Tower Schedule of 66kV Patri Sadau 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
0	PATRI END GNETRY						S/T	3		3	0	0	3	0	0	3			3	6	
		18	18			Dog															
1	T01			D/C TOWER	D/C TOWER		S/T	6		6	0	0	6	0	0	6					
		253	253			Dog															
2	T02			D/C TOWER	D/C TOWER		D/S	6	6		0	3	0	0	3	6					
		192	192			Dog															Patri-Vaghura road crossing
3	T03			D/C TOWER	D/C TOWER		S/T+D/T	9		9	0	0	3	3	0	6					
		289	289			Dog															
4	T04			D/C TOWER	D/C TOWER		S/S	3	3		3	0	0	0	3	6					
		235	235			Dog															
5	T05			D/C TOWER	D/C TOWER		S/S	3	3		3	0	0	0	3	6					
		263	263			Dog															
6	T06			D/C TOWER	D/C TOWER		S/S	3	3		3	0	0	0	3	6					
		306	306			Dog															
7	T07			D/C TOWER	D/C TOWER		S/S	3	3		3	0	0	0	3	6					
		276	276			Dog															
8	T08			D/C TOWER	D/C TOWER		S/T	6		6	0	0	6	0	0	6					
		242	242			Dog															
9	T09			D/C TOWER	D/C TOWER		D/S	6	6		0	3	0	0	3	6					
		203	203			Dog															Patri-Kondrodi road crossing
10	T10			D/C TOWER	D/C TOWER		D/S	6	6		0	3	0	0	3	6					
		269	269			Dog															
11	T11			D/C TOWER	D/C TOWER		S/T	6		6	0	0	6	0	0	6					
		237	237			Dog															
12	T12			D/C TOWER	D/C TOWER		S/S	3	3		3	0	0	0	3	6					
		276	276			Dog															
13	T13			D/C TOWER	D/C TOWER		S/T	6		6	0	0	6	0	0	6					
		165	165			Dog															
14	DP14			H-FRAME	H-FRAME		S/T	6		6	0	0	6	0	0	6					
		67	67			Dog															Line Crossing
15	DP15			H-FRAME	H-FRAME		S/T	6		6	0	0	6	0	0	6					
		64	64			Dog															
16	T16			D/C TOWER	D/C TOWER		S/T	6		6	0	0	6	0	0	6					
		250	250			Dog															
17	T17			D/C TOWER	D/C TOWER		S/S	3	3		3	0	0	0	3	6					
		231	231			Dog															
18	T18			D/C TOWER	D/C TOWER		S/T	6		6	0	0	6	0	0	6					
		257	257			Dog															
19	T19			D/C TOWER	D/C TOWER		S/S	3	3		3	0	0	0	3	6					
		261	261			Dog															
20	T20			D/C TOWER	D/C TOWER		S/S	3	3		3	0	0	0	3	6					
		193	193			Dog															
21	T21			D/C TOWER	D/C TOWER		S/S	3	3		3	0	0	0	3	6					
		192	192			Dog															
22	T22			D/C TOWER	D/C TOWER		S/S	3	3		3	0	0	0	3	6					
		147	147			Dog															
23	T23			D/C TOWER	D/C TOWER		S/T	6		6	0	0	6	0	0	6					
		99	99			Dog															
24	DP24			H-FRAME	H-FRAME		S/T	6		6	0	0	6	0	0	6					
		80	80			Dog															220 Nkkr Mokha Line Crossing
25	DP25			H-FRAME	H-FRAME		S/T	6		6	0	0	6	0	0	6					
		87	87			Dog															
26	T26			D/C TOWER	D/C TOWER		S/T	6		6	0	0	6	0	0	6					
		138	138			Dog															
27	T27			D/C TOWER	D/C TOWER		S/T	6		6	0	0	6	0	0	6					
		76	76			Dog															
28	DP28			H-FRAME	H-FRAME		S/T	6		6	0	0	6	0	0	6					
		71	71			Dog															APL Hadala Line Crossing
29	DP29			H-FRAME	H-FRAME		S/T	6		6	0	0	6	0	0	6					
		64	64			Dog															
30	T30			D/C TOWER	D/C TOWER		S/T	6		6	0	0	6	0	0	6					
		223	223			Dog															
