

Appendix B/3/1

Switching Point wise Lighting Fixture Details and Installed kW

Sl. No.	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 pole	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	Model Town	Shastri Colony	Shastrinagar	1 Ph	11.831	4.83	10	161	9	Low Bay	150W HPSV	180	34	6.12	Manual	
	Model Town	Shastri Colony	Shastrinagar	1 Ph	11.831	4.83	10	161	9	Low Bay	40W FTL	55	127	6.985	Manual	
2	Model Town	Chhata Mandir	Chhata Mandir	1 Ph	6.842	2.61	4.37	87	9	Low Bay	150W HPSV	180	23	4.14	Manual	
	Model Town	Chhata Mandir	Chhata Mandir	1 Ph	6.842	2.61	4.37	87	9	Low Bay	40W FTL	55	64	3.52	Manual	
3	Model Town	Prof. Colony,	Govind Puri Road	1 Ph	12.034	4.89	10	163	9	Low Bay	150W HPSV	180	35	6.3	Manual	
	Model Town	Prof. Colony,	Govind Puri Road	1 Ph	12.034	4.89	10	163	9	Low Bay	40W FTL	55	128	7.04	Manual	
4	Model Town	Madhur Colony	Madhur Colony	1 Ph	11.4	6.92	30	173	9	Low Bay	150W HPSV	180	23	4.14	Manual	
	Model Town	Madhur Colony	Madhur Colony	1 Ph	11.4	6.92	30	173	9	Low Bay	40W FTL	55	150	8.25	Manual	
5	Model Town	Civil Hospital	Civil Hospital	1 Ph	12.969	4.98	3.55	166	9	Low Bay	150W HPSV	180	43	7.74	Manual	
	Model Town	Civil Hospital	Civil Hospital	1 Ph	12.969	4.98	3.55	166	9	Low Bay	40W FTL	55	123	6.765	Manual	
6	Model Town	Rampura	Rampura	1 Ph	8.803	3.72	3.42	124	9	Low Bay	150W HPSV	180	23	4.14	Manual	
	Model Town	Rampura	Rampura	1 Ph	8.803	3.72	3.42	124	9	Low Bay	40W FTL	55	101	5.555	Manual	
7	Model Town	Jindal power House	Jindal power House	3 Ph	5.86	1.04	12	26	9	Low Bay	150W HPSV	180	32	5.76	Manual	
	Model Town	Jindal power House	Jindal power House	3 Ph	5.86	1.04	12	26	9	High Bay	400w HPSV	440	6	2.64	Manual	
	Model Town	Jindal power House	Jindal power House	3 Ph	5.86	1.04	12	26	9	Low Bay	40W FTL	55	20	1.1	Manual	

8	Model Town	Jindal power House	Mena Bazar	3 Ph	4.068	1.24	5	31	9	Low Bay	150W HPSV	180	25	4.5	Manual	
	Model Town	Jindal power House	Mena Bazar	3 Ph	4.068	1.24	5	31	9	Low Bay	40W FTL	55	6	0.33	Manual	
9	Model Town	Jindal power House	Workshop Road	3 Ph	7.519	1.28	16	32	9	Low Bay	150W HPSV	180	42	7.56	Manual	
	Model Town	Jindal power House	Workshop Road	3 Ph	7.519	1.28	16	32	9	Low Bay	40W FTL	55	23	1.265	Manual	
10	Model Town	Tagore Garden	Tagore Garden Opp. Bus Stand	1 Ph	14.875	7.2	12	180	9	Low Bay	150W HPSV	180	55	9.9	Manual	
	Model Town	Tagore Garden	Tagore Garden Opp. Bus Stand	1 Ph	14.875	7.2	12	180	9	Low Bay	40W FTL	55	125	6.875	Manual	
11	Model Town	Mela Singh chowk	Mela Singh Chowk	1 Ph	5.252	2.28	8.73	57	9	Low Bay	150W HPSV	180	23	4.14	Manual	
	Model Town	Mela Singh chowk	Mela Singh Chowk	1 Ph	5.252	2.28	8.73	57	9	Low Bay	40W FTL	55	34	1.87	Manual	
12	Model Town	Santpura road	Santpura Road	1 Ph	14.619	5.31	8	177	9	Low Bay	150W HPSV	180	54	9.72	Manual	
	Model Town	Santpura road	Santpura Road	1 Ph	14.619	5.31	8	177	9	Low Bay	40W FTL	55	123	6.765	Manual	
13	Model Town	Attack Society	Attack Society Small Model Town	1 Ph	12.81	6.52	8	163	9	Low Bay	150W HPSV	180	43	7.74	Manual	
	Model Town	Attack Society	Attack Society Small Model Town	1 Ph	12.81	6.52	8	163	9	High Bay	400w HPSV	440	6	2.64	Manual	
	Model Town	Attack Society	Attack Society Small Model Town	1 Ph	12.81	6.52	8	163	9	Low Bay	40W FTL	55	120	6.6	Manual	
14	Model Town	Bhatia Nagar	Bhatia Colony	1 Ph	12.394	5.84	4.73	146	9	Low Bay	150W HPSV	180	48	8.64	Manual	
	Model Town	Bhatia Nagar	Bhatia Colony	1 Ph	12.394	5.84	4.73	146	9	Low Bay	40W FTL	55	98	5.39	Manual	
15	Model Town	Kapurwilla	Kapurwilla Model Town	1 Ph	15.248	8.36	8	209	9	Low Bay	150W HPSV	180	43	7.74	Manual	
	Model Town	Kapurwilla	Kapurwilla Model Town	1 Ph	15.248	8.36	8	209	9	Low Bay	40W FTL	55	166	9.13	Manual	

