

Appendix B/3/1

Switching Point wise Lighting Fixture Details and Installed kW

Sl. No.	Ward / Zone No.	Switch (Metering) Point location	Name of feeder	1 Ph /3 Ph	Rating (Connected load as per Electricity Utility)	Length of street illuminated	Width of street illuminated	Total No. of poles	Height of poles	Type of fixture (High Bay / Low Bay / Floodlight etc.)	Type of Lamp (HPSV / HPMV / MH / FTL / T8 etc.)	Wattage of fixtures	No. of fixtures installed	Installed kW	Control Mechanism (Manual / Timer / Photocell / Dimmer etc.)	Remarks
					kW	kM	m	No.	m			W	No.	kW		
1	21,22,23, 24,25	1	Jagadhari Gate	3 Phase		-----	7.00	686	7.00	Low Bay	MV 125 W	155	19	2.9	Manual	
2			Jagadhari Gate							High Bay	HPSV 250W	290	24	7	Manual	
3			Jagadhari Gate							Low Bay	HPSV 150W	180	9	1.6	Manual	
4			Jagadhari Gate							Low Bay	FTL T12	54	402	22	Manual	
5	24	2	Palika Vihar	1 Phase		5.80	7.00	196	7.00	Low Bay	MV 125 W	155	1	0.2	Manual	
6			Palika Vihar							High Bay	HPSV 250W	290	5	1.5	Manual	
7			Palika Vihar							Low Bay	FTL T12	54	60	3.2	Manual	
8	11	3	Agarsen Chowk	1 Phase		1.50	9.00	53	7.00	Low Bay	MV 125 W	155	2	0.3	Manual	
9			Agarsen Chowk							High Bay	HPSV 250W	290	6	1.7	Manual	
10			Agarsen Chowk							Low Bay	HPSV 150W	180	1	0.2	Manual	
11			Agarsen Chowk							Low Bay	FTL T12	54	24	1.3	Manual	

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					kW	kM	m	No.	m			W	No.	kW		
12	11A	4	Agarsen Chowk A	1 Phase		2.10	9.00	70	7.00	Low Bay	MV 125 W	155	125	19	Manual	
13			Agarsen Chowk A							Low Bay	FTL T12	54	6	0.3	Manual	
14	17,18,29,30	5	Ghas Mandi	3 Phase	15	6.10	7.00	205	7.00	Low Bay	MV 125 W	155	10	1.6	Manual	
15			Ghas Mandi							High Bay	HPSV 250W	290	15	4.4	Manual	
16			Ghas Mandi							Low Bay	HPSV 150W	180	5	0.9	Manual	
17			Ghas Mandi							Low Bay	FTL T12	54	175	9.5	Manual	
18	26,27,28,30	6	Manji Sahib Gurudwara	3 Phase	15	5.90	9.00	200	7.00	Low Bay	MV 125 W	155	4	0.6	Manual	
19			Manji Sahib Gurudwara							High Bay	HPSV 250W	290	6	1.7	Manual	
20			Manji Sahib Gurudwara							Low Bay	HPSV 150W	180	1	0.2	Manual	
21			Manji Sahib Gurudwara							Low Bay	HPSV 70 W	90	1	0.1	Manual	

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					kW	kM	m	No.	m			W	No.	kW		
22			Manji Sahib Gurudwara							Low Bay	FTL T12	54	128	6.9	Manual	
23			Manji Sahib Gurudwara							Low Bay	CFL 56 W	65	1	0.1	Manual	
24	16,18,19, 20	7	Khalsa School	3 Phase	15	6.1	9.00	400	7.00	Low Bay	MV 125 W	155	8	1.2	Manual	
25			Khalsa School							High Bay	HPSV 250W	290	25	7.3	Manual	
26			Khalsa School							Low Bay	HPSV 150W	180	3	0.5	Manual	
27			Khalsa School							Low Bay	FTL T12	54	230	12	Manual	
28			Khalsa School							Low Bay	CFL 65 W	74	1	0.1	Manual	
29	31	8	Ind Area	1 Phase	14.55	4.40	7.00	150	7.00	Low Bay	MV 125 W	155	7	1.1	Manual	
30			Ind Area							High Bay	HPSV 150W	180	29	5.2	Manual	
31			Ind Area							Low Bay	HPSV 70 W	90	6	0.5	Manual	
32			Ind Area							Low Bay	FTL T12	54	14	0.8	Manual	

