

MSETCL, Nagpur
Detailed, Route Survey
MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. L.T.D.
132 Kv LAKHANDUR TO MORGAON (ARJUNI) TRANSMISSION LINE
Co-Ordinates and RL's of Tower

	Tower No.	Cumulative distance	Tower Type	Easting	Northing	Elevation	Longitude	Latitude
1	CI-EX. TWR.	0.00	DDE+0	384369	2296249	99.69	79°53'21.11"	20°45'44.62"
2	CM/0	79.13	D+0	384317	2296189	98.32	79°53'19.34"	20°45'42.66"
3	CI-HI	149.93	SD	384336	2296121	96.63	79°53'20.03"	20°45'40.45"
4	C1-H2	215.10	SD	384399	2296102	97.90	79°53'22.19"	20°45'39.85"
5	2/0	324.96	D+0	384508	2296099	97.85	79°53'25.99"	20°45'39.77"
6	C2 EX. TWR. 1	0.00	DDE+0	384493	2296271	98.84	79°53'25.4"	20°45'45.37"
7	C2 EX. TWR. 2	145.22	DD+0	384501	2296126	98.52	79°53'25.73"	20°45'40.65"
8	2/0	173.28	D+0	384508	2296099	97.85	79°53'25.99"	20°45'39.77"
9	3/0	623.03	D+0	384806	2296095	91.86	79°53'36.29"	20°45'39.72"
10	3/1	933.96	A+0	385066	2295924	89.53	79°53'45.31"	20°45'34.22"
11	4/0	1189.31	C+0	385279	2295784	88.83	79°53'52.72"	20°45'29.7"
12	4/1	1514.30	A+0	385450	2295507	86.50	79°53'58.7"	20°45'20.74"
13	5/0	1790.87	B+3	385596	2295272	86.85	79°54'3.78"	20°45'13.13"
14	6/0	2115.50	B+6	385780	2295005	85.89	79°54'10.2"	20°45'4.47"
15	7/0	2411.46	D+0	385999	2294806	86.35	79°54'17.84"	20°44'58.06"
16	7/1	2656.46	B+0	386075	2294573	84.88	79°54'20.52"	20°44'50.5"
17	8/0	2940.44	C+0	386163	2294303	86.94	79°54'23.63"	20°44'41.74"
18	8/1	3255.44	A+0	386373	2294068	89.41	79°54'30.94"	20°44'34.14"
19	8/2	3535.44	A+0	386560	2293859	90.49	79°54'37.43"	20°44'27.39"
20	8/3	3835.44	A+0	386759	2293636	90.32	79°54'44.39"	20°44'20.15"
21	8/4	4130.44	B+0	386956	2293415	93.14	79°54'51.23"	20°44'13.03"
22	8/5	4400.44	B+0	387135	2293214	95.03	79°54'57.49"	20°44'6.52"
23	9/0	4610.82	D+0	387275	2293057	95.87	79°55'2.37"	20°44'1.45"
24	9/1	4890.81	A+6	387552	2293014	95.77	79°55'11.94"	20°44'0.1"
25	9/2	5230.81	A+0	387888	2292915	92.96	79°55'23.57"	20°43'58.46"
26	10/0	5530.46	C+0	388184	2292915	92.62	79°55'33.81"	20°43'57.02"
27	10/1	5815.46	A+0	388459	2292989	91.23	79°55'3.31"	20°43'59.5"
28	10/2	6160.46	A+0	388792	2293079	91.83	79°55'54.8"	20°44'2.5"
29	10/3	6510.46	A+3	389130	2293171	96.91	79°56'6.46"	20°44'5.55"
30	11/0	6757.89	C+0	389369	2293235	96.04	79°56'14.7"	20°44'7.7"
31	11/1	7067.89	A+0	389636	2293393	92.78	79°56'23.9"	20°44'12.87"
32	11/2	7357.89	A+0	389886	2293540	91.82	79°56'32.5"	20°44'17.72"
33	11/3	7657.89	A+3	390144	2293692	90.96	79°56'41.41"	20°44'22.72"
34	12/0	7998.04	B+0	390437	2293865	93.67	79°56'51.5"	20°44'28.4"
35	12/1	8326.04	A+0	390643	224120	95.20	79°56'58.56"	20°44'36.75"
36	12/2	8636.04	A+0	390837	2254362	100.09	79°57'5.22"	20°44'44.65"
37	12/3	8931.04	A+0	391022	2294592	102.57	79°57'11.57"	20°44'52.16"