16	Model Town	Sharma Garden	Sharma Garden Mahindra Petrol Pump	1 Ph	7.538	2.4	20	80	9	Low Bay	150W HPSV	180	34	6.12	Manual	
	Model Town	Sharma Garden	Sharma Garden Mahindra Petrol Pump	1 Ph	7.538	2.4	20	80	9	Low Bay	40W FTL	55	46	2.53	Manual	
17	Model Town	Ramnagar	Ramnagar Near Kanya singh chowk	1 Ph	8.072	4.02	12	134	9	Low Bay	150W HPSV	180	10	1.8	Manual	
	Model Town	Ramnagar	Ramnagar Near Kanya singh chowk	1 Ph	8.072	4.02	12	134	9	Low Bay	40W FTL	55	124	6.82	Manual	
18	Model Town	Attack Society Govt. School	Attack Society Govt. School	1 Ph	5.739	2.37	7	79	9	Low Bay	150W HPSV	180	16	2.88	Manual	
	Model Town	Attack Society Govt. School	Attack Society Govt. School	1 Ph	5.739	2.37	7	79	9	Low Bay	40W FTL	55	63	3.465	Manual	
19	Model Town	Attack Society Prem Nagar	Attack Society Prem Nagar	1 Ph	25.502	11.58	7	386	9	Low Bay	150W HPSV	180	52	9.36	Manual	
	Model Town	Attack Society Prem Nagar	Attack Society Prem Nagar	1 Ph	25.502	11.58	7	386	9	Low Bay	40W FTL	55	334	18.37	Manual	
20	Model Town	Chhata Mandir Road	Chhata Mandir road	1 Ph	6.019	1.65	7.38	55	9	Low Bay	150W HPSV	180	32	5.76	Manual	
	Model Town	Chhata Mandir Road	Chhata Mandir road	1 Ph	6.019	1.65	7.38	55	9	Low Bay	40W FTL	55	23	1.265	Manual	
21	Industrial Area	Dash Mash Colony	Dash Mash Colony	1 Ph	10.937	3.72	8	124	9	Low Bay	150W HPSV	180	45	8.1	Manual	
	Industrial Area	Dash Mash Colony	Dash Mash Colony	1 Ph	10.937	3.72	8	124	9	Low Bay	40W FTL	55	79	4.345	Manual	
22	Industrial Area	Tanga Stand Near Agarsan Chowk	Tanga Stand Near Agarsan Chowk	1 Ph	14.161	7.32	10	183	9	Low Bay	150W HPSV	180	52	9.36	Manual	
	Industrial Area	Tanga Stand Near	Tanga Stand Near	1 Ph	14.161	7.32	10	183	9	High Bay	400w HPSV	440	6	2.64	Manual	

		Agarsan Chowk	Agarsan Chowk													
	Industrial Area	Tanga Stand Near Agarsan Chowk	Tanga Stand Near Agarsan Chowk	1 Ph	14.161	7.32	10	183	9	Low Bay	40W FTL	55	137	7.535	Manual	
23	Industrial Area	Opp. Jindal House	Opp. Jindal House	1 Ph	14.672	5.34	12	178	9	Low Bay	150W HPSV	180	54	9.72	Manual	
	Industrial Area	Opp. Jindal House	Opp. Jindal House	1 Ph	14.672	5.34	12	178	9	Low Bay	40W FTL	55	124	6.82	Manual	
24	Industrial Area	Chandpura	Chandpura	1 Ph	5.228	3.36	12.5	84	9	Low Bay	150W HPSV	180	8	1.44	Manual	
	Industrial Area	Chandpura	Chandpura	1 Ph	5.228	3.36	12.5	84	9	Low Bay	40W FTL	55	76	4.18	Manual	
25	Industrial Area	Chandpura 66KVA	Chandpura 66KVA	1 Ph	0.3	0.06	8	2	9	Low Bay	150W HPSV	180	2	0.36	Manual	
	Industrial Area	Chandpura 66KVA	Chandpura 66KVA	1 Ph	0.3	0.06	8	2	9	Low Bay	40W FTL	55	0	0	Manual	
26	Industrial Area	ITI Chowk	ITI Chowk	1 Ph	5.25	1.05	5	35	9	Low Bay	150W HPSV	180	35	6.3	Manual	
	Industrial Area	ITI Chowk	ITI Chowk	1 Ph	5.25	1.05	5	35	9	Low Bay	40W FTL	55	0	0	Manual	
27	Industrial Area	Bus Stand	Bus Stand	1 Ph	16.79	3.92	12	98	9	Low Bay	150W HPSV	180	66	11.88	Manual	
	Industrial Area	Bus Stand	Bus Stand	1 Ph	16.79	3.92	12	98	9	Low Bay	40W FTL	55	130	7.15	Manual	
28	Industrial Area	Bye Pass	Bye Pass	1 Ph	12.417	3.24	10	108	9	Low Bay	150W HPSV	180	69	12.42	Manual	
	Industrial Area	Bye Pass	Bye Pass	1 Ph	12.417	3.24	10	108	9	Low Bay	400w HPSV	440	6	2.64	Manual	
	Industrial Area	Bye Pass	Bye Pass	1 Ph	12.417	3.24	10	108	9	Low Bay	40W FTL	55	39	2.145	Manual	
29	Industrial Area	Key Iron Works	Key Iron Works	1 Ph						Low Bay	150W HPSV	180	0	0	Manual	
	Industrial Area	Key Iron Works	Key Iron Works	1 Ph						Low Bay	40W FTL	55	0	0	Manual	
30	ITI	Sanjay Colony	Sanjay Colony	1 Ph						Low Bay	150W HPSV	180	0	0	Manual	
	ITI	Sanjay Colony	Sanjay Colony	1 Ph						Low Bay	40W FTL	55	0	0	Manual	
31	ITI	Kansa pura Road	Kansa pura Road	1 Ph	3.84	1.35	12	45	9	Low Bay	150W HPSV	180	15	2.7	Manual	
	ITI	Kansa pura Road	Kansa pura Road	1 Ph	3.84	1.35	12	45	9	Low Bay	40W FTL	55	30	1.65	Manual	
32	ITI	Dua	Dua Hospital	1 Ph	1.836	0.8	10	20	9	Low Bay	150W HPSV	180	8	1.44	Manual	