31	T31			D/C TOWER	D/C TOWER		S/S	3	3		3	0	0	0	3	6					
		187	187			Dog															
32	T32			D/C TOWER	D/C TOWER		S/S	3	3		3	0	0	0	3	6					
		256	256			Dog															
33	T33			D/C TOWER	D/C TOWER		S/S	3	3		3	0	0	0	3	6					
		235	235			Dog															
34	T34			D/C TOWER	D/C TOWER		S/T	6		6	0	0	6	0	0	6					
		107	107			Dog															
35	DP35			H-FRAME	H-FRAME		S/T	6		6	0	0	6	0	0	6					
		71	71			Dog															400KV Mundra Dahegam Crossing

Tower Schedule of 66kV Patri Sadau 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
36	DP36			H-FRAME	H-FRAME		S/T	6		6	0	0	6	0	0	6					
		72	72			Dog															
37	T37			D/C TOWER	D/C TOWER		S/T	6		6	0	0	6	0	0	6					
		125	125			Dog															
38	T38			D/C TOWER	D/C TOWER		S/T	6		6	0	0	6	0	0	6					
		234	234			Dog															
39	T39			D/C TOWER	D/C TOWER		S/T	6		6	0	0	6	0	0	6					
		288	288			Dog															
40	T40			D/C TOWER	D/C TOWER		S/T	6		6	0	0	6	0	0	6					
		240	240			Dog															
41	T41			D/C TOWER	D/C TOWER		S/S	3	3		3	0	0	0	3	6					
		190	190			Dog															
42	T42			D/C TOWER	D/C TOWER		S/T+D/T	9		9	0	0	3	3	0	6					
		333	333			Dog															Gundala-Ratadiya road crossing (small pond as well)
43	T43			D/C TOWER	D/C TOWER		S/T+D/T	9		9	0	0	3	3	0	6					
		231	231			Dog															
44	T44			D/C TOWER	D/C TOWER		S/T	6		6	0	0	6	0	0	6					
		269	269			Dog															
45	T45			D/C TOWER	D/C TOWER		S/T	6		6	0	0	6	0	0	6					
		283	283			Dog															
46	T46			D/C TOWER	D/C TOWER		S/T	6		6	0	0	6	0	0	6					
		259	259			Dog															
47	T47			D/C TOWER	D/C TOWER		S/S	3	3		3	0	0	0	3	6					
		230	230			Dog															
48	T48			D/C TOWER	D/C TOWER		S/S	3	3		3	0	0	0	3	6					
		275	275			Dog															
49	T49			D/C TOWER	D/C TOWER		S/T	6		6	0	0	6	0	0	6					
		201	201			Dog															
50	T50			D/C TOWER	D/C TOWER		S/S	3	3		3	0	0	0	3	6					
		241	241			Dog															
51	T51			D/C TOWER	D/C TOWER		S/T+D/T	9		9	0	0	3	3	0	6					
		176	176			Dog															NH41 Crossing
52	T52			D/C TOWER	D/C TOWER		S/T+D/T	9		9	0	0	3	3	0	6					
		191	191			Dog															
53	T53			D/C TOWER	D/C TOWER		S/T	6		6	0	0	6	0	0	6					
		192	192			Dog															Besides Narmada canal & river crossing
54	T54			D/C TOWER	D/C TOWER		S/T	6		6	0	0	6	0	0	6					
		251	251			Dog															
55	T55			D/C TOWER	D/C TOWER		S/T+D/T	9		9	0	0	3	3	0	6					
		113	113			Dog															Gundal Mokha road Crossing
56	T56			D/C TOWER	D/C TOWER		S/T+D/T	9		9	0	0	3	3	0	6					
		167	167			Dog															
57	T57			D/C TOWER	D/C TOWER		S/T	6		6	0	0	6	0	0	6					
		101	101			Dog															
58	T58			D/C TOWER	D/C TOWER		S/T	6		6	0	0	6	0	0	6					LILO Tower
		37	37			Dog															
59	DP59			H-FRAME	H-FRAME		S/T	6		6	0	0	6	0	0	6					
		182	182			Dog															
60	DP60			H-FRAME	H-FRAME		S/S	3	3		3	0	0	0	3	6					
		186	186			Dog															
