TOWER SCHEDULE FOR 66KV Samadhiyala- Rupavati line

Sr. No.	Location No.	Tower/H-frame 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 for HTLS to Zebra	HTLS palm w/o hole	Remark/Crossing details
1	GENTRY(SAMADHIYALA SS					Panther	Gentry	3	0	3	0	0	3	0	0	3	0	0	3	6	
2	T1	32	32	Tower	Tower	Panther	T	6	0	6	0	0	6	0	0	6	0	0	0	0	
3	T2	165.7		Tower	Tower	Panther	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
4	T3	172.8	338.5	Tower	Tower	Panther	T	6	0	6	0	0	6	0	0	6	0	0	0	0	
5	T4	249.1		Tower	Tower	Panther	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
6	T5	229	478.1	Tower	Tower	Panther	T	9	0	9	0	0	3	3	0	6	0	0	0	0	400 kv Line Cross
7	T6	254.4	254.4	Tower	Tower	Panther	T	9	0	9	0	0	3	3	0	6	0	0	0	0	400 kv Line Cross
8	T7	252	252	Tower	Tower	Panther	T	6	0	6	0	0	6	0	0	6	0	1	0	0	
9	T8	141.5		Tower	Tower	Panther	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
10	T9	186	327.5	Tower	Tower	Panther	T	9	0	9	0	0	3	3	0	6	3	0	0	0	400kV Chorniya Amreli Line Cross
11	T10	237.2	237.2	Tower	Tower	Panther	T	9	0	9	0	0	3	3	0	6	0	0	0	0	400kV Chorniya Amreli Line Cross
12	T11	260	260	Tower	Tower	Panther	T	6	0	6	0	0	6	0	0	6	0	0	0	0	
13	T12	243.2	243.2	Tower	Tower	Panther	T	6	0	6	0	0	6	0	0	6	0	0	0	0	
14	T13	286.4	286.4	Tower	Tower	Panther	T	6	0	6	0	0	6	0	0	6	0	0	0	0	
15	T14	189.6		Tower	Tower	Panther	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
16	T15	246.7		Tower	Tower	Panther	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
17	T16	189.5		Tower	Tower	Panther	S	3	3	0	3	0	0	0	3	6	3	0	0	0	
18	T17	237	862.8	Tower	Tower	Panther	T	9	0	9	0	0	3	3	0	6	0	2	0	0	220kV Parbadi Botad Line Cross
19	T18	250.51	250.51	Tower	Tower	Panther	T	9	0	9	0	0	3	3	0	6	0	0	0	0	220kV Parbadi Botad Line Cross
20	T19	246.5		Tower	Tower	Panther	S	3	3	0	3	0	0	0	3	6	0	0	0	0	River Cross
21	T20	255.1	501.6	Tower	Tower	Panther	T	6	0	6	0	0	6	0	0	6	0	0	0	0	River Cross
22	T21	84.7	84.7	Tower	Tower	Panther	T	6	0	6	0	0	6	0	0	6	0	0	0	0	
23	T22	30	30	Tower	Tower	Dog	T	6	0	6	0	0	6	0	0	6	0	1	0	0	
24	T23	133	133	Tower	Tower	Dog	T/TB	12	0	12	0	0	0	6	0	6	0	0	0	0	Paliyad -Vinchhiya Cross Road
25	T24	205	205	Tower	Tower	Dog	T/TB	12	0	12	0	0	0	6	0	6	0	0	0	0	Paliyad -Vinchhiya Cross Road
26	T25	288.8	288.8	Tower	Tower	Dog	T	6	0	6	0	0	6	0	0	6	0	0	0	0	
27	T26	128.7	128.7	H-Frame	B	Dog	T	9	0	9	0	0	3	3	0	6	0	0	0	0	132kv Jasdan Paliyad Line Cross
28	T27	59.2	59.2	H-Frame	B	Dog	T	9	0	9	0	0	3	3	0	6	0	0	0	0	132kv Jasdan Paliyad Line Cross
29	T28	48.8	48.8	Tower	Tower	Dog	T	6	0	6	0	0	6	0	0	6	0	0	0	0	
30	T29	207.6	207.6	Tower	Tower	Dog	T	6	0	6	0	0	6	0	0	6	0	0	0	0	
31	T30	208.1		Tower	Tower	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
32	T31	248.3		Tower	Tower	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
33	T32	258.6		Tower	Tower	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
34	T33	226.7	941.7	Tower	Tower	Dog	T	6	0	6	0	0	6	0	0	6	3	1	0	0	
35	T34	232.9	232.9	Tower	Tower	Dog	T	6	0	6	0	0	6	0	0	6	0	0	0	0	
36	T35	249.8	249.8	Tower	Tower	Dog	T	6	0	6	0	0	6	0	0	6	0	0	0	0	
37	T36	248.5		Tower	Tower	Dog	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
38	T37	202.2	450.7	Tower	Tower	Dog	T/TB	9	0	9	0	0	3	3	0	6	0	0	0	0	Thoriyali Rupavati Cross Road
39	T38	69.7	69.7	Tower	Tower	Dog	T/TB	9	0	9	0	0	3	3	0	6	0	1	0	0	Thoriyali Rupavati Cross Road
40	GENTRY OF RUPAVATI SS	41.3	41.3			Dog	Gentry	3	0	3	0	0	3	0	0	3	0	0	3	6	
	Total	7496.11	7496.11		Total			243	33	210	33	0	126	42	33	234	9	6	6	12	
								Additional Quantity	12	12	6	3	6	3	9	9	0	0	0	0	
								Final Quantity	45	222	39	3	132	45	42	243	9	6	6	12	

Summary	
Line name	66kV Samadhiyala-Rupavati line
Line length CKM	7.496
Conductor to be utilized (KM)	22.600
Type Structure S/C/D/C /H-frame	H Frame+Tower
No of Single Suspension location	11
No of Double Suspension location	0
No of Single Tension location	23
No of Double Tension location	4
Hotline CKT Km	7.259
Coldline CKT kM	0.237