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					kW	kM	m	No.	m			W	No.	kW		
33		9	Modal Town	3 Phase	16.5	8.00	9.00	270	7.00	Low Bay	MV 125 W	155	26	4	Manual	
34			Modal Town							High Bay	HPSV 250W	290	32	9.3	Manual	
35			Modal Town							Low Bay	HPSV 150W	180	12	2.2	Manual	
36			Modal Town							Low Bay	FTL T12	54	26	1.4	Manual	
37	6	10	Police Line	1 Phase	17	2.60	9.00	88	7.00	Low Bay	MV 125 W	155	3	0.5	Manual	
38			Police Line							Low Bay	HPSV 150W	180	7	1.3	Manual	
39			Police Line							Low Bay	FTL T12	54	15	0.8	Manual	
40			Prem Nagar							Low Bay	MV 125 W	155	2	0.3	Manual	
41	9,10	11	Prem Nagar	3 Phase	16.5	5.30	7.00	178	7.00	Low Bay	HPSV 150W	180	3	0.5	Manual	
42			Prem Nagar							Low Bay	FTL T12	54	111	6	Manual	
43			Prem Nagar							Low Bay	CFL 56 W	65	2	0.1	Manual	
44		12	SW A Near Fun Movie Hall	3 Phase		0.90	9.00	33	7.00	Low Bay	HPSV 150W	180	66	12	Timer	

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					kW	kM	m	No.	m			W	No.	kW		
45		13	Sw B Arya Samaj Mandir	3 Phase		0.90	7.00	33	7.00	Low Bay	HPSV 150W	180	66	12	Timer	
46		14	Sw C Timer	3 Phase		0.90	7.00	33	7.00	Low Bay	HPSV 150W	180	68	12	Timer	
47	13,14,15	15	Badshah Bagh	1 Phase		9.60	7.00	322	7.00	Low Bay	MV 125 W	155	31	4.8	Manual	
48			Badshah Bagh							Low Bay	HPSV 150W	180	43	7.7	Manual	
49			Badshah Bagh							Low Bay	FTL T12	54	30	1.6	Manual	
50			Badshah Bagh							Low Bay	CFL 65 W	74	1	0.1	Manual	
51			Badshah Bagh							Low Bay	CFL 56 W	65	2	0.1	Manual	
52	5	16	Moti Nagar	1 Phase		5.20	7.00	175	7.00	Low Bay	MV 125 W	155	4	0.6	Manual	
53			Moti Nagar							Low Bay	HPSV 150W	180	7	1.3	Manual	
54			Moti Nagar							Low Bay	FTL T12	54	14	0.8	Manual	
55	12	17	Kanch Ghar	1 Phase		2.60	7.00	88	7.00	Low Bay	MV 125 W	155	3	0.5	Manual	
56			Kanch Ghar							Low Bay	HPSV 150W	180	7	1.3	Manual	

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					kW	kM	m	No.	m			W	No.	kW		
57			Kanch Ghar							Low Bay	FTL T12	54	15	0.8	Manual	
58		18	Manav chowk	1 Phase		2.10	9.00	70	7.00	Low Bay	HPSV 150W	180	5	0.9	Manual	
59			Manav chowk							Low Bay	FTL T12	54	11	0.6	Manual	
60	1	19	Baldev Nagar	1 Phase	6.7	###	7.00	362	7.00	Low Bay	MV 125 W	155	6	0.9	Manual	
61			Baldev Nagar							High Bay	HPSV 250W	290	16	4.6	Manual	
62			Baldev Nagar							Low Bay	HPSV 150W	180	15	2.7	Manual	
63			Baldev Nagar							Low Bay	FTL T12	54	2	0.1	Manual	
64	2,3,4	20	Baldev Nagar Houshing Colony	1 Phase	5.6	6.10	7.00	200	7.00	Low Bay	MV 125 W	155	1	0.2	Manual	
65			Baldev Nagar Houshing Colony							High Bay	HPSV 250W	290	1	0.3	Manual	
66			Baldev Nagar Houshing Colony							Low Bay	HPSV 150W	180	1	0.2	Manual	

