

**132 KV Grid Substation Division Dhaligaon**

Name of Line: 132 KV Dhaligaon Barnagar Transmission Line

Capacity Of Line: 360Amps(ACSR Panther Conductor)

Line Type: S/C

Charging Date: 1966

CT=600(.75)=450AMP

NAME	TOWER TYPE	SPAN in Mtr	ROUTE LENGTH in Mtrs(FROM DHALIGAON)	ROUTE LENGTH in Mtrs(FROM BARNAGAR)	CROSSINGS
403	C+3	212.87743	212.8774346	41401	
402	A+0	274.2904	487.1678386	41188	
401	A+0	299.3664	786.5342398	40913	
400	A+0	271.41233	1057.946569	40614	
399	A+0	317.50243	1375.448998	40343	
398	A+0	399.05114	1774.500136	40025	
397	C+0	172.78788	1947.288012	39626	
397A	A+3	309.94493	2257.232947	39453	
396	A+0	298.55185	2555.784792	39143	
395	A+0	309.56054	2865.345333	38845	
394	A+0	308.64933	3173.99466	38535	
393	A+3	300.6973	3474.691963	38227	
				37926	Chapaguri Main Road
392	A+3	313.86867	3788.560635	37926	
391	A+0	319.24525	4107.805881	37612	
				37293	RIVER
390	B+0	295.80949	4403.615373	37293	
389	A+0	256.1376	4659.752971	36997	
388	C+0	316.46976	4976.222731	36741	
387	A+0	280.7972	5257.019935	36424	
386	A+0	280.45316	5537.47309	36144	
385	B+3	232.00783	5769.480915	35863	
384	B+6(220KV)	373.53381	6143.014724	35631	Monopole
				35258	NH 31C
383A					Monopole
383	B+6(220KV)	321.08026	6464.094983	35258	
				34936	RIVER
382	A+0	317.50515	6781.600137	34936	
381	B+0	152.93929	6934.539428	34619	
380	C+6(220KV)	353.83615	7288.375574	34466	
				34112	RIVER
379	D+6	482.51137	7770.886942	34112	
				33630	RIVER
378	D+3	319.31016	8090.197099	33630	
				33310	RIVER
377	B+3	362.4921	8452.689195	33310	
				32948	RIVER

376	A+0	271.78349	8724.472688	32948	
375	C+3	377.75676	9102.229448	32676	
				32298	RLY LINE
374	D+0	178.58483	9280.814276	32298	
373A	A+0	286.2107	9567.024975	32120	
373	A+0	282.25971	9849.284684	31834	
372	A+0	281.83476	10131.11944	31551	
371	A+0	300.13407	10431.25351	31269	
370	A+0	294.95373	10726.20725	30969	
369	C+0	277.35462	11003.56187	30674	
368	A+0	305.29556	11308.85743	30397	
367	A+0	293.73966	11602.59709	30092	
366	A+0	299.37716	11901.97426	29798	
365	D+0	305.92829	12207.90254	29499	
364	A+0	253.21118	12461.11372	29193	
363	A+3	361.29448	12822.40821	28939	
362	C+0	223.88706	13046.29527	28578	
361	A+0	149.99552	13196.29079	28354	
360	A+0	338.41721	13534.708	28204	
359	B+0	236.04688	13770.75488	27866	
358	A+3	323.43456	14094.18944	27630	
				27306	AIE RIVER
357	A+3	319.22791	14413.41735	27306	
356	A+0	309.9195	14723.33685	26987	
355	A+0	275.71499	14999.05184	26677	
354	D+3	248.41128	15247.46312	26402	
353	A+0	366.89787	15614.36099	26153	
352	A+3	247.7165	15862.07749	25786	
351	A+0	303.7969	16165.87439	25538	
350	A+0	340.79339	16506.66778	25235	
349	A+0	327.31093	16833.97871	24894	
348	A+0	288.8805	17122.85921	24567	
347	D+0	315.64306	17438.50227	24278	
346	A+0	292.40583	17730.90811	23962	
345	A+0	304.41536	18035.32347	23670	
344	A+3	309.78524	18345.10871	23365	
343	A+0	307.63827	18652.74697	23055	
342	A+0	304.06086	18956.80784	22748	
341	A+3	308.55502	19265.36286	22444	
340	B+6	187.4682	19452.83107	22135	
				21948	NH 31
339	B+6	297.01564	19749.8467	21948	
338	A+0	266.67273	20016.51943	21651	
337	A+0	237.47582	20253.99525	21384	
336	B+3	310.41182	20564.40707	21147	
335	A+3	329.55217	20893.95924	20836	
334	B+0	252.18141	21146.14065	20507	

