66 kV Shivlakha -Samakhiyali 5 [Now LILO at Adhoi substation - 66kV Samkhiyali -Adhoi line (ACSR Dog Portion)]																					
GPS No	TOWER ID	Tower span (in meter)	Section Length (in meter)	Type of stracture	Type_of_ Tower(A/ B/C/D/R/S /T/Y)	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	Mid span joint	Repair Sleeve	T connector with pad	HTLS palm w/o hole	Remark
5	GENTRY(SAMAKHIYALI SS/ADHOI LINE)							3		3			3			3			3	6	
6	T001	37.205167		H-FRAME	D	DOG	T	6	0	6			6			6					
7			37.205167																		SHAMKHYALI VILLAGE ROUGH ROAD CROSS.
10	T002	181.45685		H-FRAME	B	DOG	T	6	0	6			6			6					
11			218.662016																		
12	T003	142.91213		H-FRAME	D	DOG	S	3	3	0	3				3	6					
13			361.574148																		
16	T004	139.76185		H-FRAME	B	DOG	S	3	3	0	3				3	6					
18			501.335996																		
19	T005	161.56952		H-FRAME	B	DOG	S	3	3	0	3				3	6					
			662.905517																		
20	T006	139.85833		H-FRAME	B	DOG	S	3	3	0	3				3	6					
21			802.763845																		SHAMKHYALI VILLAGE ROUGH ROAD CROSS.
24	T007	124.24501	0	H-FRAME	C	DOG	T	6	0	6			6			6					
25			927.008859																		
26	T008	220.82666	0	TOWER	C	DOG	T,T,D	12	0	12				6		6					
27			1147.835518																		NH8A ROAD CROSS.,RAILWAY TRACK CROSS(BHUJ-SAMAKHYALI)
29	T009	135.14504	0	TOWER	B	DOG	T,T,D	12	0	12				6		6					
30			1282.980561																		SHAMKHYALI VILLAGE ROUGH ROAD CROSS.
31	T010	160.65329	0	H-FRAME	B	DOG	T	6	0	6			6			6					
32			1443.63385																		
33	T011	177.86712	0	H-FRAME	B	DOG	S	3	3	0	3				3	6					
34			1621.500968																		
36	T012	175.29313	0	H-FRAME	B	DOG	T	6	0	6			6			6					
			1796.794094																		
37	T013	174.86308	0	H-FRAME	A	DOG	T	9	0	9			3	3		6					
			1971.657177																		COAL FACTORY
38	T014	142.60159	0	H-FRAME	A	DOG	T	9	0	9			3	3		6					
			2114.25877																		
39	T015	181.73542	0	H-FRAME	B	DOG	T	6	0	6			6			6					
40			2295.994187																		220KV LINE CROSS(SHIVLAKHA TO TAPPAR)
42	T016	197.61642	0	H-FRAME	B	DOG	S	3	3	0	3				3	6					
			2493.610611																		
43	T017	165.0951	0	H-FRAME	B	DOG	T	6	0	6			6			6					
			2658.705709																		
44	T018	163.38277	0	H-FRAME	A	DOG	S	3	3	0	3				3	6					
			2822.088483																		AGRICULTURE AREA ROUGH ROAD CROSS.
45	T019	172.8678	0	H-FRAME	A	DOG	S	3	3	0	3				3	6					
46			2994.956287																		
47	T020	178.28173	0	H-FRAME	A	DOG	S	3	3	0	3				3	6					
48			3173.238021																		SHAMKHYALI VILLAGE ROUGH ROAD CROSS.
51	T021	207.02553	0	H-FRAME	C	DOG	S	3	3	0	3				3	6					
			3380.263549																		
52	T022	171.68941	0	H-FRAME	B	DOG	S	3	3	0	3				3	6					
53			3551.952959																		
56	T023	189.06087	0	H-FRAME	A	DOG	S	3	3	0	3				3	6					
			3741.01383																		AGRICULTURE AREA ROUGH ROAD CROSS.
57	T024	154.8454	0	H-FRAME	B	DOG	T	6	0	6			6			6					
58			3895.859227																		
59	T025	142.41678	0	H-FRAME	A	DOG	S	3	3	0	3				3	6					
60			4038.276005																		
61	T026	212.85103	0	H-FRAME	A	DOG	S	3	3	0	3				3	6					
62			4251.127038																		AGRICULTURE AREA ROUGH ROAD CROSS.
63	T027	155.72889	0	H-FRAME	A	DOG	S	3	3	0	3				3	6					
64			4406.855923																		AGRICULTURE AREA ROUGH ROAD CROSS.400KV LINE CROSS(ADANI TO HADALA)
65	T028	183.26952	0	H-FRAME	A	DOG	S	3	3	0	3				3	6					
			4590.125447																		
66	T029	178.86301	0	H-FRAME	A	DOG	S	3	3	0	3				3	6					
			4768.988452																		