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					kW	kM	m	No.	m			W	No.	kW		
67			Baldev Nagar Houshing Colony							Low Bay	FTL T12	54	85	4.6	Manual	
68		21	Kalka Chowk	1 Phase		0.40	9.00	12	7.00	Low Bay	FTL T13	54	12	0.6	Manual	
69	3	22	Sw 1 H N 44	1 Phase		0.66	7.00	22	7.00	Low Bay	FTL T14	54	22	1.2	Manual	
70	3	23	Sw 2 H N 426	1 Phase		0.66	7.00	2	7.00	Low Bay	FTL T15	54	22	1.2	Manual	
71	3	24	SW 3 H N 677	1 Phase		0.81	7.00	27	7.00	Low Bay	FTL T16	54	23	1.2	Manual	
72			SW 3 H N 678							Low Bay	HPSV 250W	290	4	1.2	Manual	

Appendix B/3/2

Switching Point wise Illumination Measurement

Sl. No.	Ward / Zone No.	Switch (Metering) Point location	1 Ph / 3 Ph	Name of feeder	Pole Orientation (Center of Road / Side of Road, High mast etc.)	Pole Span (Mtr.)	Illumination Measurements (Lux)									Average Illumination (Lux) (A1 + A2 + B1 + B2) / 16 + (C1 + C2 + C3 + C4) / 8 + D / 4	Remarks
							A1	A2	B1	B2	C1	C2	C3	C4	D		
1	21,22,23,24,25	Near Jagadhari Gate	3 Phase	Near Jagadhari Gate	Side of Road	35	71.1	6.9	65.4	3.1	54.6	11.1	1.3	13.5	1.1	19.5	
2	24	Near Jain School	1 Phase	Near Jain School	Side of Road	40	75.8	7.2	73.1	9.4	44.4	11.1	0.1	22.3	2.3	20.6	
3	11	Gol Road	1 Phase	Gol Road	Side of Road	35	68.7	8.1	63.5	1.1	55.9	9.6	0.9	13.5	0.9	19.0	
4	11A	Nermal Vihar	1 Phase	Nermal Vihar	Center Verge	41	0	0	0	0	0	0	0	0	0	0	
5	17,18,29,30	Sukla Kund Road	3 Phase	Sukla Kund Road	Side of Road	41	66.6	7.3	73.5	5.4	36.4	5.3	3.1	32.1	1.2	19.4	
6	26,27,28,30	Manali House	3 Phase	Manali House	Side of Road	40	81.8	4.1	63.8	4.1	52.1	6.5	6.1	54.1	1.9	24.9	
7	16,18,19,20	Bala Klab	3 Phase	Bala Klab	Side of Road	35	40.5	8.3	52.1	2.5	44.1	7.8	5.1	32.1	3.5	18.5	
8	31	Mikki Chowk	1 Phase	Mikki Chowk	Side of Road	35	56.4	5.5	66.7	2.5	44.5	4.9	1.9	46.5	2.4	21.1	
9		Kaylash Nagar	3 Phase	Kaylash Nagar	Side of Road	40	56.5	5.1	77.7	4.5	65.4	6.4	4.1	43.1	0.9	24.1	

