



# STANDARD DRAWINGS

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Uttarakhand Power Corporation Limited



Sl.No	Drawing Description	Drawing Number
1	GENERAL ARRANGEMENT OF 33 K.V. SINGLE POLE STRUCTURE ON SP-55 ST POLE	UPCL/33KV/01
2	33 K.V. SINGLE LINE SUPPORT WITH SUSPENSION INSULATORS ON SP-55 ST POLE	UPCL/33KV/02
3	33 K.V. DOUBLE CIRCUIT LINE ON SP-55 S.T. POLE	UPCL/33KV/03
4	GENERAL ARRANGEMENT OF 33 K.V. DOUBLE POLE STRUCTURE ON SP-55 ST POLE	UPCL/33KV/04
5	SECTION POLE SP-55 FOR 33 K.V. DOUBLE CIRCUIT LINE	UPCL/33KV/05
6	SINGLE LINE DIAGRAM OF 33/11 K.V. SUB-STATION	UPCL/33KV/06
7	STANDARD LAYOUT OF 33/11KV SUB-STATION WITH TRIPLE FEEDER	UPCL/33KV/07
8	DOUBLE JUMPER FOR CONNECTING S/S EQUIPMENT	UPCL/33KV/08
9	STANDARD LAYOUT OF 33/11KV SUB-STATION WITH TWO FEEDER	UPCL/33KV/09
10	33/11 KV BUS BAR GANTRY	UPCL/33KV/10
11	33 KV FUSE SET WITH GANTRY	UPCL/33KV/11
12	GROUNDING ARRANGEMENT FOR 33/11 K.V. S/S WITH FEEDERS AT RIGHT ANGLE TO BUSBARS	UPCL/33KV/12
13	GUARDING BELOW 33 K.V. OVERHEAD LINES FOR ROAD CROSSING	UPCL/33KV/13
14	33 K.V BALL & SOCKET TYPE SUSPENSION INSULATOR STRING	UPCL/33KV/14
15	33 K.V BALL & SOCKET TYPE STRAIN INSULATOR SET	UPCL/33KV/15
16	METHOD OF BINDING OF ACSR CONDUCTOR ON 33 K.V. PIN INSULATOR	UPCL/33KV/16
17	LAYOUT OF EARTHING IN ADD. 33/11 kv S/S FOR HARD ROCK	UPCL/33KV/17
18	CORE & COIL ASSEMBLY OF 35 KVA 33/0433 KV CU WOUND TRANSFORMER	UPCL/33KV/18
19	OUTLINE GENERAL ASSEMBLY DRAWING FOR 25 KVA 33/0.433 KV CU. WOUND TRANSFORMER	UPCL/33KV/19

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20	33KV SUB-STATON	UPCL/33KV/20
21	'V' SHAPED CHANNEL CROSS-ARM SUITABLE FOR 33 KV LINE	UPCL/33KV/21
22	DANGER PLATE	UPCL/33KV/22
23	GUARDING BELOW 33 K.V. OVERHEAD LINES FOR ROAD CROSSING	UPCL/33KV/23
24	DRAWING OF SWITCH GEAR ROOM BUILDING FOR INDOOR TYPR SUBSTATION	UPCL/33KV/24
25	GENERAL ARRANGEMENT OF 11 K.V. SINGLE POLE STRUCTURE ON SP-33 ST POLE	UPCL/11KV/01
26	GENERAL ARRANGEMENT OF 11 K.V. DOUBLE POLE STRUCTURE ON SP-33 ST POLE	UPCL/11KV/02
27	GROUNDING ARRANGEMENT FOR 11KV SWITCHGEAR	UPCL/11KV/03
28	GUARDING BELOW 11 K.V. OVERHEAD LINES FOR ROAD CROSSING	UPCL/11KV/04
29	11 K.V. CLEVIS & TONGUE TYPE STRAIN INSULATOR SET	UPCL/11KV/05
30	METHOD OF BINDING ACSR ON 11 K.V. PIN INSULATOR	UPCL/11KV/06
31	11/0.4 K.V. 25/63/100 KVA POLE MOUNTED SUB-STATION (WITH 8.5 M.M. PCC POLES)	UPCL/11KV/07
32	11/0.4 K.V. 25/63/100 KVA POLE MOUNTED SUB-STATION (WITH 9 M.M. PCC POLES)	UPCL/11KV/08
32	WELDING OF POLE MOUNTED TRANSFORMER	UPCL/11KV/09
34	63/100KVA 11 K.V. POLE MOUNTED TRANSFORMER	UPCL/11KV/10
35	BIMETALLIC CONNECTOR (H.T.) FOR 11 K.V. DISTRIBUTION TRANSFORMERS	UPCL/11KV/11
36	CROSS SECTION VIEW OF HT XLPE CABLE	UPCL/11KV/12
37	TYPICAL ARRANGEMENT OF 11KV AUTOMATICALLY SWITCHED CAPACITOR BANK	UPCL/11KV/13
38	11 KV LINE CROSSING OF RAILWAY USING 3C X 185 SQ M.M. XLPE CABLE ON DP STRUCTURE PCC/PSC POLES	UPCL/11KV/14
39	33-11kv Sub-Stn. Metering Arrangement	UPCL/11KV/15
40	11KV AB CABLE TO CABLE END TERMINATION ARRANGEMENT	UPCL/11KV/16
41	EARTHING ROD	UPCL/11KV/17

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42	GENERAL ARRANGEMENT OF DISTRIBUTION TRANSFORMER ON SP-55 DOUBLE POLE STRUCTURE	UPCL/11KV/18
43	GUARDING BELOW 11 K.V. OVERHEAD LINES FOR ROAD CROSSING	UPCL/11KV/19
44	L.T. LINE CONFIGURATION	UPCL/LT/01
45	POSITION OF L.T. FITTINGS ON TERMINAL, SECTION, T-OFF POLES	UPCL/LT/02
46	LIGHTING ARRANGEMENT FOR SWITCHGEAR ROOM OF 33/11 K.V. SUB-STATION	UPCL/LT/03
47	SINGLE PHASE SERVICE METER & FUSE BOARD CONNECTIONS	UPCL/LT/04
48	THREE PHASE SERVICE CONNECTIONS	UPCL/LT/05
49	3-PHASE METER & FUSE BOARD CONNECTION WITH/WITHOUT SINGLE PHASE METER	UPCL/LT/06
50	3-PHASE METER BOX WITH/WITHOUT SINGLE PHASE METER	UPCL/LT/07
51	L.T. SHACKLE INSULATOR (SIZE 115X100 M.M.) WITH FITTINGS	UPCL/LT/08
52	SPLIT INSULATOR	UPCL/LT/09
53	4-IN-1 MMB FOR SINGLE PHASE METER WITH MOC (MULTIPLE OUTGOING CONNECTOR BOX)	UPCL/LT/10
54	DETAILS OF SUSPENSION CLAMP AND EYE HOOKS	UPCL/LT/11
55	SUSPENSION CLAMP IN POSITION WITH TWO TYPE OF EYE HOOKS	UPCL/LT/12
56	2-CORE & 4-CORE PVC INSULATED CABLE WITH EMBEDDED BEARER WIRE	UPCL/LT/13
57	16 KVA & 25 KVA 3-PHASE LT DISTRIBUTION BOX WITH MCBs (DEEP DRAWN TYPE)	UPCL/LT/15
58	ERECTION OF POLE & STRINGING OF CONDUCTOR	UPCL/ERECTION/01
59	EARTHING DETAILS OF THE SUPPORT	UPCL/ERECTION/02