

2.0 List of Important Transmission Lines

2.1 Tie lines:-

LIST OF IMPORTANT LINES								
SL.NO	TIE-LINE	OWNED BY	CONNECTED SYSTEMS		LENGTH (KM)	COND. (TYPE)	VOLTS (KV)	NO.OF CKTS.
			END-1	END-2				
A) 765 KV LINES								
1	GAYA-VARANASI	POWERGRID	POWERGRID(ER)	POWERGRID(NR)	272	QUAD BERSIMIS	765	D/C
2	GAYA-BALIA	POWERGRID	POWERGRID(ER)	POWERGRID(NR)	237	QUAD BERSIMIS	765	S/C
3	PUSAULI-FA THEHPUR	POWERGRID	POWERGRID(ER)	POWERGRID(NR)	356	QUAD BERSIMIS	765	S/C
4	RANCHI(NEW)-DHARAMJAYGARH	POWERGRID	POWERGRID(ER)	POWERGRID(WR)	303	QUAD BERSIMIS	765	D/C
5	JHARSUGUDA-DHRAMJAYGARH	POWERGRID	POWERGRID(ER)	POWERGRID(WR)	149	HEXA-ZEBRA	765	D/C
B) 400 KV LINES								
6	MUZZFARPUR-GOROKHPUR	POWERLINKS	POWERGRID(ER)	POWERGRID(NR)	261	QUAD-MOOSE	400	D/C
7	PATNA-BALIA	POWERGRID	POWERGRID(ER)	POWERGRID(NR)	195	QUAD-MOOSE	400	Q/C
8	BIHARSHARIFF-BALIA	POWERGRID	POWERGRID(ER)	POWERGRID(NR)	242	QUAD-MOOSE	400	D/C
9	BIHARSHARIFF-VARANASI	POWERGRID	POWERGRID(ER)	POWERGRID(NR)	321	TW.MOOSE	400	D/C
10	BARH-GOROKHPUR	POWERGRID	POWERGRID(ER)	POWERGRID(NR)	353	QUAD-MOOSE	400	D/C
11	SASARAM -SARNATH	POWERGRID	POWERGRID(ER)	POWERGRID(NR)	76	TW.MOOSE	400	S/C
12	SASARAM-NAVINAGAR	POWERGRID	POWERGRID	NTPC	81	TW.MOOSE	400	D/C
13	SASARAM -ALLAHABAD	POWERGRID	POWERGRID(ER)	POWERGRID(NR)	271	TW.MOOSE	400	S/C
14	BINAGURI-BONGAIGAON	POWERGRID	POWERGRID(ER)	POWERGRID(NER)	217	TW.MOOSE	400	D/C
15	BINAGURI-BONGAIGAON	POWERGRID	POWERGRID(ER)	POWERGRID(NER)	220	QUAD-MOOSE	400	D/C
16	BINAGURI-TALA I & II	POWERGRID	POWERGRID	THEP	115*	TW.MOOSE	400	D/C
17	BINAGURI-TALA IV	POWERGRID	POWERGRID	THEP	98*	TW.MOOSE	400	S/C
18	BINAGURI-MALBASE	POWERGRID	POWERGRID	THEP	121*	TW.MOOSE	400	S/C
19	TEESTA-RANGPO	POWERGRID	NHPC	POWERGRID	11	TW.MOOSE	400	D/C
20	IBEUL-RAIGARH	POWERGRID & IBEUL	IBEUL	POWERGRID	91	TW.MOOSE	400	S/C
21	SEL-RAIGARH	POWERGRID & SEL	SEL	POWERGRID(WR)	147	TW.MOOSE	400	S/C
22	JHRASUGUDA-IBEUL	POWERGRID & IBEUL	POWERGRID	IBEUL	64	TW.MOOSE	400	S/C
23	JHRASUGUDA-RAIGARH	POWERGRID	POWERGRID(ER)	POWERGRID(WR)	110	TW.MOOSE	400	S/C
24	ROURKELA-RAIGARH	POWERGRID	POWERGRID(ER)	POWERGRID(WR)	212	TW.MOOSE	400	S/C
25	ROURKELA-SEL	POWERGRID & SEL	POWERGRID	SEL	113	TW.MOOSE	400	S/C
26	RANCHI -SIPAT	POWERGRID	POWERGRID(ER)	POWERGRID(WR)	405	TW.MOOSE	400	D/C
27	BEHRAMPUR-BEHRAMARA	POWERGRID	POWERGRID	BANGLADESH	71*	TW.MOOSE	400	D/C
28	FARAKKA-BEHRAMPUR	POWERGRID	NTPC	POWERGRID	73	TW.MOOSE	400	S/C
29	FARAKKA-SAGARDIGHI	POWERGRID	NTPC	WBPDCL	67	TW.MOOSE	400	S/C
30	FARAKKA - MALDA	POWERGRID	NTPC	POWERGRID	40	HTLS	400	D/C
