

**TECHNICAL DATA REGARDING P&M ORGANIZATION ENDING 31.12.12**

Sr. No.	Name of P&M Circle	No. of S/Stns		No. of Lines & Length in Ckt. Kms				No. of P&M / Hot Line Divns	No. of Prot Divns	No. of (TL) S/ Divns.	CO&C Divn	T&C Cell	Shunt Capacitor Capacity Installed / Operative (MVAR) 132KV/66KV/33/11KV				Total in (MVAR) Installed/Operative
		220 kV	132 kV	220kV		132kV							132KV	66KV	33KV	11 KV	
				D/C	S/C	D/C	S/C										
1.	Amritsar	14	22	18 940.972	3 88.506	13 645.220	23 305.717	7	2	3	-	-	141 141	396 396	- -	219 219	756 756
2.	Bathinda	11	22	16 950.780	9 409.304	7 16.884	26 609.426	4	2	2	-	-	152 152	222 222	44 44	142 142	560 560
3.	Jalandhar	8	20	4 336.798	12 412.007	1 16.000	36 820.363	4/1	1	3	2	1	76 76	226 226	27 27	139 139	468 468
4.	Ludhiana	19	9	13 943.712	23 532.790	1 42.000	15 336.713	5/1	2	2	-	-	11 11	516 516	- -	151 151	678 678
5.	Patiala	16	5	3 188.200	12 321.624	1 76.000	15 205.877	5	2	1	1	-	- -	680 680	- -	89 89	769 769
<b>TOTAL</b>		<b>68</b>	<b>78</b>	<b>54 3360.462</b>	<b>59 1764.231</b>	<b>23 796.104</b>	<b>115 2278.096</b>	<b>25/2</b>	<b>9</b>	<b>11</b>	<b>3</b>	<b>1</b>	<b>380 380</b>	<b>2040 2040</b>	<b>71 71</b>	<b>740 740</b>	<b>3231 3231</b>
				<b>5124.693</b>		<b>3074.200</b>											

P&M Circle	No of Bays				No. of P/T/Fs & Capacity									
	220KV		132KV		66KV		33KV		220KV S/S		132KV S/S		Total	
	T/F	Line	T/F	Line	T/F	Line	T/F	Line	No of T/F	Capacity in MVA	No of T/Fs	Capacity in MVA	No of T/Fs	Total Capacity in MVA
Amritsar	30	78, 3BC	66	87, 3BC, 5CB	36	83, 2BC, 16CB	-	3	54	3345.00	55	1344.50	109	4689.50
Bathinda	21	37, 4BC	82	54, 1BC, 5CB	50	80, 2BC, 13CB	5	13, 3 CB	43	2590.00	61	1351.17	104	3941.17
Jalandhar	14	33, 2BC	65	48, 1CB	27	40, 1BC, 9CB	15	25, 3CB	31	1772.50	54	1302.00	85	3074.50
Ludhiana	37	57, 5BC	27	24, 1BC	77	113, 1BC, 17CB	1	2, 1CB	81	4605.00	19	471.00	100	5076.00
Patiala	35	67	16	24	60	135, 6BC, 15CB	1	1	61	4030.50	14	279.50	75	4310.00
<b>Total</b>	<b>137</b>	<b>272, 14BC</b>	<b>256</b>	<b>237, 5BC, 11CB</b>	<b>250</b>	<b>451, 12BC, 70CB</b>	<b>22</b>	<b>44,7CB</b>	<b>270</b>	<b>16343.00</b>	<b>203</b>	<b>4748.17</b>	<b>473</b>	<b>21091.17</b>

Voltage Wise No. of Power Transformers & Capacity in MVA					
	220kV	132kV	66kV	33kV	Total (Nos.)
220kV S/Stns.	<u>138 Nos</u> 13820 MVA	<u>31 Nos</u> 729.50 MVA	<u>101 Nos</u> 1793.50 MVA	-	<u>270 Nos</u> 16343.00 MVA
132kV S/Stns.		<u>198 Nos</u> 4715.17 MVA	<u>2 Nos</u> 20.00 MVA	<u>3 Nos</u> 13.00 MVA	<u>203 Nos</u> 4748.17 MVA
<b>TOTAL</b>	<b><u>138 Nos</u></b> <b>13520 MVA</b>	<b><u>229 Nos</u></b> <b>5444.67 MVA</b>	<b><u>103 Nos</u></b> <b>1813.50 MVA</b>	<b><u>3 No</u></b> <b>13.00 MVA</b>	<b><u>473 Nos</u></b> <b>21091.17 MVA</b>