Sl. No.	Ward / Zone No.	Switch (Metering) Point location	1 Ph / 3 Ph	Name of feeder	Pole Orientation (Center of Road / Side of Road, High mast etc.)	Pole Span (Mtr.)	Illumination Measurements (Lux)									Average Illumination (Lux)	Remarks
							A1	A2	B1	B2	C1	C2	C3	C4	D	$(A1 + A2 + B1 + B2) / 16 + (C1 + C2 + C3 + C4) / 8 + D / 4$	
10	6	Police Line	1 Phase	Police Line	Side of Road	35	44.5	6.5	44.8	6.4	45.5	10.2	2.3	22.3	0.6	16.6	
11	9,10	Preet Nagar	3 Phase	Preet Nagar	Side of Road	40	56.7	7.8	66.9	4.5	42.5	1.4	4.4	21.3	1.8	17.6	
12		Near Fun Cinema	3 Phase	Near Fun Cinema	Center Verge	40	72.9	3.9	81.1	1.9	46.1	9.1	4.3	16.5	6.1	21.0	
13		Arya Samaj Mandir	3 Phase	Arya Samaj Mandir	Center Verge	35	45.8	6.5	54.8	4.5	64.1	6.1	5.1	15.5	6.1	19.8	
14		Near 3 Timer	3 Phase	Near 3 Timer	Center Verge	40	0	0	0	0	0	0	0	0	0	0	
15	13,14,15	Indra Nagar	1 Phase	Indra Nagar	Side of Road	40	64.6	7.8	64.5	8.5	63.1	10.1	1.5	21.3	2.1	21.6	
16	5	Pole No 1 H No 677	1 Phase	Pole No 1 H No 677	Side of Road	35	65.4	4.9	55.6	2.3	24.6	5.9	2.5	32.5	2.9	16.9	
17	12		1 Phase		Side of Road	40	85.4	3.4	72.8	5.2	52.9	8.8	3.6	35.2	3.7	23.9	
18		Pole No 1 H No 426	1 Phase	Pole No 1 H No 426	Side of Road	35	0	0	0	0	0	0	0	0	0	0	
19	1	Pole No 1 H No 44	1 Phase	Pole No 1 H No 44	Side of Road	35	44.5	8.1	56.5	4.9	65.4	3.5	1.9	43.1	2.4	22.0	

Sl. No.	Ward / Zone No.	Switch (Metering) Point location	1 Ph / 3 Ph	Name of feeder	Pole Orientation (Center of Road / Side of Road, High mast etc.)	Pole Span (Mtr.)	Illumination Measurements (Lux)									Average Illumination (Lux)	Remarks
							A1	A2	B1	B2	C1	C2	C3	C4	D	$(A1 + A2 + B1 + B2) / 16 + (C1 + C2 + C3 + C4) / 8 + D / 4$	
20	2,3,4	New Madel Colocu	1 Phase	New Madel Colocu	Side of Road	40	65.4	77.7	44.5	6.4	45.5	6.4	4.1	22.3	0.9	22.1	
21		Vijay Nagar	1 Phase	Vijay Nagar	Side of Road	35	45.5	44.8	56.7	10.2	42.5	10.2	2.3	21.3	0.6	19.5	
22	3	Doubal Story	1 Phase	Doubal Story	Side of Road	40	42.5	2.3	72.9	1.4	46.1	2.5	4.4	16.5	1.8	16.6	
23	3	Gobardhn Nagar	1 Phase	Gobardhn Nagar	Side of Road	40	46.1	5.2	45.8	9.1	64.1	3.6	4.3	15.5	6.1	19.1	
24	3	Sohan Lal School	1 Phase	Sohan Lal School	Side of Road	35	64.1	3.2	55.3	6.1	61.2	6.1	5.1	28.3	6.1	22.2	

Appendix B/3/3

Switching Point wise Service Delivery & SEC

Sl. No.	Ward / Zone No.	Switch (Metering) Point location	Road Category(s)	Total Installed Load (kW)	Measured Load (kW)	% Burn Out (Installed Load – Measured Load) / Installed Load	Annual Energy Consumption (kWh) (365 days x Avg. Operating Hours x kW measured)	Annual Energy Consumption (kWh) (From Utility Bills)	Avg. Illumination (Lux)	kWh / Annum / lux	kWh / Annum / kW _{installed}
1	21,22,23,24,25	Near Jagadhari Gate	B1	56.561	8.25	85.41	24090		19.50	1235.4	425.9
2	24	Near Jain School	B2	13.665	1.59	88.36	4642.8		20.65	224.8	339.8
3	11	Gol Road	B1	6.226	2.19	64.82	6394.8		19.05	335.7	1027.1
4	11A	Nirmal Vihar	B2	19.699	0	100.00	0		0.00		0.0
5	17,18,29,30	Sukla Kund Road	B1	27.86	10.79	61.27	31506.8		19.45	1619.9	1130.9
6	26,27,28,30	Manali House	B1	16.78	9.9	41.00	28908		24.93	1159.6	1722.8
7	16,18,19,20	Bala Klab	B1	31.451	14.15	55.01	41318		18.47	2237.0	1313.7
8	31	Mikki Chowk	B1	18.671	1.01	94.59	2949.2		21.02	140.3	158.0
9		Kaylash Nagar	B1	29.51	6.96	76.41	20323.2		24.08	844.0	688.7
10	6	Police Line	B1	8.637	3.53	59.13	10307.6		16.58	621.7	1193.4
11	9,10	Preet Nagar	B1	13.346	4.19	68.60	12234.8		17.65	693.2	916.7
12		Near Fun Cinema	B1	11.88	11.92	-0.34	34806.4		21.01	1656.7	2929.8
13		Arya Samaj Mandir	B1	11.88	7.13	39.98	20819.6		19.85	1048.8	1752.5
14		Near 3 Timer	B1	12.24		100.00	0		0.00		0.0