31	FARAKKA - PARULIA	POWERGRID	NTPC	POWERGRID	150	TW.MOOSE	400	S/C
32	KAHALGAON -BANKA	POWERGRID	NTPC	POWERGRID	48	TW.MOOSE	400	D/C
33	MAITHON - KAHALGAON	POWERGRID	POWERGRID	NTPC	172	TW.MOOSE	400	D/C
34	SAGARDIGHI-BEHRAMPUR	POWERGRID	WBPDCL	POWERGRID	26	(HTLS)	400	D/C
35	SAGARDIGHI-SUBHASGRAM	POWERGRID	WBPDCL	POWERGRID	246	TW.MOOSE	400	S/C
36	SAGARDIGHI-PARULIA	WBSETCL	WBPDCL	POWERGRID(ER)	171	TW.MOOSE	400	D/C
37	BEHRAMPUR-JERAT	POWERGRID	POWERGRID	WBSETCL	200	TW.MOOSE	400	S/C
38	JEERAT-SUBHASGRAM	POWERGRID	WBSETCL	POWERGRID	80	TW.MOOSE	400	S/C
39	SUBHASGRAM(PG)-HALDIA	HEL	POWERGRID	HEL	90	TW.MOOSE	400	D/C
40	PARULIA-BIDHANAGAR	WBSETCL	POWERGRID	WBSETCL	11	TW.MOOSE	400	D/C
41	KHARAGPUR-BARIPADA	WBSETCL & OPTCL	WBSETCL	POWERGRID(ER)	98	TW.MOOSE	400	S/C
42	JAMSHEDPUR-MEJIA-B	POWERGRID	POWERGRID	DVC	168	TW.MOOSE	400	S/C
43	MAITHON - MEJIA B	POWERGRID	POWERGRID	DVC	84	TW.MOOSE	400	D/C
44	MAITHON - MEJIA B	POWERGRID	POWERGRID	DVC	97	TW.MOOSE	400	S/C
45	DSTPS - JAMSHEDPUR	POWERGRID	DVC	POWERGRID	156	TW.MOOSE	400	D/C
46	KODERMA-BIHARSARIFF	POWERGRID	DVC	POWERGRID	111	QUAD-MOOSE	400	D/C
47	GAYA-KODERMA	POWERGRID	POWERGRID	DVC	82	QUAD-MOOSE	400	D/C
48	MAITHON-MAITHON RIGHT BANK	POWERGRID	POWERGRID	MPL	31	TW.MOOSE	400	D/C
49	RANCHI-MAITHON RIGHT BANK	POWERGRID	POWERGRID	MPL	188	TW.MOOSE	400	D/C
50	RANCHI-RAGUNA THPUR	POWERGRID	POWERGRID	DVC	169.17	TW.MOOSE	400	S/C
51	RAGUNA THPUR-MAITHON	POWERGRID	DVC	POWERGRID	52.9	TW.MOOSE	400	S/C
52	JAMSEDPUR-AHUNIK	APNRL	POWERGRID	APNRL	0.3	QUAD-MOOSE	400	D/C
53	JAMSHEDPUR-TISCO	POWERGRID	DVC	POWERGRID	39	TW.MOOSE	400	S/C
54	BARIPADA-TISCO	POWERGRID	POWERGRID	DVC	116	TW.MOOSE	400	S/C
55	JEYPORE-GAZUWAKA	POWERGRID	POWERGRID(ER)	POWERGRID(SR)	220	TW.MOOSE	400	D/C
56	ANGUL-MERAMANDALI-I	POWERGRID	POWERGRID	OPTCL	25	TW.MOOSE	400	S/C
57	ANGUL-MERAMANDALI-II	POWERGRID	POWERGRID	OPTCL	18	TW.MOOSE	400	S/C
58	SEL- MEERAMANDALI	POWERLINKS	SEL	OPTCL	220	TW.MOOSE	400	D/C
59	INDRAVATI-INDRAVATI	OPTCL	POWERGRID(ER)	OPTCL	3	TW.MOOSE	400	S/C
60	TSTPP-MERAMUNDALI	POWERGRID	NTPC	OPTCL	51	TW.MOOSE	400	S/C
61	GMR-MERAMUNDALI	GMR	GMR	OPTCL	8	TW.MOOSE	400	S/C
62	MEERAMUNDALI- NEW DUBURI	POWERGRID	OPTCL	POWERGRID	90	TW.MOOSE	400	D/C
63	BARIPADA-MENDASAL	OPTCL	POWERGRID(ER)	OPTCL	273	TW.MOOSE	400	S/C
64	BARIPADA-NEW DUBURI	POWERGRID	POWERGRID(ER)	OPTCL	190	TW.MOOSE	400	S/C
65	MENDHASAL-NEW DUBURI	OPTCL	POWERGRID(ER)	OPTCL	115	TW.MOOSE	400	S/C
66	JITPL-ANGUL	JINDAL	JINDAL	POWERGRID	85	TW.MOOSE	400	D/C
67	TSTPP - RENGALI	POWERGRID	NTPC	POWERGRID	24	TW.MOOSE	400	D/C

Tie Lines (Cont....)