		Hospital														
	ITI	Dua Hospital	Dua Hospital	1 Ph	1.836	0.8	10	20	9	Low Bay	40W FTL	55	12	0.66	Manual	
33	ITI	Kanhya Chowk	Kanhya Chowk	1 Ph	3.319	1.11	5.72	37	9	Low Bay	150W HPSV	180	14	2.52	Manual	
	ITI	Kanhya Chowk	Kanhya Chowk	1 Ph	3.319	1.11	5.72	37	9	Low Bay	40W FTL	55	23	1.265	Manual	
34	Sub.Divn .I	Gulab Nagar	Gulab Nagar	1 Ph	10.74	5.64	12	188	9	Low Bay	150W HPSV	180	8	1.44	Manual	
	Sub.Divn .I	Gulab Nagar	Gulab Nagar	1 Ph	10.74	5.64	12	188	9	Low Bay	40W FTL	55	180	9.9	Manual	
35	Sub.Divn .I	Camp Colony	Camp Colony	1 Ph	11.533	7.24	5	181	9	Low Bay	150W HPSV	180	20	3.6	Manual	
	Sub.Divn .I	Camp Colony	Camp Colony	1 Ph	11.533	7.24	5	181	9	Low Bay	40W FTL	55	161	8.855	Manual	
36	Sub.Divn .I	Veena Nagar	Veena Nagar	1 Ph	11.33	5.37	8	179	9	Low Bay	150W HPSV	180	19	3.42	Manual	
	Sub.Divn .I	Veena Nagar	Veena Nagar	1 Ph	11.33	5.37	8	179	9	Low Bay	40W FTL	55	160	8.8	Manual	
37	Sub.Divn .I	Old Hamida Colony	Old Hamida Colony	1 Ph	10.621	4.2	8	140	9	Low Bay	150W HPSV	180	33	5.94	Manual	
	Sub.Divn .I	Old Hamida Colony	Old Hamida Colony	1 Ph	10.621	4.2	8	140	9	Low Bay	40W FTL	55	107	5.885	Manual	
38	Sub.Divn .I	Anand Colony	Anand Colony	1 Ph	6.34	2.82	10	94	9	Low Bay	150W HPSV	180	14	2.52	Manual	
	Sub.Divn .I	Anand Colony	Anand Colony	1 Ph	6.34	2.82	10	94	9	Low Bay	40W FTL	55	80	4.4	Manual	
39	Sub.Divn .I	Khajoori Road	Khajoori Road	1 Ph	14.039	5.97	8	199	9	Low Bay	150W HPSV	180	36	6.48	Manual	
	Sub.Divn .I	Khajoori Road	Khajoori Road	1 Ph	14.039	5.97	8	199	9	Low Bay	40W FTL	55	163	8.965	Manual	
40	Sub.Divn .I	Patel Nagar	Patel Nagar	1 Ph	5.429	1.92	8	64	9	Low Bay	150W HPSV	180	21	3.78	Manual	
	Sub.Divn .I	Patel Nagar	Patel Nagar	1 Ph	5.429	1.92	8	64	9	Low Bay	40W FTL	55	43	2.365	Manual	
41	Sub.Divn .I	Kunwara Chatt	Kunwara Chatt	1 Ph	11.904	5.64	7	188	9	Low Bay	150W HPSV	180	20	3.6	Manual	
	Sub.Divn .I	Kunwara Chatt	Kunwara Chatt	1 Ph	11.904	5.64	7	188	9	Low Bay	40W FTL	55	168	9.24	Manual	
42	Sub.Divn .I	VishwaKarma Chowk	VishwaKarma Chowk	1 Ph						High Bay	400w HPSV	440	6	2.64	Manual	
43	Sub.Divn .I	Morni park	Morni park	1 Ph						Low Bay		0	0	0	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	C1	C2	C3	C4	D	$(A1 + A2 + B1 + B2) / 16 + (C1 + C2 + C3 + C4) / 8 + D / 4$	
1	Model Town	Shastri Colony	1 Ph	Shastrinagar		30	94	48	92	38	90	2	1	88	1	39.875	
2	Model Town	Shastri Colony	1 Ph	Shastrinagar		25	67	23	88	24	54	2	2	56	1	27.125	
3	Model Town	Shastri Colony	1 Ph	Shastrinagar		30	58	12	54	22	29	2	1	34	1	17.625	
4	Model Town	Chhata Mandir	1 Ph	Chhata Mandir		15	10	4	12	4	6	1	0	8	1	4	
5	Model Town	Chhata Mandir	1 Ph	Chhata Mandir		25	9	2	15	4	7	1	1	10	1	4.5	
6	Model Town	Chhata Mandir	1 Ph	Chhata Mandir		15	12	3	16	5	8	1	2	9	0	4.75	
7	Model Town	Prof. Colony, Govind Puri Road	1 Ph	Govind Puri Road		30	53	16	28	5	36	0	0	14	0	12.625	
8	Model Town	Prof. Colony, Govind Puri Road	1 Ph	Govind Puri Road		30	69	15	29	8	52	1	1	15	0	16.1875	
9	Model Town	Prof. Colony, Govind Puri Road	1 Ph	Govind Puri Road		30	22	12	18	5	18	1	1	10	0	7.3125	
10	Model Town	Madhur Colony	1 Ph	Madhur Colony		35	23	12	42	21	18	1	1	35	1	13.25	
11	Model Town	Madhur Colony	1 Ph	Madhur Colony		30	17	5	19	7	10	12	1	1	0	6	
12	Model Town	Madhur Colony	1 Ph	Madhur Colony		25	18	4	12	2	9	4	1	1	1	4.375	
13	Model Town	Civil Hospital	1 Ph	Civil Hospital		20	15	4	20	13	11	1	2	16	1	7.25	
14	Model Town	Civil Hospital	1 Ph	Civil Hospital		25	23	13	18	11	18	1	2	15	1	8.8125	
15	Model Town	Civil Hospital	1 Ph	Civil Hospital		20	16	5	9	2	12	1	2	6	0	4.625	
16	Model Town	Rampura	1 Ph	Rampura		30	5	2	10	4	4	0	1	8	1	3.1875	
17	Model Town	Rampura	1 Ph	Rampura			6	1	9	6	4	1	0	7	1	3.125	