Sl. No.	Ward / Zone No.	Switch (Metering) Point location	Road Category(s)	Total Installed Load (kW)	Measured Load (kW)	% Burn Out (Installed Load – Measured Load) / Installed Load	Annual Energy Consumption (kWh) (365 days x Avg. Operating Hours x kW measured)	Annual Energy Consumption (kWh) (From Utility Bills)	Avg. Illumination (Lux)	kWh / Annum / lux	kWh / Annum / kW _{installed}
15	13,14,15	Indra Nagar	B1	27.302	1.56	94.29	4555.2		21.61	210.8	166.8
16	5	Pole No 1 H No 677	B2	8.414	0.54	93.58	1576.8		16.93	93.1	187.4
17	12		B1	5.937	0.89	85.01	2598.8		23.91	108.7	437.7
18		Pole No 1 H No 426	B2	7.11		100.00	0		0.00		0.0
19	1	Pole No 1 H No 44	B1	16.745	6.18	63.09	18045.6		21.96	821.7	1077.7
20	2,3,4	New Madel Colocu	B2	8.617	1.83	78.76	5343.6		22.14	241.4	620.1
21		Vijay Nagar	B1	0.648	0.089	86.27	259.88		19.51	13.3	401.0
22	3	Doubal Story	B2	1.188	1	15.82	2920		16.58	176.1	2457.9
23	3	Gobardhn Nagar	B2	1.188	0.39	67.17	1138.8		19.10	59.6	958.6
24	3	Sohan Lal School	B2	2.402	1.99	17.15	5810.8		22.16	262.2	2419.2

Appendix B/3/4

Switching Point wise Monthly Energy Bill summery

Switching (Metering) Point / Location	Consumer No.	Year	Month	Units consumed (kWh)	Avg. PF	Amount (Rs.)
Jagadhari Gate	SL1/East					
Palika Vihar	SL1/East					
Agarsen Chowk						
Agarsen Chowk A	SL1A/East					
Ghas Mandi	SL1/West	2009	May			35172
Manji Sahib Gurudwara	SL1/West	2009	May			35172
Khalsa School	SL1/West	2009	May			35172
Ind Area	SL1/West	2009	May			35172
Modal Town	SL527					
Police Line	SL 528					
Prem Nagar	SL 526					
SW A Near Fun Movie Hall						
Sw B Arya Samaj Mandir						
Sw C Timer						
Badshah Bagh						
Moti Nagar						
Kanch Ghar						
Manav chowk						
Baldev Nagar	BAL 1					
Baldev Nagar Houshing Colony	BAL 3					
Kalka Chowk	Kundi					
Sw 1 H N 44	Kundi					
Sw 2 H N 426	Kundi					
SW 3 H N 677	Kundi					