C) 220 KV LINES								
68	PATNA-SIPARA	BSPHCL	POWEGRID	BSPHCL	0.5	ZEBRA	220	D/C
69	DEHRI-PUSUALI	BSPHCL	BSPHCL	POWERGRID	64	ZEBRA	220	S/C
70	PUSUALI-SAHUPURI	BSPHCL & UPPCL	POWERGRID	UPPCL	72	ZEBRA	220	S/C
71	ARRAH-KHAGAL	POWERGRID	POWERGRID	BSPHCL	50	ZEBRA	220	D/C
72	PATNA-KHAGUAL	BSPHCL	POWERGRID	BSPHCL	25	ZEBRA	220	S/C
73	SASARAM- NEW SASARAM	POWERGRID	POWERGRID	BSPHCL	0.2	ZEBRA	220	S/C
74	NEW SASARAM- ARRAH	POWERGRID	BSPHCL	POWERGRID	112	ZEBRA	220	S/C
75	BODHGAYA -GAYA(PG)	BSPHCL & PG	BSPHCL	POWERGRID	96	ZEBRA	220	D/C
76	DEHRI-GAYA(PG)	BSPHCL & PG	BSPHCL	POWERGRID	16	ZEBRA	220	D/C
77	MUZZAFARPUR-KANTI	POWERLINKS	POWERGRID	BSPHCL	22	ZEBRA	220	D/C
78	MUZZAFFARPUR-HAZIPUR-I & II	BSPTCL	POWERGRID	BSPTCL	56	ZEBRA	220	D/C
79	N.PURNEA - MADHEPURA	POWERGRID	POWERGRID	BSPTCL	100	ZEBRA	220	D/C
80	N.PURNEA - PURNEA	POWERGRID	POWERGRID	BSPTCL	2	ZEBRA	220	D/C
81	BALIMELA-U.SILLERU	OPTCL & APTRANSCO	OPTCL	APTRANSCO	24	ZEBRA	220	S/C
82	JINDAL-JAMSHEDPUR	OPTCL & DVC	OPTCL	DVC	130	ZEBRA	220	S/C
83	JODA-RAMCHANDRAPUR	OPTCL & JUSNL	OPTCL	JUSNL	127	ZEBRA	220	S/C
84	BUDHIPADAR-KORBA II & III	OPTCL & CSEB	OPTCL	CHATTISGARH	180	ZEBRA	220	D/C
85	BUDHIPADAR-RAIGARH I	POWERGRID	OPTCL	CHATTISGARH	81	ZEBRA	220	S/C
86	TSTPP-MERAMUNDALI	OPTCL	NTPC	OPTCL	40	ZEBRA	220	D/C
87	TSTPP-RENGALI HPS	OPTCL	NTPC	OPTCL	40	ZEBRA	220	S/C
88	BISRA(PG)-TARKERA(OPTCL)	OPTCL	POWERGRID	OPTCL	15	MOOSE	220	D/C
89	JEYPORE(PG)-JAYNAGAR(OPTCL)	OPTCL	POWERGRID	OPTCL	6	ZEBRA	220	D/C
90	TSTPP-TALCHER	OPTCL	NTPC	OPTCL	30	ZEBRA	220	S/C
91	FARAKKA-LALMATIA	ECL	NTPC	NTPC	79	ZEBRA	220	S/C
92	RENGALI-RENGALI	OPTCL	POWERGRID	OPTCL	1	ZEBRA	220	D/C
93	BARIPADA-BALASORE	OPTCL	POWERGRID	OPTCL	77	ZEBRA	220	D/C
94	MAITHON(PG)-K'SWARI(DVC)	DVC	POWERGRID	DVC	7	ZEBRA	220	D/C
95	MAITHON- DUMKA	POWERGRID	POWERGRID	JUSNL	73	ZEBRA	220	D/C
96	CHANDIL-SANTALDIH	WBSETCL & JUSNL	JUSNL	WBSETCL	105	ZEBRA	220	S/C
97	RANCHI-HATIA	JUSNL	POWERGRID	JUSNL	34	ZEBRA	220	D/C
98	CHANDIL-RANCHI	JUSNL	JUSNL	POWERGRID	42	ZEBRA	220	S/C
99	TENUGHAT-BIHARSHARIF	BSPHCL & JUSNL	JUSNL	BSPHCL	182	TW.MOOSE	220	S/C
100	JAMSHEDPUR-RAMCHANDRAPUR	-POWERGRID	POWERGRID	JUSNL	0.5	ZEBRA	220	D/C
101	MAITHON(PG)-DHANBAD(DVC)	DVC	POWERGRID	DVC	28	ZEBRA	220	D/C
102	PARULIA(PG)-PARULIA(DVC)	DVC	POWERGRID	DVC	1	ZEBRA	220	D/C
103	WARIA-BIDHANNAGAR	DVC & WBSETCL	DVC	WBSETCL	17	ZEBRA	220	D/C
104	DHALKHOLA(PG)-DHALKHOLA(WB)	POWERGRID	POWERGRID	WBSETCL	3	ZEBRA & CABLE	220	S/C