333	A+0	294.95742	21441.09807	20254	
332	A+0	287.17961	21728.27767	19959	
331	A+0	282.94242	22011.22009	19672	
330	A+0	275.34664	22286.56673	19389	
329	A+0	300.40842	22586.97515	19114	
328	A+0	304.56513	22891.54028	18814	
327	A+0	301.91414	23193.45443	18509	
326	A+0	255.82179	23449.27622	18207	
325	A+0	304.98512	23754.26134	17951	
324	A+0	307.55475	24061.81609	17646	
323	B+0	219.85871	24281.6748	17339	
322	B+6	336.02627	24617.70108	17119	
				16783	MANAS RIVER
321	B+6	315.73482	24933.4359	16783	
320	B+0	287.86331	25221.29921	16467	
319	A+0	302.18655	25523.48577	16179	
318	A+0	277.91465	25801.40041	15877	
317	A+0	284.02215	26085.42257	15599	
316	A+0	272.91549	26358.33805	15315	
315	A+0	279.2799	26637.61795	15042	
314	A+0	250.67962	26888.29757	14763	
313	B+0	282.06199	27170.35956	14512	
312	A+0	302.69414	27473.05369	14230	
311	A+0	311.36287	27784.41656	13928	
310	A+0	305.45582	28089.87239	13616	
309	B+0	307.62403	28397.49642	13311	
308	B+6	249.41819	28646.91461	13003	
				12754	NH 31
307	B+6	292.78563	28939.70024	12754	
306	A+0	305.31942	29245.01965	12461	
305	A+0	308.93215	29553.9518	12156	
304A	A+0	322.36141	29876.31322	11847	
304	C+6	223.22048	30099.5337	11524	
303	D+3	128.41286	30227.94656	11301	
				11173	NH 31
302	B+3	237.09706	30465.04362	11173	
301	A+3	311.86179	30776.90541	10936	
300A	A+0	298.75609	31075.6615	10624	
300	A+0	310.56552	31386.22702	10325	
299	A+0	302.99286	31689.21987	10014	
298	A+0	301.70487	31990.92474	9711	
297	A+0	306.84071	32297.76545	9410	
296	A+0	301.43877	32599.20422	9103	
295	B+0	221.22455	32820.42876	8801	
294	B+0	280.56065	33100.98941	8580	
293	B+6	173.19566	33274.18507	8300	
				8126	NH 31

292	B+6	255.77009	33529.95515	8126	
291	B+0	313.40077	33843.35593	7871	
290	A+0	304.58709	34147.94301	7557	
				7253	POKALAGA/ BHULUKAD OBA RIVER
289	A+3	323.07864	34471.02166	7253	
288	D+0	264.06556	34735.08722	6930	
287	A+0	275.92433	35011.01155	6665	
286	A+0	240.97281	35251.98436	6390	
285A	B+0	263.26583	35515.25019	6149	
285	A+3	235.79539	35751.04559	5885	
284	A+3	256.6881	36007.73369	5650	
283	A+0	317.89558	36325.62927	5393	
282	A+0	292.03201	36617.66128	5075	
281	A+0	287.76638	36905.42766	4783	
280	D+0	304.37583	37209.80349	4495	
279	A+0	254.76821	37464.5717	4191	
278	A+0	352.50114	37817.07284	3936	
277	A+0	303.38783	38120.46067	3583	
276	A+0	292.07902	38412.53969	3280	
275	B+6	230.99563	38643.53532	2988	
				2757	NH 31
274	B+6	102.19197	38745.72729	2757	
273	A+3	324.39994	39070.12723	2655	
272	B+0	286.95494	39357.08217	2330	
271	A+0	271.16581	39628.24798	2043	
270	B+6	291.58517	39919.83315	1772	
				1481	NH 31
269	B+6	342.95179	40262.78494	1481	
268	A+0	312.82373	40575.60867	1138	
267	A+0	317.89013	40893.4988	825	
266	A+0	252.83771	41146.33651	507	
265	A+0	254.23152	41400.56803	254	
264	B+3				

*K. DEKA*  
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Junior Manager  
132 kV Barnagar Grid  
Sub-Station AEGCL, Sorbhog

*R.K. DAS*  
R.K. DAS  
Resident Engineer  
132KV Barnagar Grid Sub-Station  
AEGCL, Sorbhog