18	Model Town	Rampura	1 Ph	Rampura		25	6	2	8	1	3	1	1	6	0	2.4375
19	Model Town	Rampura	1 Ph	Rampura		30	12	2	16	2	6	1	1	7	1	4.125
20	Model Town	Jindal power House	3 Ph	Jindal power House		35	1	0	3	1	1	0	0	2	0	0.6875
21	Model Town	Jindal power House	3 Ph	Jindal power House			2	0	1	0	1	0	0	1	0	0.4375
22	Model Town	Jindal power House	3 Ph	Mena Bazar		30	5	1	8	2	4	6	1	0	1	2.625
23	Model Town	Jindal power House	3 Ph	Workshop Road		30	2	0	2	1	1	0	1	1	0	0.6875
24	Model Town	Jindal power House	3 Ph	Workshop Road			5	2	10	4	4	0	1	8	1	3.1875
25	Model Town	Tagore Garden	1 Ph	Tagore Garden Opp. Bus Stand		30	8	2	10	4	4	0	1	8	1	3.375
26	Model Town	Tagore Garden	1 Ph	Tagore Garden Opp. Bus Stand		30	3	1	9	6	4	1	0	7	1	2.9375
27	Model Town	Tagore Garden	1 Ph	Tagore Garden Opp. Bus Stand		25	10	4	12	4	6	1	0	8	1	4
28	Model Town	Mela Singh chowk	1 Ph	Mela Singh Chowk		25	16	5	1	0	9	5	1	1	2	3.875
29	Model Town	Mela Singh chowk	1 Ph	Mela Singh Chowk		30	18	5	20	13	11	1	2	16	1	7.5
30	Model Town	Mela Singh chowk	1 Ph	Mela Singh Chowk		30	19	4	20	13	11	1	2	16	1	7.5
31	Model Town	Santpura road	1 Ph	Santpura Road		35	7	1	12	2	3	0	0	4	0	2.25
32	Model Town	Santpura road	1 Ph	Santpura Road		30	6	1	10	1	2	0	0	3	0	1.75
33	Model Town	Santpura road	1 Ph	Santpura Road		35	7	1	13	2	2	0	0	4	0	2.1875
34	Model Town	Attack Society	1 Ph	Attack Society Small Model Town		30	12	9	2	1	11	0	0	1	0	3
35	Model Town	Attack Society	1 Ph	Attack Society Small Model Town		30	11	6	2	0	12	0	0	0	1	2.9375
36	Model Town	Attack Society	1 Ph	Attack Society Small Model Town		35	17	7	10	3	10	1	0	7	1	4.8125
37	Model Town	Bhatia Nagar	1 Ph	Bhatia Colony		25	14	9	13	8	13	1	0	11	0	5.875

38	Model Town	Bhatia Nagar	1 Ph	Bhatia Colony		25	18	6	22	8	16	1	0	18	0	7.75
39	Model Town	Bhatia Nagar	1 Ph	Bhatia Colony		30	16	6	19	9	20	1	0	13	0	7.375
40	Model Town	Kapurwilla	1 Ph	Kapurwilla Model Town		30	3	1	4	2	2	0	0	2	0	1.125
41	Model Town	Kapurwilla	1 Ph	Kapurwilla Model Town		30	3	1	4	2	2	0	0	2	0	1.125
42	Model Town	Kapurwilla	1 Ph	Kapurwilla Model Town		30	23	11	22	10	20	1	0	19	1	9.375
43	Model Town	Sharma Garden	1 Ph	Mahindra Petrol Pump		40	13	9	8	4	11	1	0	6	1	4.625
44	Model Town	Sharma Garden	1 Ph	Mahindra Petrol Pump		30	9	4	8	4	6	1	1	5	1	3.4375
45	Model Town	Sharma Garden	1 Ph	Mahindra Petrol Pump		30	8	1	6	1	5	3	1	0	1	2.375
46	Model Town	Ramnagar	1 Ph	Near Kanya singh chowk		30	6	1	7	1	5	2	1	0	1	2.1875
47	Model Town	Ramnagar	1 Ph	Near Kanya singh chowk		35	3	2	4	2	2	1	0	3	0	1.4375
48	Model Town	Ramnagar	1 Ph	Near Kanya singh chowk		15	40	23	36	20	32	5	4	30	4	17.3125
49	Model Town	Attack Society	1 Ph	Govt. School		30	7	2	9	2	6	3	1	1	1	2.875
50	Model Town	Attack Society	1 Ph	Govt. School		30	14	4	13	2	11	7	1	0	1	4.6875
51	Model Town	Attack Society	1 Ph	Govt. School		30	5	0	7	1	2	0	0	4	0	1.5625
52	Model Town	Attack Society	1 Ph	Prem Nagar		30	15	2	18	3	21	2	1	1	1	5.75
53	Model Town	Attack Society	1 Ph	Prem Nagar		25	6	1	5	1	3	2	0	0	0	1.4375
54	Model Town	Attack Society	1 Ph	Prem Nagar		30	12	2	14	3	9	9	1	0	0	4.3125
55	Model Town	Chhata Mandir Road	1 Ph	Chhata Mandir road		35	23	10	28	8	15	3	2	18	2	9.5625
56	Model Town	Chhata Mandir Road	1 Ph	Chhata Mandir road		30	11	1	16	1	5	6	1	0	1	3.5625
57	Model Town	Chhata Mandir Road	1 Ph	Chhata Mandir road		30	9	2	8	1	5	1	0	4	0	2.5
58	Industrial Area	Dash Mash Colony	1 Ph	Dash Mash Colony		15	15	9	21	15	14	0	1	18	1	8.125
59	Industrial Area	Dash Mash Colony	1 Ph	Dash Mash Colony		30	12	2	15	3	6	5	1	0	1	3.75
60	Industrial Area	Dash Mash Colony	1 Ph	Dash Mash Colony		35	15	3	17	4	8	6	1	0	1	4.5625
61	Industrial Area	Tanga Stand Near Agarsan Chowk	1 Ph	Tanga Stand Near Agarsan		30	12	6	14	6	10	1	0	10	1	5.25

