Tower Schedule of 66kV Otha - Vadli 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	Damper	Mid Span Joint	Repair Sleeve	T-Clamp	HTLS palm w/o hole	Remark
1	Gantry (Vadli SS)						S/T	3	0	3	0	0	3	0	0	3			3	6	
		57.7																			
2	T001		57.7	TOWER	DQ	DOG	S/T	6	0	6	0	0	6	0	0	6			0		
		235.5																			
3	T002			TOWER	DP	DOG	S/S	6	6	0	0	3	0	0	3	6			0		
		252.3																			Vadli to Cemetery rod cross between loc. no. 2 & 3
4	T003		487.8	TOWER	DR	DOG	S/T	9	0	9	0	0	3	3	0	6			0		
		317.5																			
5	T004		317.5	TOWER	DR	DOG	S/T	6	0	6	0	0	6	0	0	6			0		
		264.7																			
6	T005		264.7	TOWER	DR	DOG	S/T	6	0	6	0	0	6	0	0	6			0		
		286.8																			
7	T006			TOWER	DP	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		237.5																			
8	T007			TOWER	DP	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		256																			
9	T008			TOWER	DP	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		252.4																			
10	T009			TOWER	DP	DOG	D/S	6	6	0	0	3	0	0	3	6			0		
		200																			Bhadrod to Mahuva rod cross between loc. no. 9 & 10
11	T010		1232.7	TOWER	DQ	DOG	S/T,D/T	12	0	12	0	0	0	6	0	6			0		
		224.2																			Bhavnagar to Mahuva Highway between loc. no. 10 & 11
12	T011			TOWER	DP	DOG	S/S	6	6	0	0	3	0	0	3	6			0		
		279.2																			
13	T012			TOWER	DP	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		213.3																			
14	T013			TOWER	DP	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		240.6																			
15	T014			TOWER	DP	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		254																			
16	T015			TOWER	DP	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		230.8																			
17	T016		1442.1	TOWER	DQ	DOG	S/T	9	0	9	0	0	3	3	0	6			0		
		273.8																			River cross between loc. no. 16 & 17
18	T017			TOWER	DP	DOG	S/S	6	6	0	0	3	0	0	3	6			0		
		192.2																			
19	T018			TOWER	DP	DOG	S/S	6	6	0	0	3	0	0	3	6			0		
		235.4																			Agriculture rough road cross between loc. no 18 & 19.
20	T019			TOWER	DP	DOG	S/S	6	6	0	0	3	0	0	3	6			0		
		227.8																			
21	T020			TOWER	DP	DOG	S/S	6	6	0	0	3	0	0	3	6			0		
		254.1																			Talgajarda to Bhadrod rod cross between loc. no. 20 & 21
22	T021			TOWER	DP	DOG	S/S	6	6	0	0	3	0	0	3	6			0		
		205.3																			
23	T022			TOWER	DP	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		205.5																			
24	T023			TOWER	DP	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		229																			
25	T024		1823.1	TOWER	DS	DOG	S/T	6	0	6	0	0	6	0	0	6			0		
		124.6																			
26	T025		124.6	H-FRAME	B	DOG	S/T	6	0	6	0	0	6	0	0	6			0		
		213.6																			
27	T026			H-FRAME	A	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		205.9																			
28	T027			H-FRAME	A	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		217.2																			
29	T028			H-FRAME	A	DOG	S/S	6	6	0	0	3	0	0	3	6			0		
		190.7																			Bhadrod to Ratol rod cross between loc. no. 28 & 29
30	T029			H-FRAME	A	DOG	S/S	6	6	0	0	3	0	0	3	6			0		
		190.5																			
31	T030			H-FRAME	A	DOG	S/S	6	6	0	0	3	0	0	3	6			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	Damper	Mid Span Joint	Repair Sleeve	T-Clamp	HTLS palm w/o hole	Remark
