

220 kV Transmission Lines in BSPTCL

Date-31.03.2022

Sl. No	Name of Line	Circuit	Route Length (in km)	Total Length (in km)	Conductor type and characteristics
1	220KV Biharsarif (PG) - Biharsarif	Quadruple	1.67	6.68	Twin ACSR Moose
2	220KV Biharsarif - Khizisarai(BGCL)	Double	33.85	67.70	Single ACSR Zebra
3	220KV Khizisarai(BGCL) - Bodhgaya	Double	46.69	93.38	Single ACSR Zebra
4	220KV Biharsarif - Fathua	Double	47.00	94.00	Single ACSR Zebra
5	220KV Gaya (PG) - Bodhgaya	Double	17.00	34.00	Single ACSR Zebra
6	220KV Gaya (PG) - Dehri	Double	81.95	163.90	Single ACSR Zebra
7	220KV Pusauli(PG) - Dehri	Single	60.00	60.00	Single ACSR Zebra
8	220KV Pusauli (PG) - Karmnasa New	Single	29.00	29.00	Single ACSR Zebra , LILO portion is on Moose conductor
9	220KV Karmnasa New-Sahupuri	Single	9.00	9.00	Single ACSR Zebra , LILO portion is on Moose conductor
10	220KV Patna(PG)-Sipara(Line 1&2)	Double	0.45	0.90	Single ACSR Zebra
11	220KV Patna (PG) - Fatuha	Single	30.00	30.00	Single ACSR Zebra
12	220 KV Sipara - Fatuha	Single	29.00	29.00	Single ACSR Zebra
13	220 KV Patna (PG) - Khagaul	Single	30.00	30.00	Single ACSR Zebra
14	220KV Sipara - Khagaul	Single	39.00	39.00	Single ACSR Zebra
15	220KV Sipara-Bihata	Double	41.60	83.20	Single ACSR Zebra
16	220KV Biharsarif - TTPS	Single	73.00	73.00	Twin ACSR Moose
17	220KV Gaya (PG)-Bodhgaya	Double	0.00	0.00	Single ACSR Zebra
18	220KV Bodhgaya-Chanadauti (PG)	Double	31.00	62.00	Single ACSR Zebra
19	220KV Chandauti(PG)- Sonenagar	Double	75.48	150.96	Single ACSR Zebra
20	220KV Pusauli(PG)-Nadokar ckt-1	Single	4.75	4.75	Single ACSR Zebra
21	220KV Pusauli(PG)-Nadokar ckt-2	Single	4.20	4.20	Single ACSR Zebra
22	220KV Ara(PG)-Nadokar ckt-1	Single	4.75	4.75	Single ACSR Zebra
23	220KV Ara(PG)-Nadokar ckt-2	Single	4.20	4.20	Single ACSR Zebra
24	220KV Patna (PG) - Sipara ckt-3	Single	0.30	0.30	Twin ACSR Zebra
25	220KV BTPS - Begusarai	Double	15.00	30.00	Single ACSR Zebra
26	220KV BTPS-Hathidah BGCL	Double	9.03	18.06	Single ACSR Zebra
27	220KV Hathidah BGCL-Biharsharif	Double	51.98	103.96	Single ACSR Zebra
28	220kV MTPS-Samastipur(New)(LILO at loc. 241)	Double	85.00	170.00	Single ACSR Zebra
29	220 kV Samastipur(New)- Begusarai(LILO at loc. 239)	Double	55.00	110.00	Single ACSR Zebra
30	220KV MTPS - Gopalganj	Double	101.35	202.70	Single ACSR Zebra
31	220KV MTPS - Motipur	Double	37.80	75.60	Single ACSR Zebra
32	220KV Motipur-Mushahri ckt-I	Single	96.20	96.20	Single ACSR Zebra
33	220KV Motipur-Mushahri ckt-II	Single	90.00	90.00	Single ACSR Zebra
34	220KV Mushahri - Darbhanga ckt-I	Single	58.00	58.00	Single ACSR Zebra
35	220KV Mushahri - Darbhanga ckt-II	Single	55.00	55.00	Single ACSR Zebra
36	220KV Purnea (PG) - Madhepura	Double	100.09	200.18	Single ACSR Zebra
37	220KV Muzaffarpur (PG) - Hazipur	Double	52.00	104.00	Single ACSR Zebra
38	220 KV Kishanganj (PG)-Kishanganj(New) L-1	Double	4.26	8.52	AL/59
39	220 KV Kishanganj (PG)-Kishanganj(New) L-2	Double	4.50	9.00	AL/59
40	220KV DMTCL(Darbhangha)-Samastipur(New)	Single	48.00	48.00	Single ACSR Zebra
41	220KV Darbhanga(DMTCL)-Motipur	Double	109.00	218.00	Single ACSR Zebra
42	220KV Darbhanga(DMTCL)-Laukahi	Double	89.00	178.00	Single ACSR Zebra
43	220KV Madhepura-Laukahi	Double	66.00	132.00	AL/59
44	220KV Darbhanga(DMTCL)-Darbhanga	Double	2.93	5.86	Single ACSR Zebra
45	220KV Purnea (PG) - Khagaria New	Double	102.00	204.00	Single ACSR Zebra
46	220KV Khagaria(New)-Begusarai	Double	98.00	196.00	Single ACSR Zebra
47	220KV BTPS - Hajipur	Double	108.00	216.00	Single ACSR Zebra
48	220KV Kishanganj (New)-Madhepura	Double	146.00	292.00	AL/59
49	220KV Sitamarhi (PG)-Motipur	Double	52.10	104.20	Twin ACSR Moose
50	220KV Saharsa(PG)-Khagaria New Ckt-1	Single	73.00	73.00	ACSR Zebra
Total		83 Circuits		4072.20	

Ckt-4 added

Actual 71km, rest is under UP

Under Process

Total Length of 220 KV Transmission Lines under BSPTCL = 4072.20 km

Total Number of 220 KV Transmission Lines under BSPTCL = 83