105	EM-SUBHASGRAM I & II	CESC	CESC	POWERGRID	24	ZEBRA	220	D/C
106	SUBH'GRM(PG) - NEWTOWN	WBSETCL	POWERGRID	WBSETCL	26	ZEBRA	220	S/C
107	SUBH'GRM(PG) - SUBH'GRM (WB)	WBSETCL	POWERGRID	WBSETCL	0.5	MOOSE	220	D/C
108	SUBH'GRM(PG) - EMSS(CESC)	CESC	POWERGRID	CESC	23.2	MOOSE	220	D/C
109	SUBH'GRM(PG) - BANTALA	WBSETCL	POWERGRID	WBSETCL	19	ZEBRA	220	S/C
110	BINAGURI-NJP	POWERGRID	POWERGRID	WBSETCL	0.2	ZEBRA	220	S/C
111	NJP- KISHANGANJ	POWERGRID	WBSETCL	POWERGRID	108	ZEBRA	220	D/C
112	BIRPARA - CHUKHA	POWERGRID	POWERGRID	POWERGRID	38	ZEBRA	220	D/C
113	BIRPARA-MALBASE	POWERGRID	POWERGRID	POWERGRID	40	ZEBRA	220	S/C
114	BIRPARA-SALAKATI	POWERGRID	POWERGRID(ER)	POWERGRID(NER)	160	ZEBRA	220	D/C
115	RANGPO- JLHEP	DANS	POWERGRID	DANS	10	ZEBRA	220	S/C
116	NEW MELLI- JLHEP	DANS	POWERGRID	DANS	21	ZEBRA	220	S/C
C) 132 KV LINES								
117	MUZZAFARPUR- DHALKEBAR	POWERGRID	POWERGRID	NEPAL	129	ZEBRA	132	S/C
118	BARHI - B'SHARIF	BSPHCL & DVC	DVC	BSPHCL	170	LARK	132	S/C
119	BARHI-RAJGIR	BSPHCL & DVC	DVC	BSPHCL	125	LARK	132	S/C
120	DEOGHAR-SULTANGANJ	BSPTCL & JUSNL	JUSNL	BSPHCL	93	PANTHER	132	S/C
121	KAHALGAON-KAHALGAON	POWERGRID	BSPHCL	NTPC	2	PANTHER	132	S/C
122	ARRAH-ARRAH	POWERGRID	BSPHCL	POWERGRID	3	PANTHER	132	S/C
123	DUMRAON-ARRAH	POWERGRID	BSPHCL	POWERGRID	61	PANTHER	132	S/C
124	PURNEA(PG)-PURNEA(BS)	BSPHCL	BSPHCL	POWERGRID	1	LARK	132	T/C
125	PURNEA(PG)-KISANGANJ	BSPHCL	BSPHCL	POWERGRID	70	PANTHER	132	S/C
126	DEHRI-PUSUALI	POWERGRID	BSPHCL	POWERGRID	63	PANTHER	132	S/C
127	KARMANASA--PUSUALI	POWERGRID	BSPHCL	POWERGRID	29	PANTHER	132	S/C
128	KARMANASA-SAHUPURI	BSPHCL & UPPCL	BSPHCL	UPPCL	27	PANTHER	132	S/C
129	KARMANASA-CHANDAULI	BSPHCL & UPPCL	BSPHCL	UPPCL	25	PANTHER	132	S/C
130	SONENAGAR - RIHAND	BSPHCL & UPPCL	BSPHCL	UPPCL	139	PANTHER	132	S/C
131	MAITHON-JAMTARA	DVC & JUSNL	DVC	JUSNL	100	PANTHER	132	S/C
132	KHARAGPUR-KHARAGPUR	DVC	DVC	WBSETCL	1	PANTHER	132	S/C
133	KOLAGHAT-KOLAGHAT	DVC	DVC	WBSETCL	1	PANTHER	132	S/C
134	MACHKUND-VIZAG	OPTCL & APTRANSCO	OPTCL	APTRANSCO	160	LARK	132	S/C
135	JODA-KENDPOSI	OPTCL & JUSNL	OPTCL	JUSNL	48	PANTHER	132	S/C
136	BARIPADA-RAIRANGPUR	OPTCL	POWERGRID	OPTCL	70	PANTHER	132	S/C
137	BARIPADA-BARIPADA	OPTCL	POWERGRID	OPTCL	11	PANTHER	132	S/C
138	GARWA-SONENAGAR	BSPHCL & JUSNL	JUSNL	BSPHCL	104	PANTHER	132	S/C
139	LALMATIA-SABOUR	BSPHCL & JUSNL	JUSNL	BSPHCL	72	PANTHER	132	S/C
140	CHANDIL-MANIQUE	JUSNL & DVC	JUSNL	DVC	1	PANTHER	132	D/C

Tie Lines (Cont....)

