	H FRAME		S/T	6	0	6			6			6					
		170	21164			Dog															Cart Road
134	**133**			DP	H FRAME		S/T	6	0	6			6			6					
		175	21339			Dog															Cart Road
135	**134**			DP	H FRAME		S/S	3	3		3				3	6					
		142	21481			Dog															
136	**135**			DP	H FRAME		S/T	6	0	6			6			6					
		140	21621			Dog															Cart Road
137	**136**			DP	H FRAME		S/S	3	3		3				3	6					
		170	21791			Dog															
138	**137**			DP	H FRAME		S/S	3	3		3				3	6					
		170	21961			Dog															
139	**138**			DP	H FRAME		S/S	3	3		3				3	6					
		170	22131			Dog															
140	**139**			DP	H FRAME		S/T	6	0	6			6			6					
		133	22264			Dog															Cart Road
141	**140**			DP	H FRAME		S/S	3	3		3				3	6					
		160	22424			Dog															
142	**141**			DP	H FRAME		S/T	6	0	6			6			6					
		78	22502			Dog															
143	**142**			Tower	TOWER		S/T	9	0	9			3	3		6					
		280	22782			Dog															Road Crossing
144	**143**			Tower	TOWER		S/T	9	0	9			3	3		6					
		160	22942			Dog															
145	**144**			DP	H FRAME		S/T	6	0	6			6			6					
		174	23116			Dog															
146	**145**			DP	H FRAME		S/S	3	3		3				3	6					
		186	23302			Dog															
147	**146**			DP	H FRAME		S/T	6	0	6			6			6					
		74	23376			Dog															
148	**LILO**			Tower	TOWER			0	0	0			0			3	12	12	3	6	
		23376	**1666484**	**0**	**0**	**0**	**0**	**651**	**276**	**375**	**240**	**18**	**351**	**12**	**258**	**882**	**12**	**12**	**6**	**12**	**0**
							Additional Quantity	30	12	18	6	3	6	6	3	6	0	0	0	0	
							Final Quantity	681	288	393	246	21	357	18	261	888	12	12	6	12	

Summary	
Line name	**66kV Netra-Bhachunda Line**
Line length CKM	**23.376**
Conductor To be used	**70.479**
Type Structure S/C/D/C /H-	**S/C H Frame**
No of Single Suspension location	**240**
No of Double Suspension location	**18**
No of Single Tension location	**351**
No of Double Tension location	**12**
Hotline CKT kM	**0.095**
Coldline CKT kM	**23.281**