61	DP61			H-FRAME	H-FRAME		S/S	3	3		3	0	0	0	3	6					
		183	183			Dog															
62	DP62			H-FRAME	H-FRAME		S/S	3	3		3	0	0	0	3	6					
		177	177			Dog															
63	DP63			H-FRAME	H-FRAME		S/S	6	6		0	3	0	0	3	6					
		186	186			Dog															Gundala Luni road crossing
64	DP64			H-FRAME	H-FRAME		S/S	6	6		0	3	0	0	3	6					
		151	151			Dog															
65	DP65			H-FRAME	H-FRAME		S/T	6		6	0	0	6	0	0	6					
		181	181			Dog															
66	DP66			H-FRAME	H-FRAME		S/S	3	3		3	0	0	0	3	6					
		181	181			Dog															
67	DP67			H-FRAME	H-FRAME		S/S	3	3		3	0	0	0	3	6					
		175	175			Dog															
68	DP68			H-FRAME	H-FRAME		S/S	3	3		3	0	0	0	3	6					
		182	182			Dog															
69	DP69			H-FRAME	H-FRAME		S/S	3	3		3	0	0	0	3	6					
		183	183			Dog															
70	DP70			H-FRAME	H-FRAME		S/S	3	3		3	0	0	0	3	6					
		153	153			Dog															
71	DP71			H-FRAME	H-FRAME		S/S	3	3		3	0	0	0	3	6					
		187	187			Dog															
72	DP72			H-FRAME	H-FRAME		S/T	6		6	0	0	6	0	0	6					
		168	168			Dog															

Tower Schedule of 66kV Patri Sadau 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
73	DP73			H-FRAME	H-FRAME		S/S	3	3		3	0	0	0	3	6					
		146	146			Dog															
74	DP74			H-FRAME	H-FRAME		S/S	3	3		3	0	0	0	3	6					
		183	183			Dog															
75	DP75			H-FRAME	H-FRAME		S/S	3	3		3	0	0	0	3	6					
		180	180			Dog															
76	DP76			H-FRAME	H-FRAME		S/S	3	3		3	0	0	0	3	6					
		162	162			Dog															
77	DP77			H-FRAME	H-FRAME		S/S	3	3		3	0	0	0	3	6					
		178	178			Dog															
78	DP78			H-FRAME	H-FRAME		S/S	3	3		3	0	0	0	3	6					
		182	182			Dog															
79	DP79			H-FRAME	H-FRAME		S/S	3	3		3	0	0	0	3	6					
		179	179			Dog															
80	DP80			H-FRAME	H-FRAME		S/T	6		6	0	0	6	0	0	6					
		53	53			Dog															
81	Tower 81			D/C TOWER	D/C TOWER		S/T	6		6	0	0	6	0	0	6					LILO TOWER
		95	95			Dog															
83	Tower 82			D/C TOWER	D/C TOWER		S/T+D/T	9		9			3	3		6					
		103	103			Dog															Mundra-Gundala road crossing
84	Tower 83			D/C TOWER	D/C TOWER		S/T+D/T	9		9			3	3		6					
		285	285			Dog															
85	Tower 84			D/C TOWER	D/C TOWER		S/T	6		6			6			6					
		140	140			Dog															
86	Tower 85			D/C TOWER	D/C TOWER		S/T	9	3	6	3		6			6					90-Degree tower
		35	35			Dog															
87	66KV Sadau Gantry			GANTRY	GANTRY		S/T	3		3			3			3	9	9	3	6	
		15675	15675	0	0	0	0	447	132	315	102	15	261	27	114	516	9	9	6	12	
							Additional Quantity	21	9	12	3	3	6	3	3	6	0	0	0	0	
							Final Quantities	468	141	327	105	18	267	30	117	522	9	9	6	12	

Summary	
Line name	66kV Patri-Sadau line
Line length CKM	15.675
Conductor to be used CKM	47.260
Type Structure S/C/D/C / H-frame	H Frame & Tower
No of Single Suspension location	35
No of Double Suspension location	3
No of Single Tension location	38 + 2 GANTRY
No of Double Tension location	9
Hotline CKT kM	11.701
Coldline CKT kM	3.974