141	PATRATU-PATRATU	JUSNL & DVC	JUSNL	DVC	3	LARK	132	S/C
142	GARWA-RIHAND	JUSNL & UPPCL	JUSNL	UPPCL	30	PANTHER	132	S/C
143	RANGIT-RAMMAM	POWERGRID	NHPC	WBSETCL	27	PANTHER	132	S/C
144	KAHALGAON-SABOUR	POWERGRID	NTPC	BSPHCL	37	PANTHER	132	S/C
145	KAHALGAON-LALMATIA	POWERGRID	NTPC	JUSNL	34	PANTHER	132	S/C
146	BIRPARA-BIRPARA	WBSETCL	POWERGRID	WBSETCL	1	PANTHER	132	D/C
147	MALDA-MALDA	WBSETCL	POWERGRID	WBSETCL	6	PANTHER	132	D/C
148	NJP-NBU	WBSETCL	POWERGRID	WBSETCL	8	PANTHER	132	D/C
149	RANGIT - MELLI	SIKKIM	NHPC	SIKKIM	32.5	PANTHER	132	D/C
150	ARHA-JAGDISHPUR	BSPHCL	POWERGRID	BSPHCL	30	PANTHER	132	S/C
151	RANGIT-RANGPO	POWERGRID	NHPC	POWERGRID	54	PANTHER	132	S/C
152	RANGIT-KURSEONG	POWERGRID	NHPC	WBSETCL	61	PANTHER	132	S/C
153	RANGIT-SAGBARI	SIKKIM	NHPC	SIKKIM	25	PANTHER	132	S/C
154	CHUJACHEN-MELLI	POWERGRID & GATI	CHUJACHEN	SIKKIM	66.3	PANTHER+ ZEBRA	132	S/C
155	BANKA-SABOUR	BSPTCL	POWERGRID	BSPTCL	45	PANTHER	132	S/C
156	BANKA-BANKA	BSPTCL	POWERGRID	BSPTCL	11	PANTHER	132	S/C
157	RANGPO-CHUJACHEN	GATI INFRA	POWERGRID	GATI INFRA	20	ZEBRA	132	S/C
158	NJP-MELLI	POWERGRID	POWERGRID	SIKKIM	90	PANTHER	132	S/C
159	RANGPO- MELLI	POWERGRID	POWERGRID	CHUJACHEN	17	PANTHER	132	S/C
160	NJP-MELLI	POWERGRID	POWERGRID	SIKKIM	90	PANTHER	132	S/C
161	LAKHISARAI - JAMAUI	BSPHCL	POWERGRID	BSPHCL	25	PANTHER	132	D/C
162	RANGIT - RABANGLA	POWERGRID	NHPC	SIKKIM	25	LARK	66	S/C
163	KALINGPONG-MELLI	WBSETCL & SIKKIM	WBSETCL	SIKKIM	15	DOG	66	D/C

2.2 Other Important lines:-

OTHER IMPORTANT LINES								
S.NO	LINE	OWNED BY	CONNECTED SYSTEMS		LENGTH (KM)	COND. (TYPE)	VOLTS (KV)	NO.OF CKTS.
			END-1	END-2				
A) 765 KV LINES								
1	ANGUL-JHARSUGUDA	POWERGRID	POWERGRID	POWERGRID	272	Qd. BERSIMIS	765	D/C
B) 400 KV LINES								
2	BANKA-BIHARSARIEFF	POWERGRID	POWERGRID	POWERGRID	184	TW. MOOSE	400	D/C
3	LAKHISARAI-BIHARSARIEFF	POWERGRID	POWERGRID	POWERGRID	89	TW. MOOSE	400	D/C
4	KAHALGAON -LAKHISARAI	POWERGRID	NTPC	POWERGRID	145	TW. MOOSE	400	D/C
5	BIHARSHARIEFF-PURNEA	ENICL	POWERGRID	POWERGRID	231	QD. MOOSE	400	D/C
6	MAITHON-GAYA	POWERGRID	POWERGRID	POWERGRID	277	Qd. BERSIMIS	400	D/C
7	KAHALGAON -BARH	POWERGRID	NTPC	NTPC	217	QUAD-MOOSE	400	D/C
8	BARH -PATNA	POWERGRID	NTPC	POWERGRID	94	QUAD-MOOSE	400	Q/C
9	PATNA - KISHANGANJ	POWERGRID	POWERGRID	POWERGRID	196	QUAD-MOOSE	400	D/C
10	PURNEA - BINAGURI I & II	POWERGRID	POWERGRID	POWERGRID	168	QUAD-MOOSE	400	D/C