66 kV Shivlakha -Samakhiyali 5 [Now LILO at Adhoi substation - 66kV Samkhiyali -Adhoi line (ACSR Dog Portion)]																					
GPS No	TOWER ID	Tower span (in meter)	Section Length (in meter)	Type of stracture	Type_of_ Tower(A/ B/C/D/R/S /T/Y)	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	Mid span joint	Repair Sleeve	T connector with pad	HTLS palm w/o hole	Remark
67	T030	177.90666	0	H-FRAME	B	DOG	S	3	3	0	3				3	6					
68			4946.895107																		
69	T031	173.10399	0	H-FRAME	A	DOG	S	3	3	0	3				3	6					
			5119.999099																		
66	T032	146.85194	0	H-FRAME	A	DOG	T	6	0	6			6			6					
65			5266.851034																		400KV LINE CROSS(VARSANA TO HADALA)
63	T033	186.88379	0	H-FRAME	A	DOG	S	3	3	0	3				3	6					
			5453.734828																		
62	T034	136.86805	0	H-FRAME	A	DOG	S	3	3	0	3				3	6					
			5590.602877																		AGRICULTURE AREA ROUGH ROAD CROSS.
61	T035	123.98607	0	H-FRAME	A	DOG	S	3	3	0	3				3	6					
			5714.588951																		
60	T036	157.91163	0	H-FRAME	A	DOG	S	3	3	0	3				3	6					
59			5872.500578																		AGRICULTURE AREA ROUGH ROAD CROSS.
58	T037	132.91659	0	H-FRAME	B	DOG	S	3	3	0	3				3	6					
			6005.417172																		
57	T038	166.40515	0	H-FRAME	B	DOG	T	6	0	6			6			6					
			6171.822319																		
56	T039	177.09445	0	H-FRAME	B	DOG	S	3	3	0	3				3	6					
55			6348.916772																		
53	T040	194.97538	0	H-FRAME	A	DOG	S	3	3	0	3				3	6					
52			6543.892156																		AGRICULTURE AREA ROUGH ROAD CROSS.
51	T041	158.02456	0	H-FRAME	A	DOG	S	3	3	0	3				3	6					
			6701.916718																		
49	T042	177.58833	0	H-FRAME	A	DOG	S	3	3	0	3				3	6					
48			6879.505046																		
46	T043	159.91049	0	H-FRAME	A	DOG	T	6	0	6			6			6					
			7039.415535																		400KV LINE CROSS(MUNDRA TO WELSPUN)
45	T044	134.98039	0	H-FRAME	C	DOG	T	6	0	6			6			6					
44			7174.395929																		400KV LINE CROSS.
43	T045	165.71473	0	H-FRAME	A	DOG	S	3	3	0	3				3	6					
42			7340.110656																		
41	T046	127.4127	0	H-FRAME	A	DOG	S	3	3	0	3				3	6					
40			7467.523355																		
38	T047	151.8264	0	H-FRAME	A	DOG	S	3	3	0	3				3	6					
37			7619.349757																		
35	T048	145.40561	0	H-FRAME	A	DOG	S	3	3	0	3				3	6					
34			7764.755367																		
32	T049	147.13192	0	H-FRAME	A	DOG	S	3	3	0	3				3	6					
			7911.887287																		
31	T050	132.4312	0	H-FRAME	A	DOG	S	3	3	0	3				3	6					
30			8044.318484																		
29	T051	166.82839	0	H-FRAME	C	DOG	S	3	3	0	3				3	6					
			8211.146869																		
28	T052	159.62067	0	H-FRAME	B	DOG	T	6	0	6			6			6					
27			8370.767541																		
26	T053	166.63566	0	H-FRAME	C	DOG	S	3	3	0	3				3	6					
25			8537.403197																		
23	T054	160.85287	0	H-FRAME	A	DOG	S	3	3	0	3				3	6					
22			8698.256065																		
21	T055	147.10878	0	H-FRAME	A	DOG	S	3	3	0	3				3	6					
20			8845.364847																		
18	T056	149.65685	0	H-FRAME	A	DOG	S	3	3	0	3				3	6					
			8995.021697																		
17	T057	79.729329	0	H-FRAME	A	DOG	S	3	3	0	3				3	6					
			9074.751026																		
16	T058	155.89188	0	H-FRAME	B	DOG	S	3	3	0	3				3	6					
			9230.642904																		
15	T059	187.43946	0	H-FRAME	A	DOG	T	6	0	6			6			6					
14			9418.082359																		
13	T060	178.37702	0	H-FRAME	A	DOG	T	6	0	6			6			6					
12			9596.459381																		
8	T061	161.92951	0	H-FRAME	A	DOG	S	6	6	0		3			3	6					
			9758.388891																		ADHOI ROAD CROSS.
7	T062	113.43079	0	H-FRAME	A	DOG	S	6	6	0		3			3	6					
			9871.819683																		
	T063	173.63456		H-FRAME	B	DOG	S	6	6	0		3			3	6					

66 kV Shivlakha -Samakhiyali 5 [Now LILO at Adhoi substation - 66kV Samkhiyali -Adhoi line (ACSR Dog Portion)]																				
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			10045.45424																		ADHOI VILLAGE ROAD CROSS.
	T064	116.32807		H-FRAME	A	DOG	S	6	6	0		3			3	6					
			10161.78231																		
	T065	160.34655		H-FRAME	A	DOG	T	9	0	9			3	3		6					
			10322.12886																		ADHOI VILLAGE ROAD CROSS.
2	GENTRY(ADHOI SS/SMK-ADHOI LINE)	36.983604						6		6				3		3	6	6	3	6	
			10359.11247																		
	Total	10359.112	10359.11247					297	147	150	123	12	102	24	135	396	6	6	6	12	
							Additional Quantities	18	9	9	3	3	3	3	3	6	0	0	0	0	
							Final Quantities	315	156	159	126	15	105	27	138	402	6	6	6	12	

Summary	
Line name	66kV Samakhiyali-Adhoi Line
Line length CKM	10.359
Conductor to be used CKM	31.232
Type Structure S/C/D/C / H-	H Frame
No of Single Suspension	45
No of Double Suspension	0
No of Single Tension location	18
No of Double Tension location	2
Hotline CKT kM	0
Coldline CKT kM	10.359