

Sr. No	Name of P&M Circle	No. of S/Strs			400KV			220KV			132KV			Shunt Capacitor Capacity Installed / 132KV/66KV/33/11KV			Total in (MVAR)
		KV	KV	KV	D/C	S/C	D/C	S/C	D/C	S/C	D/C	S/C	132KV	66KV	33	11	
1	Amritsar	400	220	132	1	--	6	25	12	26	141	424	423	195	195	760	
2	Bathinda	400	220	132	127416	2	322744	725951	467220	483717	152	448	438	179	179	779	
3	Jalandhar	400	220	132	566294	2	1070184	1278082	11560	619710	152	438	179	179	769		
4	Ludhiana	400	220	132	105444	1	73000	308864	16000	852137	76	325	325	199	199	605	
5	Patiala	400	220	132	279054	1	714136	882421	42000	349713	11	759	759	172	172	942	
TOTAL		5	94	69	1270754	3	2732618	4007972	612780	2512404	380	2854	2843	864	862	4103	
				1599.754	6740.590	3125.184											

No of Bays	P&M Circle	400KV			220KV			132KV			66KV			33KV			No. of P/T/Fs & Capacity			Total Capacity in MVA				
		T/F	Line	React	T/F	Line	BC	T/F	Line	BC	T/F	Line	BC	T/F	Line	No of 400KV S/S	No of 220KV S/S	No of 132KV S/S	No of T/Fs					
	Amritsar	-	-	-	36	66.3	65	85	4	5	64	102	-	19	-	2	-	65	4100.00	44	1107.00	109	5207.00	
	Bathinda	2	4	1	5	38	65.4	85	63	1	5	74	109	2	16	-	2	78	4482.50	53	1170.17	133	6282.67	
	Jalandhar	2	6	1	5	22	50.3	62	62	-	2	32	82	1	13	2	2	47	3062.50	62	1563.00	111	5255.50	
	Ludhiana	2	6	1	5	51	82.5	24	22	1	2	103	146	2	24	-	2	117	6847.50	17	288.50	136	7766.00	
	Patiala	4	8	-	4	56	103.11	15	24	1	-	102	166	5	25	1	1	99	6695.00	15	360.00	118	9055.00	
Total		10	24	3	19	203	366.26	251	256.7	14	375	605.10	97	3	12	10	10	3890	406	25187.50	191	4488.67	607	33566.17

Voltage Wise No. of Power Transformers & Capacity in MVA

	400KV	220KV	132KV	66KV	33KV	Total (Nos)					
220KV S/Sms.		198 Nos	44 Nos	164 Nos		406 Nos	21010.00 MVA	1085.00 MVA	3092.50 MVA	25187.50 MVA	
132KV S/Sms.			185Nos	5 Nos	1 Nos	191 Nos	4411.17MVA	4411.17MVA	72.50 MVA	5.00 MVA	4488.67 MVA
TOTAL	10Nos	198 Nos	229Nos	169 Nos	1 No	607 Nos	3990.00MVA	5496.17MVA	3165.00 MVA	5.00 MVA	33566.17 MVA

Total No. of Power Transformer installed ending 31.03.2017 on 220KV & 132KV S/S under P&M Organization

	400KV	220KV	132KV	66KV	33KV	Total
Amritsar 220KVS/S	-----	1x160, 33x100, 1x50 (3510)	4(92.50)	26(497.50)	-----	(65) 4100.00 MVA
132KV S/S	-----	-----	42(1067.00)	2(40.00)	-----	(44) 1107.00 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, 25x100 (2660)	6(117.50)	15(285.00)	-----	(47) 3062.50 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	4x500 (2000)	-----	-----	-----	-----	(4) 2000.00 MVA
220KV S/S	-----	10x160, 42x100 (5300.00)	2(40.00)	45(855.00)	-----	(99) 6695.00 MVA
132KV S/S	-----	-----	13(342.50)	1(12.50)	1(5.00)	(15) 500.00 MVA
Grand Total						
	-----	198 Nos 21010.00 MVA	44 Nos 1085.00 MVA	101 Nos 3092.50 MVA	1 Nos 5.00MVA	25187.50 MVA 191 Nos
	-----	-----	185 Nos 4411.17 MVA	5 Nos 72.50 MVA	1 Nos 5.00MVA	4488.67 MVA
	-----	-----	229 Nos 5496.17 MVA	169 Nos 3165.00 MVA	1 Nos 5.00 MVA	607 Nos 33566.17 MVA
Grand Total	10Nos	198 Nos 21010.00 MVA	5496.17 MVA	3165.00 MVA	5.00 MVA	33566.17 MVA