Tower Schedule of 66kV Badhada-Samadhiyala 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	66kV Badhada SS Gantry			Gantry		Dog	T	3	0	3	0	0	3	0	0	3	0	0	3	6	
		39.3	39.3																		
2	T001			D/C Tower	PR	Dog	T	6	0	6	0	0	6	0	0	6	0	0	0	0	
		145.4	145.4																		
3	T002			D/C Tower	PR	Dog	T	6	0	6	0	0	6	0	0	6	0	0	0	0	
		228.8																			
4	T003			D/C Tower	PP	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		162.5	659.8																		
5	T004			D/C Tower	PP	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		268.5																			
6	T005			D/C Tower	PR	Dog	T	6	0	6	0	0	6	0	0	6	0	0	0	0	
		237.2	237.2																		
7	T006			D/C Tower	PQ	Dog	T	6	0	6	0	0	6	0	0	6	0	0	0	0	
		148.5	148.5																		
8	T007			D/C Tower	PR	Dog	T	6	0	6	0	0	6	0	0	6	0	0	0	0	
		190.2	190.2																		
9	DP008			H-Frame	B	Dog	T	6	0	6	0	0	6	0	0	6	0	0	0	0	
		190.6																			
10	DP009			H-Frame	A	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		192																			
11	DP010			H-Frame	A	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		177.1																			
12	DP011			H-Frame	A	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		194.2																			
13	DP012			H-Frame	A	Dog	D/S	6	6	0	0	3	0	0	3	6	0	0	0	0	
		190.2	1538																		Dhajadi Para Road Cross
14	DP013			H-Frame	A	Dog	D/S	6	6	0	0	3	0	0	3	6	0	0	0	0	
		205.9																			
15	DP014			H-Frame	A	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		196																			
16	DP015			H-Frame	A	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		192																			
17	DP016			H-Frame	B	Dog	T	6	0	6	0	0	6	0	0	6	0	0	0	0	
		183.2																			
18	DP017			H-Frame	A	Dog	D/S	6	6	0	0	3	0	0	3	6	0	0	0	0	
		155.8																			Savarkundla-Dhajadi Road Cross
19	DP018			H-Frame	A	Dog	D/S	6	6	0	0	3	0	0	3	6	0	0	0	0	
		199.8																			
20	DP019		1084.1	H-Frame	A	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		184																			
21	DP020			H-Frame	A	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		188.1																			
22	DP021			H-Frame	A	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		173.2																			
23	DP022			H-Frame	B	Dog	T	6	0	6	0	0	6	0	0	6	0	0	0	0	
		178.9																			
24	DP023			H-Frame	A	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	

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
		135.3																			
25	DP024			H-Frame	A	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		164.8																			
26	DP025			H-Frame	A	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		164.4																			
27	DP026			H-Frame	A	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		184.1	1572.9																		
28	DP027			H-Frame	A	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		173.5																			
29	DP028			H-Frame	A	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		171.1																			
30	DP029			H-Frame	A	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		199.8																			
31	DP030			H-Frame	A	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		201																			
32	DP031			H-Frame	B	Dog	T	6	0	6	0	0	6	0	0	6	0	0	0	0	
		167.7																			
33	DP032			H-Frame	A	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		189.4																			
34	DP033			H-Frame	A	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		132.2																			
35	DP034			H-Frame	A	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		112.3																			
36	DP035			H-Frame	A	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		210.5																			
37	DP036		1750.3	H-Frame	A	Dog	S	3	3	0	3	0	0	0	3	6	0	3	0	0	
		121.6																			
38	DP037			H-Frame	A	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		212.8																			
39	DP038			H-Frame	A	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		209																			
40	DP039			H-Frame	A	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		214.2																			
41	DP040			H-Frame	A	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		180.6																			
42	DP041			H-Frame	B	Dog	T	6	0	6	0	0	6	0	0	6	0	0	0	0	
		213																			
43	DP042			H-Frame	A	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		190.2																			
44	DP043			H-Frame	A	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		179.9																			
45	DP044			H-Frame	A	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		193.3																			
46	DP045			H-Frame	A	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		179.9	1504.4																		
47	DP046			H-Frame	A	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		199																			
48	DP047			H-Frame	A	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		163.5																			
49	DP048			H-Frame	A	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		185.6																			
50	DP049			H-Frame	B	Dog	T	6	0	6	0	0	6	0	0	6	0	0	0	0	