38	12/4	9236.04	A+0	391214	2294829	103.36	79°57'18.13"	20°44'59.92"
39	13/0	9541.42	B+0	391405	2295067	104.63	79°57'24.7"	20°45'7.7"
40	13/1	9821.42	A+0	391619	2295248	103.30	79°57'32.05"	20°45'13.63"
41	13/2	10101.42	A+0	391833	2295429	104.33	79°57'39.4"	20°45'19.56"
42	13/3	10421.42	A+0	392077	2295636	103.00	79°57'47.79"	20°45'26.34"
43	13/4	10711.42	A+0	392298	2295823	103.13	79°57'55.41"	20°45'32.48"
44	13/5	11026.42	A+0	392539	2296027	103.32	79°58'3.67"	20°45'39.15"
45	13/6	11316.42	A+0	392760	2296214	105.04	79°58'11.28"	20°45'45.29"
46	13/7	11616.42	A+0	392989	2296408	106.77	79°58'19.16"	20°45'51.64"
47	13/8	11927.42	B+0	393226	2296609	106.94	79°58'27.32"	20°45'58.23"
48	13/9	12227.42	A+0	393455	2296803	111.83	79°58'35.2"	20°46'4.58"
49	13/10	12527.42	B+0	393684	2296997	114.51	79°58'43.07"	20°46'10.93"
50	13/11	12767.42	B+0	393867	2297152	114.19	79°58'49.37"	20°46'16.01"
51	14/0	13044.93	D+0	394079	2297331	110.67	79°58'56.65"	20°46'21.89"
52	14/1	13309.93	B+0	394156	2297585	108.86	79°58'59.26"	20°46'30.15"
53	15/0	13581.21	D+0	394235	2297844	110.68	79°59'1.93"	20°45'38.61"
54	15/1	13866.20	B+0	394462	2298017	107.38	79°59'9.74"	20°46'44.27"
55	15/2	14126.20	B+0	394668	2298174	105.11	79°59'16.86"	20°46'49.44"
56	15/3	14426.20	A+0	394907	2298356	103.45	79°59'25.07"	20°46'55.4"
57	16/0	14728.82	D+3	395148	2298539	101.73	79°59'33.36"	20°47'1.41"
58	17/0	15091.24	C+3	395247	2298888	102.34	79°59'36.71"	20°47'12.77"
59	17/1	15391.23	A+0	395451	2299108	103.03	79°59'43.72"	20°47'19.97"
60	17/2	15691.23	A+0	395655	2299328	105.16	79°59'50.73"	20°47'27.16"
61	17/3	16011.23	A+0	395873	2299563	107.66	79°59'58.21"	20°47'34.84"
62	17/4	16266.23	A+0	396046	2299750	107.86	80°0'4.16"	20°47'40.95"
63	17/5	16551.23	A+0	396240	2299959	106.32	80°0'10.82"	20°47'47.79"
64	18/0	16768.73	C+0	396388	2300118	103.61	80°0'15.9"	20°47'53"
65	18/1	17043.72	A+0	396518	2300360	101.80	80°0'20.36"	20°48'0.9"
66	18/2	17338.72	A+0	396658	2300620	102.46	80°0'25.15"	20°48'9.38"
67	18/3	17638.72	A+0	396801	2300884	102.58	80°0'30.02"	20°48'17.99"
68	18/4	17943.72	A+0	396945	2301152	102.52	80°0'34.97"	20°48'26.76"
69	18/5	18253.72	A+0	397092	2301425	103.06	80°0'40"	20°48'35.66"
70	18/6	18553.72	A+0	397235	2301689	102.88	80°0'44.86"	20°48'44.28"
71	19/0	18888.74	B+6	397394	2301984	105.67	80°0'50.3"	20°48'53.9"
72	20/0	19210.13	DE+3	397472	2302296	108.16	80°0'52.95"	20°49'4.05"

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SCALE 1:25000

132 KV ARJUNI MORGAON S/STN.

132 KV LAKHANDUR S/STN.

Asstt. Engineer (C)
S & I Sub- Div.
M. S. E. T. C. L., Nagpur

Add: Ex. Engineer (Civil)
S & I Sub- Divn. (Trans.)
M. S. E. T. C. Ltd.
Nagpur.



Executive Engineer
E.H.V. Constn. Div. II
M.S. Elect. Transmission Co. Ltd.
Nagpur.