

**EXISTING TRANSMISSION LINE AS 27.07.2018**

Sl. No.	Name of transmission line	Voltage level (in kV)	Length In Ckt. Km	Type of conductor	Remarks
1	2	3	4		5
1	LILO of one circuit of 400 kV D/C Pallatana - Silchar - Bongaigaon line at Kukurmara (Mirza) sub-station	400	7.20	ACSR Twin Moose	
<b>A</b>	<b>Total 400 KV TRANS. LINE</b>		<b>7.20</b>		
1	Mariani - Samaguri S/C line (Ckt-I)	220	168.10	ACSR Deer	
2	Mariani - Samaguri S/C line (Ckt-II)	220	169.109	ACSR Zebra	
3	Samaguri - Sarusajai D/C line.	220	259.40	ACSR Zebra	
4	Samaguri - Tezpur D/C line.	220	111.00	ACSR Zebra	
5	BTPS - Agia - Sarusajai D/C line	220	397.00	AAA Zebra	
6	LILO of BTPS - Sarusajai line at Kukurmara S/S	220	2.14	AAA Zebra	
7	LILO of one circuit of 220 kV D/C BTPS - Agia - Sarusajai line at Boko S/S	220	0.85	AAA Zebra	
8	Langpi - Sarusajai D/C line	220	217.40	AAA Zebra	
9	Kathalguri - Tinsukia D/C line	220	49.30	AAA Zebra	
10	Tinsukia - Namrup D/C line	220	79.50	AAA Zebra	
11	LILO of one circuit (ckt-1) of 220 kV D/C Sarusajai - Samaguri line at Jawaharnagar S/S	220	0.80	ACSR Zebra	
12	220 kV S/C Mariani - Namrup line on D/C tower	220	146.055	AAA Zebra	
13	Samaguri to Sonabil D/C line	220	82.0	ACSR Zebra	
14	Sonabil to Balipara D/C line	220	28.0	ACSR Zebra	
15	LILO of one circuit (ckt-2) of 220 kV D/C Sarusajai - Samaguri line at Sonapur S/S	220	13.3	ACSR Zebra	
<b>B</b>	<b>TOTAL 220 KV LINE</b>	-	<b>1723.966</b>		
1	Gauripur - Gossaigaon S/C line	132	62.00	ACSR Panther	
2	Gossaigaon - Dhaligaon S/C line	132	65.00	ACSR Panther	
3	Dhaligaon - BTPS D/C line	132	40.00	ACSR Panther	
4	Dhaligaon - APM (Jogighopa) S/C line	132	37.00		
5	Dhaligaon - B.R.P.L. S/C line	132	0.60	ACSR Panther	
6	Dhaligaon - Rangia S/C line	132	123.40	ACSR Panther	
7	Dhaligaon - Barnagar - Rangia S/C line	132	124.336	ACSR Panther	
8	LILO of Dhaligaon - Rangia S/C line at Nalbari S/S	132	1.00	ACSR Panther	
9	Rangia - Kahilipara D/C line	132	93.20	ACSR Panther	

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1	2	3	4		5
10	LILO of 132 kV 2nd Ckt. Rangia - Kahilipara line at Sishugram sub-stn.	132	3.00	ACSR Panther	
11	Amingaon (Sishugram) - Sipajhat S/C line	132	27.479	ACSR Panther	
12	Rangia - Rowata - Depota S/C line	132	150.00	ACSR Panther	
13	Rangia - Sipajhar - Rowata - Depota S/C line	132	146.739	AAA Panther	
14	Depota -Gohpur - North Lakhimpur D/C line	132	362.84	ACSR Panther	
15	LILO of one circuit of 132 kV D/C Depota - Gohpur line at Balipara S/S	132	26.42	ACSR Panther	
16	LILO of 132 kV D/C Depota - Gohpur line at Sonabil sub-station	132	6.00	ACSR Panther	
17	LILO of one circuit of 132 kV D/C Depota - Gohpur line at Biswanath Charali S/S	132	3.43	ACSR Panther	
18	North Lakhimpur - Dhemaji S/C line	132	63.00	ACSR Panther	
19	North Lakhimpur - Majuli S/C line	132	44.70	ACSR Panther	
20	Margherita - Tinsukia D/C line	132	106.00	ACSR Panther	
21	LILO of one circuit of 132 kV D/C Margherita - Tinsukia line at Rupai sub-station	132	59.29	ACSR Panther	
22	Namrup - Tinsukia - Dibrugarh S/C line	132	91.94	ACSR Panther	
23	Lakwa - Dibrugarh S/C line	132	67.32	ACSR Panther	
24	LILO of 132 kV S/C Lakwa - Dibrugarh line at Moran S/S	132	7.96	ACSR Panther	
25	LILO of 132 kV S/C Lakwa - Dibrugarh line at Bihating S/S	132	0.99	ACSR Panther	
26	Namrup - Lakwa D/C line	132	120.00	ACSR Panther	
27	LILO of 132 kV S/C Lakwa - Namrup line at Sonari S/S	132	8.508	ACSR Panther	
28	Lakwa - Nazira D/C line	132	42.64	ACSR Panther	
29	Lakwa - Mariani S/C line	132	80.00	ACSR Panther	
30	Nazira - Sibsagar S/C line	132	13.335	AAA Panther	
31	Nazira - Jorhat S/C line on D/C tower	132	68.518	AAA Panther	