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
		99.8	99.8																		
51	T050			D/C Tower	PR	Dog	T,D/T	9	0	9	0	0	3	3	0	6	0	0	0	0	
		237.2	573.1																		Savarkundla-Khambha Road Cross
52	T051			D/C Tower	PP	Dog	D/S	6	6	0	0	3	0	0	3	6	0	0	0	0	
		335.9																			
53	T052			D/C Tower	PQ	Dog	D/T,T	9	0	9	0	0	3	3	0	6	0	0	0	0	
		183	183																		
54	DP053			H-Frame	B	Dog	T	6	0	6	0	0	6	0	0	6	0	0	0	0	
		107.1	107.1																		220kV Savarkundla-Dhokadwa line cross
55	DP054			H-Frame	B	Dog	T	6	0	6	0	0	6	0	0	6	0	0	0	0	
		199.1	199.1																		
56	T055			D/C Tower	PR	Dog	T	6	0	6	0	0	6	0	0	6	0	0	0	0	
		283.7	553.3																		
57	T056			D/C Tower	PP	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		269.6																			
58	T057			D/C Tower	PQ	Dog	T	6	0	6	0	0	6	0	0	6	0	0	0	0	
		288.3	2075.7																		
59	T058			D/C Tower	PP	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		296.5																			
60	T059			D/C Tower	PP	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		253.9																			
61	T060			D/C Tower	PP	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		259.4																			
62	T061			D/C Tower	PP	Dog	S	3	3	0	3	0	0	0	3	6	3	0	0	0	
		246.1																			
63	T062			D/C Tower	PP	Dog	D/S	6	6	0	0	3	0	0	3	6	0	0	0	0	
		244.6																			Kotada-Jikyali Road Cross
64	T063			D/C Tower	PP	Dog	D/S	6	6	0	0	3	0	0	3	6	0	0	0	0	
		238.2																			River Cross
65	T064			D/C Tower	PP	Dog	D/S	6	6	0	0	3	0	0	3	6	0	0	0	0	
		248.7																			Canal Cross
66	T065			D/C Tower	PQ	Dog	D/T, T	9	0	9	0	0	3	3	0	6	0	0	0	0	
		253.7	1036.2																		
67	T066			D/C Tower	PP	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		243.7																			
68	T067			D/C Tower	PP	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		308.3																			
69	T068			D/C Tower	PP	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		230.5																			
70	T069			D/C Tower	PQ	Dog	T	6	0	6	0	0	6	0	0	6	0	0	0	0	
		267.2	1429.3																		
71	T070			D/C Tower	PP	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		307.7																			
72	T071			D/C Tower	PP	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		303.6																			
73	T072			D/C Tower	PP	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		275.4																			

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
74	T073			D/C Tower	PP	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		275.4																			
75	T074			D/C Tower	PS	Dog	T	6	0	6	0	0	6	0	0	6	0	0	0	0	
		288.5																			
76	T075		582.3	D/C Tower	PP	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
		293.8																			
77	T076			D/C Tower	PQ	Dog	T	6	0	6	0	0	6	0	0	6	0	0	0	0	
		43.3	43.3																		
78	66kV Samadhiyala SS Gantry			Gantry		Dog	T	6	0	3	0	0	6	0	0	3	0	0	3	6	
		15752.3	**15752.3**					**333**	**189**	**141**	**141**	**24**	**126**	**9**	**165**	**462**	**9**	**9**	**6**	**12**	
		≈15.752km						Additional Quantity	12	12	6	3	6	3	9	9	0	0	0	0	
								Final Quantity	201	153	147	27	132	12	174	471	9	9	6	12	

Summary	
Line name	66kV Badha - Samadhiyala line
Line length RKM	15.752
Conductor to be used CKM	47.492
Type Structure S/C/D/C /H-frame	D/C Tower+H Frame
No. of Single Suspension location	47
No. of Double Suspension location	8
No. of Single Tension location	18
No. of Double Tension location	3
Hotline CKT kM	8.303
Coldline CKT kM	7.449