		214.9																			River cross between loc. no. 30 & 31.
32	T031			H-FRAME	A	DOG	S/S	6	6	0	0	3	0	0	3	6			0		
		202.4																			
33	T032			H-FRAME	A	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		194.2																			
34	T033			H-FRAME	A	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		200.1																			
35	T034			H-FRAME	A	DOG	S/S	6	6	0	0	3	0	0	3	6	3		0		
		190.2																			Bhadrod to Ratol rod cross between loc. No. 34 & 35
36	T035			H-FRAME	A	DOG	S/S	6	6	0	0	3	0	0	3	6			0		
		182.5																			
37	T036			H-FRAME	A	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		202.4																			
38	T037		2404.6	H-FRAME	B	DOG	S/T	6	0	6	0	0	6	0	0	6			0		
		196.5																			
39	T038			H-FRAME	A	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		195.3																			
40	T039			H-FRAME	A	DOG	S/S	6	6	0	0	3	0	0	3	6			0		
		197.6																			Bhadrod to Chuna agriculture rough road cross between loc. no. 39 & 40
41	T040			H-FRAME	A	DOG	S/S	6	6	0	0	3	0	0	3	6			0		
		205.9																			
42	T041			H-FRAME	A	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		219.2																			
43	T042			H-FRAME	A	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		193																			
44	T043			H-FRAME	A	DOG	S/S	6	6	0	0	3	0	0	3	6			0		
		195.3																			Bhadrod to Khatsura rod cross between loc. no. 43 & 44
45	T044			H-FRAME	A	DOG	S/S	6	6	0	0	3	0	0	3	6			0		
		201.1																			
46	T045			H-FRAME	A	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		173.6																			
47	T046			H-FRAME	A	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		178.2															3				
48	T047		1955.7	H-FRAME	B	DOG	S/T	9	0	9	0	0	3	3	0	6			0		
		170.7																			Bhadrod to Bhadrodi river rough road and Bhadrodi river cross between loc. no. 47 & 48
49	T048		170.7	H-FRAME	B	DOG	S/T	9	0	9	0	0	3	3	0	6			0		Agriculture rough road cross between loc. no. 48 & 49
		185.3																			
50	T049			H-FRAME	A	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		184.2																			
51	T050			H-FRAME	A	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		203.9																			
52	T051		573.4	H-FRAME	B	DOG	S/T	6	0	6	0	0	6	0	0	6			0		
		168.3																			
53	T052			H-FRAME	A	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		164.6																			
54	T053			H-FRAME	A	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		181.6																			
55	T054			H-FRAME	A	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		136.4																			
56	T055			H-FRAME	A	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		127.5																			
57	T056			H-FRAME	A	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		148.3																			
58	T057			H-FRAME	A	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		188.7																			
59	T058			H-FRAME	A	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		159																			
60	T059			H-FRAME	A	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		127.5																			
61	T060		1401.9	H-FRAME	B	DOG	S/T	6	0	6	0	0	6	0	0	6			0		
		208.5																			
62	T061			H-FRAME	A	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		154.5																			
63	T062			H-FRAME	A	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		165.3																			
64	T063			H-FRAME	A	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		160.2																			Khatsura to Taredi Agriculture rough road cross between loc. no. 63 & 64

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	Damper	Mid Span Joint	Repair Sleeve	T-Clamp	HTLS palm w/o hole	Remark
65	T064			H-FRAME	A	DOG	S/S	6	6	0	0	3	0	0	3	6			0		
		219.3																			Highway to Khatsura road cross between loc.no.64 & 65
66	T065			H-FRAME	A	DOG	S/S	6	6	0	0	3	0	0	3	6			0		
		174.5																			
67	T066			H-FRAME	A	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		160.2																			
68	T067		1242.5	H-FRAME	B	DOG	S/T	6	0	6	0	0	6	0	0	6			0		
		192.6																			
69	T068		192.6	H-FRAME	B	DOG	S/T	6	0	6	0	0	6	0	0	6			0		
		170.7																			
70	T069			H-FRAME	A	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		125.2																			
71	T070			H-FRAME	A	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		157.5																			
72	T071			H-FRAME	A	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		169.1																			
73	T072			H-FRAME	A	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		154.2																			66kV Otha-Talgajarda Line Cross between loc.no.72 & 73
74	T073			H-FRAME	A	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		193.1																			
75	T074		969.8	H-FRAME	B	DOG	S/T	6	0	6	0	0	6	0	0	6			0		
		160.8																			Otha to Bhadrod Agriculture rough road cross between loc. no. 74 &75.
76	T075			H-FRAME	A	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		144.2																			
77	T076			H-FRAME	A	DOG	S/S	3	3	0	3	0	0	0	3	6			0		
		177.4																			
78	T077			H-FRAME	A	DOG	S/S	6	6	0	0	3	0	0	3	6			0		
		271																			Mangukiya Sarovar between loc.no.77 & 78
79	T078		753.4	H-FRAME	B	DOG	S/T,D/T	12	0	12	0	0	0	6	0	6			0		
		28.3																			Otha to Rohisa road cross between loc. no. 78 to 79
80	T079		28.3	H-FRAME	B	DOG	S/T,D/T	9	0	9	0	0	3	3	0	6			0		
		49.9																			
81	Gantry (Otha SS)		49.9	GENTRY			S/T	3	0	3	0	0	3	0	0	3			3	6	
	Total	**15493**	**15493**						**246**	**141**	**120**	**63**	**87**	**27**	**183**	**480**	**9**	**9**	**6**	**12**	
								Additional Quantity	12	9	6	3	3	3	9	9	0	0	0	0	
								Final Quantity	258	150	126	66	90	30	192	489	9	9	6	12	

Summery	
Line name	66kV Otha - Vadli line
Line length RKM	15.493
Conductor to be used CKM	**46.711**
Type Structure S/C/D/C /H-frame	S/C Tower+ H Frame
No of Single Suspension location	60
No of Double Suspension location	1
No of Single Tension location	15
No of Double Tension location	3
Hotline CKT kM	9.867
Coldline CKT kM	5.626