Tower Schedule of 66kV Rupavati-Vinchhiya 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 Stringing/Hard ware(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 of 66KV RUPAVATI S/S					DOG		3	0	3	0	0	3	0	0	3	0	0	3	6	
2	T1	49.8	49.8	Tower	Tower	DOG	T/TB	9	0	9	0	0	3	3	0	6	0	0	0	0	Thoriyali Pipardi Road Cross
3	T2	69.7		Tower	Tower	DOG	T/TB	9	0	9	0	0	3	3	0	6	0	0	0	0	Thoriyali Pipardi Road Cross
4	T3	202.5	272.2	Tower	Tower	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
5	T4	248.5		Tower	Tower	DOG	T	6	0	6	0	0	6	0	0	6	3	0	0	0	River Cross
6	T5	249.8	498.3	Tower	Tower	DOG	T	6	0	6	0	0	6	0	0	6	0	0	0	0	
7	T6	232.9	232.9	Tower	Tower	DOG	T	6	0	6	0	0	6	0	0	6	0	0	0	0	
8	T7	226.7	226.7	Tower	Tower	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
9	T8	258.6		Tower	Tower	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
10	T9	248.3	506.9	Tower	Tower	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
11	T10	208.1		Tower	Tower	DOG	T	6	0	6	0	0	6	0	0	6	0	0	0	0	
12	T11	207.6		Tower	Tower	DOG	T	6	0	6	0	0	6	0	0	6	0	0	0	0	
13	T12	48.8		H FRAME	B	DOG	T	6	0	6	0	0	6	0	0	6	0	1	0	0	
14	T13	59.2		H FRAME	B	DOG	T	9	0	9	0	0	3	3	0	6	0	0	0	0	132 kv paliyad jasdan Line Cross
15	T14	128.7	652.4	Tower	Tower	DOG	T	9	0	9	0	0	3	3	0	6	0	0	0	0	132 kv paliyad jasdan Line Cross
16	T15	288.8		Tower	Tower	DOG	T/TB	12	0	12	0	0	0	6	0	6	0	0	0	0	Paliyad Vinchhiya Road Cross
17	T16	205		Tower	Tower	DOG	T/TB	12	0	12	0	0	0	6	0	6	0	0	0	0	
18	T17	133	626.8	Tower	Tower	DOG	T	6	0	6	0	0	6	0	0	6	0	0	0	0	
19	T18	138	138	H FRAME	A	DOG	S	3	3	0	3	0	0	0	3	6	3	0	0	0	
20	T19	183.5		H FRAME	Tower	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
21	T20	205.1	388.6	H FRAME	Tower	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
22	T21	185.2		H FRAME	Tower	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
23	T22	179.3		H FRAME	Tower	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
24	T23	102.2		H FRAME	C	DOG	T	6	0	6	0	0	6	0	0	6	0	1	0	0	River Cross
25	T24	211.5	678.2	H FRAME	A	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	River Cross
26	T25	203.9		H FRAME	Tower	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
27	T26	211.3		H FRAME	H-Frame	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
28	T27	198.4		H FRAME	H-Frame	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
29	T28	209.5		H FRAME	A	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
30	T29	183.5		H FRAME	A	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
31	T30	194.7		H FRAME	A	DOG	S	3	3	0	3	0	0	0	3	6	0	1	0	0	
32	T31	202.1	1403.4	H FRAME	A	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
33	T32	218.8		H FRAME	A	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
34	T33	218.8		H FRAME	B	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
35	T34	198.6		H FRAME	A	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
36	T35	208		H FRAME	A	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
37	T36	207.9	1052.1	H FRAME	A	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
38	T37	211.7		H FRAME	A	DOG	S	3	3	0	3	0	0	0	3	6	3	0	0	0	
39	T38	209.8		H FRAME	A	DOG	S	3	3	0	3	0	0	0	3	6	0	1	0	0	
40	T39	209.7		H FRAME	A	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
41	T40	208.1		H FRAME	A	DOG	S	6	6	0	0	3	0	0	3	6	0	0	0	0	Vinchhiya Samdhiyala Cross Road
42	T41	222.8		H FRAME	A	DOG	S	6	6	0	0	3	0	0	3	6	0	0	0	0	Vinchhiya Samdhiyala Cross Road
43	T42	155.8		H FRAME	B	DOG	T	6	0	6	0	0	6	0	0	6	0	0	0	0	
44	T43	217.1		H FRAME	A	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
45	T44	203.9		H FRAME	A	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
46	T45	201.8		H FRAME	C	DOG	T	6	0	6	0	0	6	0	0	6	0	1	0	0	
47	T46	197.2		H FRAME	A	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
48	T47	185.8	2223.7	H FRAME	A	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
49	T48	137.7		H FRAME	A	DOG	S/SB	6	6	0	0	3	0	0	3	6	0	0	0	0	Vinchiya Chotila Cross Road
50	T49	192.5		H FRAME	A	DOG	S/SB	6	6	0	0	3	0	0	3	6	0	0	0	0	Vinchiya Chotila Cross Road
51	T50	149.8		H FRAME	C	DOG	T	6	0	6	0	0	6	0	0	6	0	0	0	0	
52	T51	174.1		H FRAME	A	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
53	T52	184	838.1	H FRAME	A	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
54	T53	184		H FRAME	A	DOG	S	6	6	0	0	3	0	0	3	6	0	1	0	0	Vinchhiya Revaniya Cross Road
55	T54	162.3		H FRAME	A	DOG	S	6	6	0	0	3	0	0	3	6	3	0	0	0	Vinchhiya Revaniya Cross Road
56	T55	169.1	515.4	H FRAME	C	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
57	T56	155.2	155.2	H FRAME	A	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
58	T57	165.4		H FRAME	A	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
59	T58	157.5		H FRAME	A	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
60	T59	153	475.9	H FRAME	B	DOG	S	3	3	0	3	0	0	0	3	6	0	0	0	0	
61	GENTRY of 66KV Vinchiya S/S	54.4	54.4			Dog	Gentry	3	0	3	0	0	3	0	0	3	0	0	3	6	
		10989	10989			TOTAL		276	144	132	108	18	84	24	126	360	9	6	6	12	
	Total (KM)	10.989	10.989																		
								Additional Quantity	9	9	3	3	3	3	9	9	0	0	0	0	
								Final Quantitry	153	141	111	21	87	27	135	369	9	6	6	12	

Summary	
Line name	66kV Rupavati-Vinchhiya line
Line length RKM	10.989
Conductor to be utilized (KM)	33.132
Type Structure S/C/D/C /H-frame	H Frame+Tower
No of Single Suspension location	40
No of Double Suspension location	2
No of Single Tension location	13
No of Double Tension location	4
Hotline CKT kM	2.949
Coldline CKT kM	8.040