We ha received above details only

Appendix B/4/1 Municipal Buildings

Sl. No.	Parameter Description	UOM	Name:
			Main Office
A	Location / Address		Main Office Ambala City
B	No. of Floors (Including Ground Floor)	No.	1
C	Total Built-up Floor Area (Square Mtrs.)	Sq. Mtr.	627.2
D	Conditioned Floor Area (as % of Total Builtup Floor Area)	%	0
E	Total Connected load of the individual Buildings		11.577
F	Energy Metering		
F.1	No. of HT Connections (Energy Meters)	No.	0
F.2	No. of 3 Phase LT Connections (Energy Meters)	No.	1
F.3	No. of Single Phase LT Connections (Energy Meters)	No.	0
F.4	Electricity Consumption in the selected Buildings - Monthly Average KWh for the last one year of the bill collected. (Total Annual kWh / 12)		1993
F.5	Maximum Demand of the individual Buildings-Monthly Average in KVA for the last one year of the bill collected.		NA
F.6	Annual Energy Bill (Rs) @ Rs.4.15 per kwh	Rs.	99251
F.7	Monthly Average Energy Bill (Rs) (=F.6 / 12)	Rs.	8271

Sl. No.	Parameter Description	UOM	Name:
			Main Office
G	Emergency Supply		
G.1	No. of DG Sets or other Sources	Nos.	1
G.2	Capacity of DG Sets or other Sources	kVA	40
G.3	Fuel Used (eg. HSD, LDO, FO)		0
G.4	Annual Fuel Consumption	Kg.	0
H	Energy Cost (Rs. / Unit)		
H.1	Utility Energy Cost	Rs.	2791
H.2	Captive Energy Cost (DG Sets)	Rs.	0
I	EPI(Energy Performance Index) -	kWh / sqm / year	38.15
	Energy includes electricity purchased and generated		
J	Annual Maintenance Cost (Rs)		
J.1	Material	Rs.	NA
J.2	Labour	Rs.	NA
K	Operating Details		
K.1	Total No. of Occupants (Approx.)	No.	90
K.2	Avg. No. of Occupants during Working Hours	No.	85
K.3	Annual Working Days	No. of Days	251
K.4	Daily Operating Hours	from __ hrs. to __ hrs.	9.0 - 5.30
L	Remarks		

AppendixB/4/2

Municipal Buildings – Inventory of Energy Consuming Appliances

Building Name & Location / Address: Main office, Ambala Municipal Committee

Sr. No.	Floor	Location / Room Description	Appliance Category	Appliance	Capacity (Mention Value and Units eg. 2 TR for Window AC, Lit for Geysers etc.)	Wattage (W)	No. of Appliances	Working Hours	Installed Load (kW)
1	0	Steno to EO Room no 1	Lighting	TL 40 W	W	54	2	8	0.108
2	0	Steno to EO Room no 1	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	8	0.06
3	0	E O Room Room no 2	Lighting	TL 40 W	W	54	3	8	0.162
4	0	E O Room Room no 2	Lighting	CFL 9 W	W	9	1	8	0.009
5	0	E O Room Room no 2	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	2	8	0.12
6	0	E O Room Room no 2	Fans/Blowers/Exhaust Fans	Exhaust Fan	W	40	1	8	0.04
7	0	E O Room Room no 2	Fans/Blowers/Exhaust Fans	Cooler	W	60	1	8	0.06
8	0	Upadhychh Room no 3	Lighting	TL 40 W	W	54	3	8	0.162
9	0	Upadhychh Room no 3	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	2	8	0.12
10	0	Adhyachh Room Room no 4	Lighting	TL 40 W	W	54	6	8	0.324
11	0	Adhyachh Room Room no 4	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	2	8	0.12
12	0	Adhyachh Room Room no 4	Fans/Blowers/Exhaust Fans	Exhaust Fan	W	40	1	8	0.04
13	0	Adhyachh Room Room no 4	Fans/Blowers/Exhaust Fans	Cooler	W	80	1	8	0.08
14	0	Meeting Hall Room no 6	Lighting	TL 40 W	W	54	4	8	0.216
15	0	Meeting Hall Room no 6	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	3	8	0.18