				Chowk												
62	Industrial Area	Tanga Stand Near Agarsan Chowk	1 Ph	Tanga Stand Near Agarsan Chowk		30	12	2	10	1	8	1	0	6	1	3.6875
63	Industrial Area	Tanga Stand Near Agarsan Chowk	1 Ph	Tanga Stand Near Agarsan Chowk		30	12	4	17	4	4	1	0	2	1	3.4375
64	Industrial Area	Opp. Jindal House	1 Ph	Opp. Jindal House		30	19	4	15	3	8	1	1	5	2	4.9375
65	Industrial Area	Opp. Jindal House	1 Ph	Opp. Jindal House		35	18	2	16	2	12	1	0	6	1	5
66	Industrial Area	Opp. Jindal House	1 Ph	Opp. Jindal House		30	20	4	16	1	15	10	1	0	0	5.8125
67	Industrial Area	Chandpura	1 Ph	Chandpura		25	8	1	12	2	6	8	1	0	0	3.3125
68	Industrial Area	Chandpura	1 Ph	Chandpura		25	10	3	16	5	5	6	1	0	1	3.875
69	Industrial Area	Chandpura	1 Ph	Chandpura		30	12	3	18	3	5	6	1	0	1	4
70	Industrial Area	Chandpura 66KVA	1 Ph	Chandpura 66KVA		30	3	2	2	1	2	0	0	2	0	1
71	Industrial Area	Chandpura 66KVA	1 Ph	Chandpura 66KVA		30	14	8	17	4	12	11	1	0	1	5.9375
72	Industrial Area	Chandpura 66KVA	1 Ph	Chandpura 66KVA		30	17	6	15	5	13	1	0	12	0	5.9375
73	Industrial Area	ITI Chowk	1 Ph	ITI Chowk		35	18	2	16	2	12	1	0	6	1	5
74	Industrial Area	ITI Chowk	1 Ph	ITI Chowk		30	12	2	9	3	4	1	2	5	1	3.375
75	Industrial Area	ITI Chowk	1 Ph	ITI Chowk		30	15	4	14	2	9	8	1	0	1	4.6875
76	Industrial Area	Bus Stand	1 Ph	Bus Stand		35	64	20	24	2	36	3	1	7	2	13.25
77	Industrial Area	Bus Stand	1 Ph	Bus Stand			50	12	22	8	36	9	2	15	4	14.5
78	Industrial Area	Bus Stand	1 Ph	Bus Stand		30	11	4	13	4	6	8	1	0	1	4.125
79	Industrial Area	Bus Stand	1 Ph	Bus Stand		25	10	3	16	5	5	6	1	0	1	3.875
80	Industrial Area	Bye Pass	1 Ph	Bye Pass		25	18	8	16	6	12	13	1	0	1	6.5

81	Industrial Area	Bye Pass	1 Ph	Bye Pass		25	19	9	15	6	14	12	1	0	1	6.6875
82	Industrial Area	Bye Pass	1 Ph	Bye Pass		30	18	8	16	7	13	12	1	0	1	6.5625
83	Industrial Area	Key Iron Works	1 Ph	Key Iron Works												0
84	Industrial Area	Key Iron Works	1 Ph	Key Iron Works												0
85	Industrial Area	Key Iron Works	1 Ph	Key Iron Works												0
86	ITI	Sanjay Colony	1 Ph	Sanjay Colony												0
87	ITI	Sanjay Colony	1 Ph	Sanjay Colony												0
88	ITI	Sanjay Colony	1 Ph	Sanjay Colony												0
89	ITI	Kansa pura Road	1 Ph	Kansa pura Road		25	15	10	4	12	4	6	1	0	8	5.9375
90	ITI	Kansa pura Road	1 Ph	Kansa pura Road		30	17	8	18	6	12	1	0	13	1	6.5625
91	ITI	Kansa pura Road	1 Ph	Kansa pura Road		30	8	2	12	1	5	3	1	0	1	2.8125
92	ITI	Dua Hospital	1 Ph	Dua Hospital		30	6	2	17	1	5	2	1	0	1	2.875
93	ITI	Dua Hospital	1 Ph	Dua Hospital		30	7	2	18	2	6	3	1	1	1	3.4375
94	ITI	Dua Hospital	1 Ph	Dua Hospital		30	14	4	13	2	11	7	1	0	1	4.6875
95	ITI	Kanhya Chowk	1 Ph	Kanhya Chowk		25	30	8	25	10	16	20	4	2	2	10.3125
96	ITI	Kanhya Chowk	1 Ph	Kanhya Chowk		30	5	2	9	3	4	1	2	5	1	2.9375
97	ITI	Kanhya Chowk	1 Ph	Kanhya Chowk		30	5	1	8	1	2	0	0	4	0	1.6875
98	Sub.Divn. I	Gulab Nagar	1 Ph	Gulab Nagar		30	19	14	20	16	21	1	0	21	0	9.6875
99	Sub.Divn. I	Gulab Nagar	1 Ph	Gulab Nagar		25	6	0	4	0	3	0	0	1	0	1.125
100	Sub.Divn. I	Gulab Nagar	1 Ph	Gulab Nagar		25	5	0	4	1	3	0	0	1	0	1.125
101	Sub.Divn. I	Camp Colony	1 Ph	Camp Colony		30	7	1	6	1	4	0	0	1	0	1.5625
102	Sub.Divn. I	Camp Colony	1 Ph	Camp Colony		30	6	1	6	1	3	0	0	1	0	1.375
103	Sub.Divn. I	Camp Colony	1 Ph	Camp Colony		25	6	1	5	1	4	0	0	1	0	1.4375
104	Sub.Divn. I	Veena Nagar	1 Ph	Veena Nagar		30	12	1	8	1	5	3	1	0	1	2.75
105	Sub.Divn. I	Veena Nagar	1 Ph	Veena Nagar		30	10	1	9	1	5	2	1	0	1	2.5625
106	Sub.Divn. I	Veena Nagar	1 Ph	Veena Nagar		30	8	2	8	2	6	3	1	1	1	2.875
107	Sub.Divn. I	Old Hamida Colony	1 Ph	Old Hamida Colony		30	8	2	12	2	7	6	0	9	0	4.25
108	Sub.Divn. I	Old Hamida Colony	1 Ph	Old Hamida Colony		30	18	4	17	2	11	7	1	0	1	5.1875
109	Sub.Divn. I	Old Hamida	1 Ph	Old Hamida		30	12	0	7	1	2	0	0	4	0	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)		Avg. Illumination (Lux)	kWh / Annum / lux	kWh / Annum / kW _{installed}
							(365 days x Avg. Operating Hours x kW measured)	(From Utility Bills)			
1	Model Town	Shastri Colony	B1	12.978	1.094	0.9157	4392.41		28.21	155.704	338.45
2	Model Town	Chhata Mandir	B2	7.596	0.05	0.99342	200.75		4.5	44.6111	26.4284
3	Model Town	Prof. Colony, Govind Puri Road	B1	13.212	0.455	0.96556	1826.825		12.15	150.356	138.27
4	Model Town	Madhur Colony	B1	12.24	1.2	0.90196	4818		7.85	613.758	393.627
5	Model Town	Civil Hospital	B1	14.382	3.274	0.77235	13145.11		6.73	1953.21	913.997
6	Model Town	Rampura	B2	9.594	1.225	0.87232	4918.375		5.53	889.399	512.651
7	Model Town	Jindal power House	B1	9.54	3.66	0.61635	14694.9		0.68	21610.1	1540.35
8	Model Town	Jindal power House	B1	4.824	0.571	0.88163	2292.565		2.63	871.698	475.242
9	Model Town	Jindal power House	B1	8.802	3.376	0.61645	13554.64		3.19	4249.1	1539.95
10	Model Town	Tagore Garden		16.65	5.53	0.66787	22202.95		3.44	6454.35	1333.51
11	Model Town	Mela Singh chowk	B1	5.976	0.4	0.93307	1606		6.29	255.326	268.742
12	Model Town	Santpura road	B1	16.362	1.49	0.90894	5982.35		2.06	2904.05	365.625
13	Model Town	Attack Society	B1	16.92	1.213	0.92831	4870.195		3.58	1360.39	287.837
14	Model Town	Bhatia Nagar	B1	13.932	0.72	0.94832	2890.8		7	412.971	207.494
15	Model Town	Kapurwilla	B2	16.704	0.571	0.96582	2292.565		3.88	590.867	137.246
16	Model Town	Sharma Garden	B2	8.604	1.796	0.79126	7210.94		3.48	2072.11	838.092
17	Model Town	Ramnagar	B1	8.496	0.42	0.95056	1686.3		6.98	241.59	198.482
18	Model Town	Attack Society Govt. School	B1	6.282	1.45	0.76918	5821.75		3.04	1915.05	926.735
19	Model Town	Attack Society Prem	B1	27.396	2.01	0.92663	8070.15		3.83	2107.09	294.574