11	PURNEA-KISHANGANJ	POWERGRID	POWERGRID	POWERGRID	71	QUAD-MOOSE	400	D/C
12	BINAGURI-KISHANGANJ	POWERGRID	POWERGRID	POWERGRID	98	QUAD-MOOSE	400	D/C
13	PURNEA - MUZAFFARPUR	POWERLINKS	POWERGRID	POWERGRID	240	QUAD-MOOSE	400	D/C
14	BIHARSHARIEFF-MUZAFFARPUR	POWERGRID	POWERGRID	POWERGRID	130	TW. MOOSE	400	D/C
15	BIHARSHARIEFF- PUSAULI	POWERGRID	POWERGRID	POWERGRID	195	TW. MOOSE	400	D/C
16	FARAKKA - KAHALGAON I & II	POWERGRID	NTPC	NTPC	95	TW. MOOSE	400	D/C
17	FARAKKA-KAHALGAON III & IV	POWERGRID	NTPC	NTPC	95	TW. MOOSE	400	D/C
18	BOKARO-KODERMA	DVC	DVC	DVC	99	TW. MOOSE	400	D/C
19	MALDA - PURNEA	POWERGRID	POWERGRID	POWERGRID	167	TW. MOOSE	400	D/C
20	MERAMUNDALI - MENDASAL	OPTCL	OPTCL	OPTCL	99	TW. MOOSE	400	S/C
21	RENGALI-KEONJHAR	OPTCL	POWERGRID	OPTCL	100	TW. MOOSE	400	S/C
22	KEONJHAR- BARIPADA	OPTCL	POWERGRID	POWERGRID	156	TW. MOOSE	400	S/C
23	JEYPORE - INDRAVATI	POWERGRID	POWERGRID	POWERGRID	72	TW. MOOSE	400	S/C
24	INDRAVATI - RENGALI	POWERGRID	POWERGRID	POWERGRID	356	TW. MOOSE	400	S/C
25	TSTPP - ROURKELA	POWERGRID	NTPC	POWERGRID	171	TW. MOOSE	400	D/C
26	ROURKELA - JHARSIGUDA	POWERGRID	POWERGRID	POWERGRID	143	TW. MOOSE	400	D/C
27	JAMSHEDPUR - CHAIBASA	POWERGRID	POWERGRID	POWERGRID	82	TW. MOOSE	400	D/C
28	CHAIBASA - ROURKELA	POWERGRID	POWERGRID	POWERGRID	120	TW. MOOSE	400	D/C
29	KTPS - JEERAT	WBSETCL	WBPDCL	WBSETCL	130	TW. MOOSE	400	S/C
30	BAKRESWAR - JEERAT	WBSETCL	WBPDCL	WBSETCL	162	TW. MOOSE	400	S/C
31	BAKRESWAR - ARAMBAGH	WBSETCL	WBPDCL	WBSETCL	130	TW. MOOSE	400	S/C
32	PPSP - ARAMBAGH	WBSEDCL	WBPDCL	WBSETCL	210	TW. MOOSE	400	D/C
33	PPSP - BIDHANAGAR	WBSEDCL	WBPDCL	WBSETCL	185	TW. MOOSE	400	D/C
34	KTPS - ARAMBAGH	WBSETCL	WBPDCL	WBSETCL	75	TW. MOOSE	400	S/C
35	KTPS-KHARGPUR	WBSETCL	WBPDCL	WBSETCL	80	TW. MOOSE	400	S/C
36	KTPS-KHARGPUR	WBSETCL	WBPDCL	WBSETCL	98	TW. MOOSE	400	S/C
37	PARULLA - JAMSHEDPUR	POWERGRID	POWERGRID	POWERGRID	177	TW. MOOSE	400	S/C
38	MAITHON - JAMSHEDPUR	POWERGRID	POWERGRID	POWERGRID	153	TW. MOOSE	400	S/C
39	MAITHON - RANCHI	POWERGRID	POWERGRID	POWERGRID	200	TW. MOOSE	400	D/C
40	DSTPS-RAGHUNA THPUR I & II	DVC	DVC	DVC	72.5	TW. MOOSE	400	D/C
41	JAMSHEDPUR-BARIPADA	POWERGRID	POWERGRID	POWERGRID	141	TW. MOOSE	400	S/C
42	RANCHI-RANCHI NEW	POWERGRID	POWERGRID	POWERGRID	77	QUAD-MOOSE	400	Q/C
43	RANCHI-ROURKELA-I&II	POWERGRID	POWERGRID	POWERGRID	143	TW. MOOSE	400	D/C
44	BINAGURI-RANGPO	POWERGRID	POWERGRID	POWERGRID	110	TW.MOOSE	400	D/C

Other Important lines (Cont...)