Sr. No.	Floor	Location / Room Description	Appliance Category	Appliance	Capacity (Mention Value and Units eg. 2 TR for Window AC, Lit for Geysers etc.)	Wattage (W)	No. of Appliances	Working Hours	Installed Load (kW)
16	0	Varanda Room no 5	Lighting	TL 40 W	W	54	1	8	0.054
17	0	Varanda Room no 5	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	8	0.06
18	0	Varanda Room no 7	Lighting	TL 40 W	W	54	8	8	0.432
19	0	Record Room Room no 8	Lighting	TL 40 W	W	54	8	8	0.432
20	0	Record Room Room no 8	Lighting	CFL 18 W	W	18	2	8	0.036
21	0	Record Room Room no 8	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	3	8	0.18
22	0	Lekhakar Office Room no 9	Lighting	TL 40 W	W	54	3	8	0.162
23	0	Lekhakar Office Room no 9	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	8	0.06
24	0	Lekhakar Office Room no 9	Fans/Blowers/Exhaust Fans	Wall Fan	W	40	1	8	0.04
25	0	Account Office Room no 10	Lighting	TL 40 W	W	54	2	8	0.108
26	0	Account Office Room no 10	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	8	0.06
27	0	Account Office Room no 10	Fans/Blowers/Exhaust Fans	Wall Fan	W	40	1	8	0.04
28	0	Account Office Room no 10	Fans/Blowers/Exhaust Fans	Cooler	W	80	1	8	0.08
29	0	Computer Room Room no 11	Lighting	TL 40 W	W	54	7	8	0.378
30	0	Computer Room Room no 11	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	8	0.06
31	0	Computer Room Room no 11	Fans/Blowers/Exhaust Fans	Exhaust Fan	W	40	1	8	0.04
32	0	Computer Room Room no 11	Other Appliances	Computer	W	200	3	8	0.6
33	0	General Office Room no 12	Lighting	TL 40 W	W	54	3	8	0.162

Sr. No.	Floor	Location / Room Description	Appliance Category	Appliance	Capacity (Mention Value and Units eg. 2 TR for Window AC, Lit for Geysers etc.)	Wattage (W)	No. of Appliances	Working Hours	Installed Load (kW)
34	0	General Office Room no 12	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	2	8	0.12
35	0	Audit Branch Room No 13	Lighting	TL 40 W	W	54	3	8	0.162
36	0	Audit Branch Room No 13	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	8	0.06
37	0	Audit Branch Room No 13	Fans/Blowers/Exhaust Fans	Cooler	W	60	1	8	0.06
38	0	Audit Branch Room No 13	Fans/Blowers/Exhaust Fans	Wall Fan	W	40	1	8	0.04
39	0	Audit Branch Room No 14	Lighting	TL 40 W	W	54	2	8	0.108
40	0	Audit Branch Room No 14	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	8	0.06
41	0	Audit Branch Room No 14	Fans/Blowers/Exhaust Fans	Wall Fan	W	40	1	8	0.04
42	0	Audit Branch Room No 14	Fans/Blowers/Exhaust Fans	Exhaust Fan	W	40	1	8	0.04
43	0	Tax Office Room no 15	Lighting	TL 40 W	W	54	2	8	0.108
44	0	Tax Office Room no 15	Lighting	CFL 18 W	W	18	7	8	0.126
45	0	Tax Office Room no 15	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	5	8	0.3
46	0	Tax Office Room no 15	Fans/Blowers/Exhaust Fans	Cooler	W	80	1	8	0.08
47	0	Record Room 2 Room no 16	Lighting	CFL 18 W	W	18	4	8	0.072
48	0	Record Room 2 Room no 16	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	8	0.06
49	0	Municipal Eng.Office Room no 17	Lighting	TL 40 W	W	54	4	8	0.216
50	0	Municipal Eng.Office Room no 17	Lighting	Bulb 100 W	W	100	1	8	0.1
51	0	Municipal Eng.Office Room no 17	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	8	0.06

