

# Power Transmission Corporation of Uttarakhand Ltd.

## 220KV Substations and Lines

SI No.	Name of Generating Scheme	Associated Transmission works	Voltage (KV)	Length/ Capacity (CKM/MVA)	Compl. Target Year	Project cost in Crores
1	2	3	4	5	6	7
1	Arokot (72MW)	220KV D.C. Mori-Nogaon-Khodri Line	200	2x100/ 72MW	2010-11	92.11
2	-	220KV D.C. Arakot Tuni-Mori Line	200	2x40	2010-11	30.23
3	Tuni Plasu (42MW)	LILO of 220KV Arakot Tuni-Mori Line at Hanol Tuni	200	2x2/ 42 MW	2010-11	1.51
4	Hanol Tuni (45 MW)	LILO of 200KV Arakot Tuni-Mori Line at Hanol Tuni	200	2x3/ 45 MW	2010-11	2.28
5	Mori Hanol (63 MW)	LILO of 220KV Arakot Tuni-Mori Line at Mori Hanol	200	2x2/ 63 MW	2010-11	1.51
6	Jakhol Sankri (33MW)	220KV D.C. Jakhol Sankri-Mori(220KV) Line	200	2x30/ 33 MW	2010-11	22.66
7	Natwar Mori (33MW)	LILO of 220 KV Jakhol Sankari-Mori(220KV)at Naitwar Mori	200	2x8/ 33 MW	2010-11	6.06
8	Vyasi (120MW)	LILO of 220 KV Lakhwar-Khodri Line at Vyasi	200	2x5/ 120 MW	2010-11	3.78
9	-	LILO of 220 KV Mori-Khodri Line at Mogaon	200	2x5	2010-11	16.60
10	-	220 KV GIS Mori Substation	200	2x50	2009-10	53.75

11	-	220KV GIS Substation Nogaon	200	2x50	2011-12	51.60
12	Pala Maneri (480MW)	220KV D.C. Line from 400KV Subsation, Roorkee (PGCIL)-220KV Subsatiion, Roorkee.	200	2x15/ 480 MW	2011-12	5.63
13	Kotlibhel IA (195MW)	220KV D.C. Kotlibhel St. II-Roorkee Line	200	2x90/ 195MW	2011-12	169.25
14	Koibhel IB (320MW) Kotilibhel St-II (530 MW)	220 KV D.C. Kotlibhel IB-Kotlibhel St. II Line & LILO of this line at Kotlibhel IA	200	2x34.5/ 320 MW	2011-12	59.34
15	Bhilangana I (22.5 MW)	220KV D.C. Bhilangana III-Ghansali Line	200	2x15/ 22.5 MW	2007-08	15.09
16	Bhilangana II (49MW)	LILO of 220KV D.C. Bhilangana III-Ghansali Line at Bhilangana II	200	2x1/ 49 MW	2007-08	1.51
17	Bhilangana III (24MW)	220 KV Ghansali- Chamba Line	200	2x50/ 24 MW	2007-08	28.29
18	-	220 KV GIS Ghansali Substation	200	2x50/	2008-09	49.45
19	-	220 KV Bay at Chamba	200	1	2008-09	
20	-	220KV D.C. Tapovan- Joshimath Line	200	21	2010-11	15.91
21	-	LILO of 220 KV Tapovan-Joshimath Line at Badrinath	200	70	2010-11	52.89
22	-	220 KV D.C Joshimath –Kuwaripass (Pipalkoti) Line	200	30	2010-11	51.60

23	Bawala Nandprayag (132 MW)	220 KV D.C Devsari- Karnapryag Line	200	26/ 132MW	2010-11	19.65
24	Nandprayag Langrasu (141 MW)	220 KV D.C Nandparyag –Karanparyag Line	200	20/ 141MW	2010-11	15.09
25	Devsari (300MW)	LILO of 220KV Nandparyag – Karanparyag Line at Langrasu	200	8/ 300MW	2010-11	6.06
26	-	220KV D.C Baramwari –Sringar Line	200	70	2010-11	52.89
27	Singoli Bhatwari (60MW)	LILO of 220KV Baramwari- Sringar Line at Singoli Bhatwari	200	10/ 60 MW	2010-11	7.57
28	-	220KV GIS S/s Baramwari	-	2x50	2009-10	49.45
29	-	220KV Bays at Sringar	200	2	2010-11	0.00
30	Khasiabara (260 MW)	220KV Madkot- Khasiabara Line	200	12/ 260MW	2010-11	12.90
31	-	LILO (220KV) of 400KV Urthing Sobla –Pithoragarh Line at Dharchulla	200	10	2011-12	18.49
32	-	220KV D.C Pithoragarh(PGCIL)- Almora	200	80	2010-11	51.60
33	-	220KV GIS Madkot Substation	200	2x25 MVA	2010-11	47.30
34	-	220KV GIS Substation , Dharchulla	200	2x50 MVA	2010-11	53.75
35	-	220KV Substation, Almora	200	2x100 MVA	2010-11	49.45
					<b>Total</b>	<b>1115.25</b>