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1	2	3	4		5
32	Mariani - Jorhat D/C line	132	38.90	ACSR Panther	
33	Mariani - Dimapur (Assam portion) S/C interstate line	132	112.00	ACSR Panther	
34	Mariani - Mokakchang (Assam portion) S/C interstate line	132	18.80	ACSR Panther	
35	Jorhat (Gormur) - Bokakhat S/C line	132	86.197	AAA Panther	
36	LILO of 132 kV S/C Mariani - Dimapur line at Golaghat S/S	132	10.40	ACSR Panther	
37	LILO of 132 kV S/C Mariani - Dimapur line at Bokajan S/S	132	5.46	ACSR Panther	
38	Lanka - Diphu S/C line	132	71.614	AAA Panther	
39	Samagori - Lanka D/C line	132	120.91	ACSR Panther	
40	Samaguri - Nagaon line	132	41.92	AAA Panther	
41	Chandrapur - Jagiroad S/C line	132	34.50	ACSR Panther	
42	Jagiroad - H.P.C.S/C line	132	4.50	ACSR Panther	
43	Kahilipara - Chandrapur D/C line	132	63.00	ACSR Panther	
44	LILO of one circuit Kahilipara - Chandrapur D/C line at Narangi S/S	132	0.20	ACSR Panther	
45	Kahilipara - Sarusajai D/C line (I & II)	132	7.00	ACSR Panther	
26	Sarusajai - Kahilipara D/C line (III & IV)	132	7.86	AAA Panther	
47	Kahilipara - Umtru (Assam portion) D/C interstate line	132	12.60	ACSR Panther	
48	Umium St.IV - Sarusajai (Assam portion) D/C interstate line	132	18.20	ACSR Panther	
49	Panchgram - H.P.C.S/C line	132	1.36	ACSR Panther	
50	Panchgram - Khlehriet (Assam portion) S/C interstate line	132	30.02	ACSR Panther	
51	LILO of 132 kV S/C Panchgram - Pailapool line at Silchar (Srikona) S/S	132	1.30	ACSR Panther	
52	Panchgram - Pailapool S/C line	132	52.60	ACSR Panther	
53	Pailapool - Jiribam (Assam portion) S/C interstate line	132	15.00	ACSR Panther	
54	Panchgram - Durllavcharra S/C line	132	45.30	ACSR Panther	
55	Durllavcharra - Dharmanagar (Assam portion) S/C interstate line	132	26.00	ACSR Panther	

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1	2	3	4		5
56	Salakati - Kokrajhar S/C line on D/C tower	132	10.20	AAA Panther	
57	Kokrajhar Bilasipara S/C line on D/C tower	132	24.20	AAA Panther	
58	Bilasipara - Gauripur S/C line on D/C tower	132	39.50	AAA Panther	
59	Behating to BCPL D/C line	132	13.80	AAA Panther	
60	Agia - Matia S/C line on D/C tower	132	35.00	AAA Panther	
61	Halflong (NEEPCO) - Lower Halflong (AEGCL) S/C line	132	1.20	ACSR Panther	
62	Ghoramari Depota	132	10.00	ACSR Panther	
63	LILO of one circuit Depota - Rowta D/C line at Dhekiajuli S/S	132	2.07	AAAC Panther	
64	Sonapur -Chandrapur CTPS line	132	14.51	AAAC Panther	
<b>C</b>	<b>TOTAL 132 KV LINE</b>		<b>3022.77</b>		-
1	Tinsukia - Doomdooma S/C line	66	25.00	ACSR Wolf	
2	Bokajan - Diphu S/C line on D/C tower	66	39.00	ACSR Wolf	
3	Mariani - Nazira D/C line.	66	108.00	ACSR Wolf	
4	Mariani - Golaghat D/C line.	66	80.00	ACSR Wolf	
5	Golaghat - Bokajan D/C line	66	128.00	ACSR Wolf	
6	Nazira - Namrup D/C line	66	148.00	ACSR Wolf	
7	Namrup - Tinsukia D/C line	66	71.00	ACSR Wolf	
8	Namrup - F.C.I. D/C line	66	6.00	ACSR Wolf	
9	Bokajan-Dimapur (Assam portion) S/C line	66	8.00	ACSR Wolf	
<b>C</b>	<b>TOTAL 66 KV LINE</b>	-	<b>613.00</b>		-
<b>D</b>	<b>GRAND TOTAL OF TRANS. LINE (A+B+C+D)</b>		<b>5366.937</b>		