C) 220 KV LINES								
45	BIHARSHARIFF-FATUAH	BSPHCL	BSPHCL	BSPHCL	40	ZEBRA	220	D/C
46	BIHARSHARIFF-BODHAGYA	BSPHCL	BSPHCL	BSPHCL	85	ZEBRA	220	D/C
47	BIHARSHARIFF-BEGUSARAI	BSPHCL	BSPHCL	BSPHCL	75	ZEBRA	220	D/C
48	MTPS-BEGUSARAI	BSPHCL	BSPHCL	BSPHCL	152	ZEBRA	220	D/C
49	MTPS-DARBHANGA	BSPHCL	BSPHCL	BSPHCL	68	ZEBRA	220	D/C
50	MTPS-GOPALGANJ	BSPHCL	BSPHCL	BSPHCL	101	ZEBRA	220	S/C
51	SASARAM-ARRAH	POWERGRID	POWERGRID	POWERGRID	112	ZEBRA	220	S/C
52	FATUAH-MTPS	BSPHCL	BSPHCL	BSPHCL	92	ZEBRA	220	S/C
53	WARIA-PARULLA	DVC	DVC	DVC	21	ZEBRA	220	D/C
54	WARIA-MEJIA	DVC	DVC	DVC	34	ZEBRA	220	D/C
55	CTPS A-DHANBAD	DVC	DVC	DVC	63	ZEBRA	220	S/C
56	CTPS B-DHANBAD	DVC	DVC	DVC	63	ZEBRA	220	S/C
57	DHANBAD-GIRIDIH	DVC	DVC	DVC	44	ZEBRA	220	D/C
58	BOKARO-JAMSHEDPUR	DVC	DVC	DVC	150	ZEBRA	220	D/C
59	KASBA-EMBYPASS	CESC	WBSETCL	CESC	1	SINGLE CORE XLPE	220	S/C
60	KASBA-SUBHASGRAM(WB)	WBSETCL	WBSETCL	WBSETCL	20	ZEBRA	220	D/C
61	BOKARO-CTPS	DVC	DVC	DVC	41	ZEBRA	220	S/C
62	BOKARO-CTPS B	DVC	DVC	DVC	42	ZEBRA	220	D/C
63	KALYANESHWARI-MEJIA	DVC	DVC	DVC	55	ZEBRA	220	T/C
64	KALYANESHWARI-BURNPUR	DVC	DVC	DVC	18	ZEBRA	220	S/C
65	BURNPUR-MEJIA	DVC	DVC	DVC	70	ZEBRA	220	S/C
66	MEJIA-MUCHIPARA	DVC	DVC	DVC	31	ZEBRA	220	D/C
67	MEJIA-BARJORA	DVC	DVC	DVC	16	ZEBRA	220	D/C
68	PARULLA-MUCHIPARA	DVC	DVC	DVC	16	ZEBRA	220	D/C
69	BOKARO-RAMGARH	DVC	DVC	DVC	55	ZEBRA	220	D/C
70	PTPS -TENUGHAT	JUSNL	JUSNL	TVNL	53	TW. MOOSE	220	S/C
71	PATRATU-HATIA	JUSNL	JUSNL	JUSNL	51	ZEBRA	220	D/C
72	CHANDIL-RAMCHANDRAPUR	JUSNL	JUSNL	JUSNL	30	ZEBRA	220	S/C
73	JEYANAGAR-U.KOLAB	OPTCL	OPTCL	OHPC	6	ZEBRA	220	D/C
74	MERAMUNDALI-NALCO	OPTCL	NTPC	NALCO	10	ZEBRA	220	D/C
75	MERAMUNDALI - BIDANASI	OPTCL	OPTCL	OPTCL	90	TW. MOOSE	220	D/C
76	MERAMUNDALI - DUBURI(OLD)	OPTCL	OPTCL	OPTCL	95	ZEBRA	220	D/C
77	KATAPALLI-BUDHIPADAR	OPTCL	OPTCL	OPTCL	61	ZEBRA	220	D/C
78	IBTPS - BUDHIPADAR	OPTCL	OPGC	OPTCL	25	ZEBRA	220	Q/C
79	TARKERA-BUDHIPADAR	OPTCL	OPTCL	OPTCL	120	ZEBRA	220	D/C
80	TARKERA-CHANDIPOSH	OPTCL	OPTCL	OPTCL	30	ZEBRA	220	S/C
81	TARKERA-BARKOT	OPTCL	OPTCL	OPTCL	101	ZEBRA	220	S/C
82	RENGALI-CHANDIPOSH	OPTCL	OPTCL	OPTCL	102	ZEBRA	220	S/C
83	RENGALI-BARKOT	OPTCL	OPTCL	OPTCL	34	ZEBRA	220	S/C
84	U. KOLAB-THERUVALI	OPTCL	OHPC	OPTCL	136	ZEBRA	220	S/C
85	U. KOLAB-JAYANAGAR	OPTCL	OHPC	OPTCL	6	ZEBRA	220	D/C
86	BALIMELA-JEYNAGAR	OPTCL	OHPC	OPTCL	93	ZEBRA	220	T/C
87	TALCHER-MERAMUNDALI	OPTCL	NTPC	OPTCL	20	ZEBRA	220	S/C