		Nagar									
20	Model Town	Chhata Mandir Road	B1	7.002	0.105	0.985	421.575		5.04	83.6458	60.2078
21	Industrial Area	Dash Mash Colony	B2	12.366	0.92	0.9256	3693.8		5.48	674.051	298.706
22	Industrial Area	Tanga Stand Near Agarsan Chowk	B2	19.458	4.6	0.76359	18469		4.13	4471.91	949.173
23	Industrial Area	Opp. Jindal House	B1	16.416	0.54	0.96711	2168.1		5.25	412.971	132.072
24	Industrial Area	Chandpura	B1	5.544	0.506	0.90873	2031.59		3.73	544.662	366.448
25	Industrial Area	Chandpura 66KVA	B1	0.36	0.8	-1.2222	3212		4.27	752.225	8922.22
26	Industrial Area	ITI Chowk	B1	6.3	0.722	0.8854	2898.83		4.36	664.869	460.132
27	Industrial Area	Bus Stand	A2	18.9	5.45	0.71164	21881.75		8.94	2447.62	1157.76
28	Industrial Area	Bye Pass	A2	17.226	4.55	0.73586	18268.25		6.58	2776.33	1060.5
29	Industrial Area	Key Iron Works		0		0	0		0	0	0
30	ITI	Sanjay Colony		0		0	0		0	0	0
31	ITI	Kansa pura Road	B1	4.32	4.905	-0.1354	19693.57		5.09	3869.07	4558.7
32	ITI	Dua Hospital	B1	2.088	3.13	-0.499	12566.95		3.67	3424.24	6018.65
33	ITI	Kanhya Chowk	B1	3.762	0.08	0.97873	321.2		4.98	64.498	85.3801
34	Sub.Divn. I	Gulab Nagar	B2	11.16	2.855	0.74418	11462.82		3.98	2880.11	1027.13
35	Sub.Divn. I	Camp Colony	B2	12.294	1.126	0.90841	4520.89		1.46	3096.5	367.731
36	Sub.Divn. I	Veena Nagar	B2	12.06	1.72	0.85738	6905.8		2.73	2529.6	572.62
37	Sub.Divn. I	Old Hamida Colony	B1	11.718	0.176	0.98498	706.64		3.81	185.47	60.3038
38	Sub.Divn. I	Anand Colony	B1	6.84	4.01	0.41374	16100.15		3.04	5296.1	2353.82
39	Sub.Divn. I	Khajoori Road	B1	15.282		1	0		5.92	0	0
40	Sub.Divn. I	Patel Nagar	B1	6.102	0.64	0.89512	2569.6		4.17	616.211	421.108
41	Sub.Divn. I	Kunwara Chatt	B1	12.672	2.549	0.79885	10234.23		6.14	1666.81	807.626
42	Sub.Divn. I	VishwaKarma Chowk		2.7		1	0				
43	Sub.Divn. I	Morni park		0			0				

Appendix B/3/4

Switching Point wise Monthly Energy Bill Summary

Switching (Metering) Point / Location	Consumer No.	Year	Month	Units consumed (kWh)	Avg. PF	Amount (Rs.)
Model Town	SL- 4	2008	Oct	1271		6007
Model Town	SL- 4A	2008	Oct	400		1904
Model Town	SL- 8A	2008	Oct	800		3788
Model Town	SL-13	2008	Oct	2034		9680
Model Town	SL-9	2008	Oct	1631		7781
Model Town	SL-9A	2008	Oct	433		2060
Model Town	SL-8	2008	Oct	480		7198
Model Town	SL-8C	2008	Oct	642		3044
Model Town	SL-10	2008	Oct	1167		5597
Model Town	SL-10A	2008	Oct	400		2760
Model Town	SL-6	2008	Oct	1090		5131
Model Town	SL-8D	2008	Oct	1856		8762
Model Town	SL-6A	2008	Oct	2000		9440
Model Town	SL-9B	2008	Oct	1199		5667
Model Town	SL-14	2008	Oct	2340		11041
Model Town	SL-6B	2008	Oct	2016		9515
Model Town	SL-6C	2008	Oct	100		780
Model Town	SL-4B	2008	Oct	700		3317
Industrial Area	SL-1	2008	Apr	5000		
Industrial Area	SL-2	2008	Apr	5000		
Industrial Area	SL-3	2008	Apr	5000		
Industrial Area	SL-4	2008	Apr	5000		
Industrial Area	SL-5	2008	Apr	5000		
Industrial Area	SL-6	2008	Apr	5000		
Industrial Area	SL-7	2008	Apr	5000		
Industrial Area	SL-8	2008	Apr	5000		
Industrial Area	SL-9	2008	Apr	5000		
ITI	SL-5	2008	Apr	1260		
ITI	SL-5	2008	May	1296		
ITI	SL-5	2008	Jun	1920		
ITI	SL-5	2008	Jul	1920		
ITI	SL-5	2008	Oct	1920		
ITI	SL-12	2008	Apr	2640		
ITI	SL-12	2008	May	588		
ITI	SL-12	2008	Jun	1170		
ITI	SL-12	2008	Jul	1170		
ITI	SL-12	2008	Oct	1130		
ITI	SL-5B	2008	Apr	1000		
ITI	SL-5B	2008	May	1000		
ITI	SL-5B	2008	Jun	1000		
ITI	SL-5B	2008	Jul	1000		

