

Sl. No	Name of P&M Circle	No. of S/S/Ins	400KV		220KV		132KV		66KV		33KV		11KV		Total in (MVAR)
			D/C	S/C	D/C	S/C	D/C	S/C	D/C	S/C	D/C	S/C	D/C	S/C	
1	Amritsar	16	1	16	5	25	12	26	141	424	26	141	196	760	
2	Bathinda	17	127.416	3	322.744	8	725.951	32	487.920	141	423	32	196	759	
3	Jalandhar	12	566.294	2	1070.184	7	1276.082	3	11.860	152	438	40	179	779	
4	Ludhiana	25	105.444	1	73.000	1	308.864	16	605.904	18	18.000	14	199	605	
5	Patiala	24	279.054	2	192.546	5	714.136	17	882.421	11	42.000	15	172	942	
TOTAL		94	1270.754	3	329.000	47	318.690	126	516.284	18	78.000	127	207.127	898	4703
			1599.754	6740.590	2732.618	4007.972	612.780	2512.404	380	2854	5	862	4090		

P&M Circle	T/F	Line No	React. for	Tie Breaker	220KV		132KV		66KV		33KV		400KV S/S		220KV S/S		132KV S/S		Total		
					T/F	Line No	T/F	Line No	T/F	Line No	T/F	Line No	No. of T/F	Capacity in MVA	No. of T/F	Capacity in MVA	No. of T/F	Capacity in MVA			
Amritsar	-	-	-	-	36	06.3	65	85	4	5	64	102	19	2	65	4100.00	44	1094.50	109	5194.50	
Bathinda	2	4	1	5	38	65.4	85	63	1	5	74	108	2	16	78	4487.50	53	1170.17	133	6282.67	
Jalandhar	2	6	1	5	22	50.3	62	67	3	32	82	1	13	2	46	2955.00	62	1567.00	110	5148.00	
Ludhiana	2	6	1	5	51	82.5	34	22	2	103	146	2	24	2	117	6817.50	37	288.50	136	7766.00	
Patiala	3	8	4	4	52	101.11	15	24	1	90	166	5	25	3	97	6435.00	15	160.00	115	8295.00	
Total	9	24	3	19	199	366.26	251	256	7	14	372	604	10	97	9	403	24820.00	191	4476.17	603	32686.17

Voltage Wise No. of Power Transformers & Capacity in MVA

P&M Circle	T/F	Line No	400KV		220KV		132KV		66KV		33KV		Total (Nos.)
			S/S/Ins	Capacity in MVA	S/S/Ins	Capacity in MVA	S/S/Ins	Capacity in MVA	S/S/Ins	Capacity in MVA	S/S/Ins	Capacity in MVA	
Amritsar	-	-	9Nos	3390.00MVA	-	-	-	-	-	-	-	9Nos	
Bathinda	2	4	195 Nos	20650.00 MVA	44 Nos	1085.00 MVA	185Nos	4398.67MVA	5 Nos	72.50 MVA	1 Nos	5.00 MVA	3390.00MVA 403 Nos 24820.00 MVA
Jalandhar	2	6	195 Nos	20650.00 MVA	44 Nos	1085.00 MVA	185Nos	4398.67MVA	5 Nos	72.50 MVA	1 Nos	5.00 MVA	3390.00MVA 403 Nos 24820.00 MVA
Ludhiana	2	6	195 Nos	20650.00 MVA	44 Nos	1085.00 MVA	185Nos	4398.67MVA	5 Nos	72.50 MVA	1 Nos	5.00 MVA	3390.00MVA 403 Nos 24820.00 MVA
Patiala	3	8	195 Nos	20650.00 MVA	44 Nos	1085.00 MVA	185Nos	4398.67MVA	5 Nos	72.50 MVA	1 Nos	5.00 MVA	3390.00MVA 403 Nos 24820.00 MVA
TOTAL			9Nos	3390.00MVA	229Nos	5483.67 MVA	169 Nos	3157.50 MVA	5 Nos	5.00 MVA	1 Nos	5.00 MVA	603 Nos 32686.17 MVA

Total No. of Power Transformer installed ending 31.12.2016 on 220KV & 132KV S/S under P&M Organization

	400KV	220KV	132KV	66KV	33KV	Total
Amritsar 220KV/S/S	-----	1x160,33x100, 1x50 (3510)	4(92.50)	26(497.50)	-----	(65) 4100.00 MVA
132KV S/S	-----		42(1054.50)	2 (40.00)	-----	(44) 1094.50 MVA
Bathinda 400KV S/S	2x315 (630)	-----	-----	-----	-----	(2) 630.00 MVA
220KV S/S	-----	1x160, 34x100, (3560)	21(557.50)	22(365.00)	-----	(78) 4482.50 MVA
132KV S/S	-----		51(1150.17)	2(20.00)	-----	(53) 1170.17 MVA
Jalandhar 400KV S/S	2x315 (630)	-----	-----	-----	-----	(2) 630.00 MVA
220KV S/S	-----	1x160, 24x100 (2560)	6(117.50)	15(277.50)	-----	(46) 2955.00 MVA
132KV S/S	-----		62 (1563.00)	-----	-----	(62)1563.00 MVA
Ludhiana 400KV S/S	2x315 (630)	-----	-----	-----	-----	(2) 630.00 MVA
220KV S/S	-----	8x160, 42x100 (5480)	11(277.50)	56(1090.00)	-----	(117) 6847.50 MVA
132KV S/S	-----		17(288.50)	-----	-----	(17) 288.50 MVA
Patiala 400KV S/S	3x500 (1500)	-----	-----	-----	-----	(3) 1500.00 MVA
220KV S/S	-----	9x160, 41x100 (5540.00)	2(40.00)	45(855.00)	-----	(97) 6435.00 MVA
132KV S/S	-----		13(342.50)	1(12.50)	-----	(15) 360.00 MVA
Total 400KV S/S	9Nos 3390.00MVA	-----	-----	-----	-----	9Nos 3390.00MVA
220KV S/S	-----	195 Nos 20650.00 MVA	44 Nos 1085.00 MVA	164 Nos 3085.00 MVA	-----	403Nos 24820.00 MVA
132KV S/S	-----	-----	185 Nos 4398.67 MVA	5 Nos 72.50 MVA	1Nos 5.00MVA	191 Nos 4476.17 MVA
Grand Total	9Nos 3390.00MVA	195 Nos 20650.00 MVA	229 Nos 5483.67 MVA	169 Nos 3157.50 MVA	1Nos 5.00 MVA	603 Nos 32686.17 MVA