88	MERAMUNDALI - BHANJNAGAR	OPTCL	OPTCL	OPTCL	134	ZEBRA	220	D/C
89	MENDHASAL - BHANJNAGAR	OPTCL	OPTCL	OPTCL	135	ZEBRA	220	S/C
90	MENDHASAL - NAYAGARH	OPTCL	OPTCL	OPTCL	65	ZEBRA	220	S/C
91	NAYAGARH - BHANJNAGAR	OPTCL	OPTCL	OPTCL	68.7	ZEBRA	220	S/C
92	THERUVALI - BHANJNAGAR	OPTCL	OPTCL	OPTCL	176	ZEBRA	220	D/C
93	THERUVALI - LAXMIPUR	OPTCL	OPTCL	OPTCL	64	ZEBRA	220	D/C
94	THERUVALI - NARENDRAPUR	OPTCL	OPTCL	OPTCL	196	ZEBRA	220	D/C
95	MENDHASAL - NARENDRAPUR	OPTCL	OPTCL	OPTCL	174	ZEBRA	220	S/C
96	MENDHASAL - CHANDAKA	OPTCL	OPTCL	OPTCL	20	ZEBRA	220	Q/C
97	JAYANAGAR - LAXMIPUR	OPTCL	OPTCL	OPTCL	81	ZEBRA	220	D/C
98	UIHEP-THERUVALI	OPTCL	OHPC	OPTCL	90	ZEBRA	220	Q/C
99	KTPS-HOWRAH	WBSETCL	WBPDC	WBSETCL	71	ZEBRA	220	D/C
100	BISHNUPUR-SANTALDIH	WBSETCL	WBSETCL	WBPDC	92	ZEBRA	220	D/C
101	SANTALDIH-BIDHANNA GR	WBSETCL	WBPDC	WBSETCL	100	ZEBRA	220	S/C
102	BIDHANNA GAR-DPL	WBSETCL	WBSETCL	DPL	5	ZEBRA	220	D/C
103	BIDHANNA GAR-BAKRESWAR	WBSETCL	WBSETCL	WBPDC	47	ZEBRA	220	D/C
104	SATGACHIA-BAKRESWAR	WBSETCL	WBSETCL	WBPDC	140	ZEBRA	220	D/C
105	KHARAGPUR- MIDNAPORE I&II	WBSETCL	WBSETCL	WBSETCL	46	ZEBRA	220	D/C
106	ARAMBAGH- MIDNAPORE	WBSETCL	WBSETCL	WBSETCL	71	ZEBRA	220	D/C
107	ARAMBAGH-N.BISHNUPUR	WBSETCL	WBSETCL	WBSETCL	55	ZEBRA	220	D/C
108	ARAMBAGH- DOMJUR	WBSETCL	WBSETCL	WBSETCL	57	ZEBRA	220	D/C
109	ARAMBAGH- RISHRA	WBSETCL	WBPDC	WBSETCL	73	ZEBRA	220	S/C
110	JEERAT-NEWTOWN	WBSETCL	WBSETCL	WBSETCL	80	ZEBRA	220	D/C
111	JEERAT-SATGACHIA	WBSETCL	WBPDC	WBSETCL	79	ZEBRA	220	D/C
112	SATGACHIA-KRISHNANAGAR	WBSETCL	WBPDC	WBSETCL	53	ZEBRA	220	D/C
113	BAKRESWAR-GOKARNO	WBSETCL	WBPDC	WBSETCL	82	ZEBRA	220	D/C
114	GOKARNO-SAGARDIGHI	WBSETCL	WBSETCL	WBPDC	39	ZEBRA	220	D/C
115	GOKARNO-KRISHNANAGAR	WBSETCL	WBSETCL	WBPDC	105	ZEBRA	220	D/C
116	SUBHASGRAM (WB)- LAKHIKANTPUR	WBSETCL	WBSETCL	WBSETCL	50	ZEBRA	220	D/C
117	DALKHOLA-PURNEA	POWERGRID	WBSETCL	WBSETCL	41	ZEBRA	220	D/C
118	BIRPARA-BINAGURI	POWERGRID	POWERGRID	POWERGRID	80	ZEBRA	220	D/C
119	JEERAT-KASBA	WBSETCL	WBPDC	WBSETCL	59	ZEBRA	220	D/C
120	JEERAT- DHARAMPUR	WBSETCL	WBPDC	WBSETCL	30	ZEBRA	220	D/C
121	DHARAMPUR- RISHRA	WBSETCL	WBPDC	WBSETCL	25	ZEBRA	220	D/C
122	DALKHOLA-KISHANGANJ	POWERGRID	POWERGRID	POWERGRID	30	ZEBRA	220	D/C
123	DALKHOLA-MALDA	POWERGRID	POWERGRID	POWERGRID	116	ZEBRA	220	D/C
124	RANGPOO- NEW MELLI	POWERGRID	POWERGRID	POWERGRID	20	ZEBRA	220	S/C