ITI	SL-5B	2008	Oct	1000		
ITI	SL-5C	2008	Apr	1000		
ITI	SL-5C	2008	May	1000		
ITI	SL-5C	2008	Jun	1000		
ITI	SL-5C	2008	Jul	1000		
ITI	SL-5C	2008	Oct	1000		
Sub.Divn. I	SL-2	2008	Apr	738		
Sub.Divn. I	SL-3	2008	Apr	5616		
Sub.Divn. I	SL-6	2008	Apr	2495		
Sub.Divn. I	SL-5	2008	Apr	1944		
Sub.Divn. I	SL-7	2008	Apr	1500		
Sub.Divn. I	SL-8	2008	Apr	3168		
Sub.Divn. I	SL-9	2008	Apr	6800		
Sub.Divn. I	SL-10	2008	Apr	3249		
Sub.Divn. I	SL-11	2008	Apr	1000		
Sub.Divn. I	SL-12	2008	Apr	1872		

Appendix B/4/1

Municipal Buildings

Sl. No.	Parameter Description	UOM	Site No. 1
			Municiple Committee
A	Location / Address		Municipal Committee Jagadhgri Road Yamunanagar
B	No. of Floors (Including Ground Floor)	No.	2
C	Total Built-up Floor Area (Square Mtrs.)	Sq. Mtr.	2200
D	Conditioned Floor Area (as % of Total Builtup Floor Area)	%	0
E	Total Connected load of the individual Buildings		11.358
F	Energy Metering		3 phase
F.1	No. of HT Connections (Energy Meters)	No.	NA
F.2	No. of 3 Phase LT Connections (Energy Meters)	No.	1
F.3	No. of Single Phase LT Connections (Energy Meters)	No.	NA
F.4	Electricity Consumption in the selected Buildings - Monthly Average KWh for the last one year of the bill collected. (Total Annual kWh / 12)		1755.08
F.5	Maximum Demand of the individual Buildings-Monthly Average in KVA for the last one year of the bill collected.		6
F.6	Annual Energy Bill (Rs)	Rs.	1,01,355
F.7	Monthly Average Energy Bill (Rs)	Rs.	8446.25

	(=F.6 / 12)		
G	Emergency Supply		
G.1	No. of DG Sets or other Sources	Nos.	1
G.2	Capacity of DG Sets or other Sources	kVA	15
G.3	Fuel Used (eg. HSD, LDO, FO)		NA
G.4	Annual Fuel Consumption	Kg.	NA
H	Energy Cost (Rs. / Unit)		NA
H.1	Utility Energy Cost	Rs.	
H.2	Captive Energy Cost (DG Sets)	Rs.	
I	EPI(Energy Performance Index) - Energy includes electricity purchased and generated	kWh / sqm / year	9.573
J	Annual Maintenance Cost (Rs)		NA
J.1	Material	Rs.	NA
J.2	Labour	Rs.	NA
K	Operating Details		
K.1	Total No. of Occupants (Approx.)	No.	50
K.2	Avg. No. of Occupants during Working Hours	No.	50
K.3	Annual Working Days	No. of Days	240
K.4	Daily Operating Hours	from ___ hrs. to ___ hrs.	9:00am to 5:00 pm, 8hrs.
L	Remarks		Eg. Building is at a dist. of 5 Km from Nehru Nagar Square

Appendix B/4/2

Municipal Buildings – Inventory of Energy Consuming Appliances

Building Name & Location / Address:					Municiple Committee				
Sr. No.	Floor	Location / Room Description	Appliance Category	Appliance	Capacity	Wattage (W)	No. of Appliances	Working Hours	Installed Load (kW)
					(Mention Value and Units eg. 2 TR for Window AC, Lit for Geysers etc.)				
1	0	Executive Officer	Lighting	3X36 FTL	150	150	2	8	0.3
2	0	Executive Officer	Lighting	8W DL	8	8	4	8	0.032
3	0	Executive Officer	Lighting	23 W CFL	23	23	1	8	0.023
4	0	Executive Officer	Fans/Exhaust Fans	Ceiling Fan	80	80	1	8	0.08
5	0	Executive Officer	Fans/Exhaust Fans	Wall Fan	50	50	1	8	0.05
6	0	Executive Officer	Fans/Exhaust Fans	Exhaust Fan	50	50	1	8	0.05
7	0	Gallery	Lighting	28T5	30	30	1	8	0.03
8	0	Gallery	Fans/Exhaust Fans	Exhaust Fan	50	50	1	8	0.05
9	0	Bathroom	Lighting	28T5	30	30	1	8	0.03
10	0	Bathroom	Fans/Exhaust Fans	Exhaust Fan	50	50	1	8	0.05
11	0	Pardan Room	Lighting	3X36 FTL	150	150	2	8	0.3
12	0	Pardan Room	Lighting	8W DL	8	8	4	8	0.032
13	0	Pardan Room	Fans/Exhaust Fans	Ceiling Fan	80	80	1	8	0.08
14	0	Pardan Room	Fans/Exhaust Fans	Wall Fan	50	50	1	8	0.05
15	0	Pardan Room	Fans/Exhaust Fans	Exhaust Fan	50	50	1	8	0.05