Sr. No.	Floor	Location / Room Description	Appliance Category	Appliance	Capacity (Mention Value and Units eg. 2 TR for Window AC, Lit for Geysers etc.)	Wattage (W)	No. of Appliances	Working Hours	Installed Load (kW)
52	0	Municipal Eng. Office Room no 17	Fans/Blowers/Exhaust Fans	Exhaust Fan	W	40	1	8	0.04
53	0	Abhyantran Office Room no 18	Lighting	TL 40 W	W	54	3	8	0.162
54	0	Abhyantran Office Room no 18	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	8	0.06
55	0	Abhyantran Office Room no 18	Fans/Blowers/Exhaust Fans	Wall Fan	W	40	1	8	0.04
56	0	Abhyantran Office Room no 18	Other Appliances	Inverter	W	810	1	8	0.81
57	0	M E Branch Room no 19	Lighting	TL 40 W	W	54	1	8	0.054
58	0	M E Branch Room no 19	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	8	0.06
59	0	Birth & Death Room no 20	Lighting	TL 40 W	W	54	2	8	0.108
60	0	Birth & Death Room no 20	Lighting	CFL 18 W	W	18	1	8	0.018
61	0	Birth & Death Room no 20	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	8	0.06
62	0	Varanda 2	Lighting	TL 40 W	W	54	1	8	0.054
63	0	Varanda 2	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	8	0.06
64	0	Ele. Dept Room no 21	Lighting	TL 40 W	W	54	2	8	0.108
65	0	Ele. Dept Room no 21	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	8	0.06
66	0	Building Branch Room no 22	Lighting	TL 40 W	W	54	3	8	0.162
67	0	Building Branch Room no 22	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	8	0.06
68	0	Executive Engineer Room no 23	Lighting	TL 40 W	W	54	4	8	0.216
69	0	Executive Engineer Room no 23	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	8	0.06
70	0	Executive Engineer Room no 23	Fans/Blowers/Exhaust Fans	Wall Fan	W	40	1	8	0.04

Sr. No.	Floor	Location / Room Description	Appliance Category	Appliance	Capacity (Mention Value and Units eg. 2 TR for Window AC, Lit for Geysers etc.)	Wattage (W)	No. of Appliances	Working Hours	Installed Load (kW)
71	0	Executive Engineer Room no 23	Fans/Blowers/Exhaust Fans	Exhaust Fan	W	40	1	8	0.04
72	0	Executive Engineer Room no 23	Other Appliances	Computer	W	200	1	8	0.2
73	0	Executive Engineer Room no 23	Fans/Blowers/Exhaust Fans	Cooler	W	80	1	8	0.08
74	0	Executive Engineer Room no 23	Lighting	Bulb 100 W	W	100	1	8	0.1
75	0	Hut Branch Room no 24	Lighting	TL 40 W	W	54	2	8	0.108
76	0	Hut Branch Room no 24	Lighting	CFL 18 W	W	18	2	8	0.036
77	0	Hut Branch Room no 24	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	2	8	0.12
78	0	M Ch Hall Room no 25	Lighting	Bulb 100 W	W	100	3	8	0.3
79	0	M Ch Hall Room no 25	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	2	8	0.12
80	0	M Ch Hall Room no 26	Fans/Blowers/Exhaust Fans	Wall Fan	W	40	2	8	0.08
81	0	M Ch Hall Room no 26	Lighting	Bulb 100 W	W	100	2	8	0.2
82	0	M E Branch Room no 27	Lighting	Bulb 100 W	W	100	2	8	0.2
83	0	M E Branch Room no 27	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	8	0.06
84	0	Varanda 3	Lighting	TL 40 W	W	54	2	8	0.108
85	0	Varanda 3	Lighting	Sodium 250 W	W	290	2	8	0.58
86	0	Varanda 3	Other Appliances	Water Cooler	W	750	1	8	0.75

Appendix B/4/3

Municipal Buildings – Energy Bill Summary (HT Supply)

Name & Location: Ambala Municipal Committee

Consumer

No.: NA

Site Type: Municipal Office

ContractDemand: kVA

Month & Year	Units consumed (kWh)	Actual demand (kVA)	Billing demand (kVA)	P.F.	Billing amount (Rs.)	PF Penalty / Incentive (Rs.)

There is no HT connection

Appendix B/4/3

Municipal Buildings – Energy Bill Summary (LT Supply)

Consumer
No.: CSP
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Name & Location: Ambala Municipal Committee

Site Type: Municipal Office

ContractDemand: NA kVA

Month & Year	Units consumed (kWh)	Actual demand (kVA)	Billing demand (kVA)	P.F.	Billing amount (Rs.)	PF Penalty / Incentive (Rs.)
May-09					2791	