16	0	Room No. 10	Lighting	28T5	30	30	2	8	0.06
17	0	Room No. 10	Lighting	23W CFL	23	23	1	8	0.023
18	0	Room No. 10	Fans/Exhaust Fans	Ceiling Fan	80	80	1	8	0.08
19	0	Room No. 10	cooler	cooler	130	130	1	8	0.13
20	0	Room No. 3	Lighting	28T5	30	30	1	8	0.03
21	0	Room No. 3	Lighting	23W CFL	23	23	1	8	0.023
22	0	Room No. 3	Fans/Exhaust Fans	Ceiling Fan	80	80	1	8	0.08
23	0	Room No. 3	Computer	Computer	220	220	1	8	0.22
24	0	Room No. 4	Lighting	28T5	30	30	1	8	0.03
25	0	Room No. 4	Fans/Exhaust Fans	Ceiling Fan	80	80	1	8	0.08
26	0	Room No.5	Lighting	28T5	30	30	1	8	0.03
27	0	Room No.5	Fans/Exhaust Fans	Ceiling Fan	80	80	1	8	0.08
28	0	RoomNo. 6	Lighting	28T5	30	30	2	8	0.06
29	0	RoomNo. 6	Fans/Exhaust Fans	Ceiling Fan	80	80	1	8	0.08
30	0	RoomNo. 6	Other Appliances	Cooler	130	130	1	8	0.13
31	0	RoomNo. 6	Other Appliances	Computer	220	220	1	8	0.22
32	0	Room No.7(M.E.)	Lighting	28T5	30	30	2	8	0.06
33	0	Room No.7(M.E.)	Fans/Exhaust Fans	Ceiling Fan	80	80	1	8	0.08
34	0	Room No.7(M.E.)	Fans/Exhaust Fans	Wall Fan	50	50	1	8	0.05
35	0	Bathroom	Lighting	15W CFL	15	15	1	8	0.015
36	0	Bathroom	Fans/Exhaust Fans	Exhaust Fan	50	50	1	8	0.05
37	0	Computer Room	Lighting	28T5	30	30	2	8	0.06
38	0	Computer Room	Fans/Exhaust Fans	Ceiling Fan	80	80	1	8	0.08
39	0	Room No.8	Lighting	28T5	30	30	2	8	0.06
40	0	Room No.8	Fans/Exhaust Fans	Ceiling Fan	80	80	1	8	0.08
41	0	Room No.9	Lighting	28T5	30	30	1	8	0.03
42	0	Room No.9	Fans/Exhaust Fans	Ceiling Fan	80	80	1	8	0.08
43	0	Room No.11	Lighting	28T5	30	30	1	8	0.03
44	0	Room No.11	Fans/Exhaust Fans	Ceiling Fan	80	80	1	8	0.08

45	0	Room No.26	Lighting	28T5	30	30	5	8	0.15
46	0	Room No.26	Lighting	30WDL	45	45	3	8	0.135
47	0	Room No.26	Fans/Exhaust Fans	Ceiling Fan	80	80	7	8	0.56
48	1	Safai Bivhak	Lighting	28T5	30	30	3	8	0.09
49	1	Safai Bivhak	Lighting	30W CFL	30	30	1	8	0.03
50	1	Safai Bivhak	Fans/Exhaust Fans	Ceiling Fan	80	80	3	8	0.24
51	1	RoomNo.22	Lighting	28T5	30	30	2	8	0.06
52	1	RoomNo.22	Lighting	200W GLS	200	200	1	8	0.2
53	1	RoomNo.22	Fans/Exhaust Fans	Ceiling Fan	80	80	1	8	0.08
54	1	RoomNo. 23	Lighting	28T5	30	30	4	8	0.12
55	1	RoomNo. 23	Lighting	200W GLS	200	200	1	8	0.2
56	1	RoomNo. 23	Fans/Exhaust Fans	Ceiling Fan	80	80	3	8	0.24
57	1	RoomNo. 23	Fans/Exhaust Fans	Exhaust Fan	50	50	1	8	0.05
58	1	Document Room	Lighting	1X40	53	53	1	8	0.053
59	1	Document Room	Fans/Exhaust Fans	Ceiling Fan	80	80	1	8	0.08
60	1	Document Room	Other Appliances	Computer	220	220	1	8	0.22
61	1	Tax Room	Lighting	28T5	30	30	1	8	0.03
62	1	Tax Room	Lighting	100W GLS	100	100	1	8	0.1
63	1	Tax Room	Fans/Exhaust Fans	Ceiling Fan	80	80	1	8	0.08
64	1	Committee Audit	Lighting	28T5	30	30	2	8	0.06
65	1	Committee Audit	Fans/Exhaust Fans	Ceiling Fan	80	80	1	8	0.08
66	1	Committee Audit	Fans/Exhaust Fans	Wall Fan	50	50	1	8	0.05
67	1	Committee Audit	Fans/Exhaust Fans	Exhaust Fan	50	50	1	8	0.05
68	1	Audit Officer	Lighting	28T5	30	30	2	8	0.06
69	1	Audit Officer	Lighting	20W CFL	20	20	1	8	0.02
70	1	Audit Officer	Fans/Exhaust Fans	Ceiling Fan	80	80	1	8	0.08
71	1	RoomNo.25	Lighting	28T5	30	30	2	8	0.06
72	1	RoomNo.25	Fans/Exhaust Fans	Ceiling Fan	80	80	2	8	0.16
73	1	Union Room	Fans/Exhaust Fans	Ceiling Fan	80	80	1	8	0.08

74	1	Union Room	Lighting	100W GLS	100	100	1	8	0.1
75	0	Visiting Room	Lighting	1X40	53	53	1	8	0.053
76	0	Visiting Room	Fans/Exhaust Fans	Ceiling Fan	80	80	2	8	0.16
77	1	JE Vaccination	Lighting	28T5	30	30	1	8	0.03
78	1	Store Room	Lighting	1X40	53	53	1	8	0.053
79	1	Store Room	Lighting	28T5	30	30	1	8	0.03
80	1	Store Room	Fans/Exhaust Fans	Ceiling Fan	80	80	1	8	0.08
81	1	Record Room	Lighting	28T5	30	30	1	8	0.03
82	1	Record Room	Lighting	20W CFL	20	20	1	8	0.02
83	1	Record Room	Fans/Exhaust Fans	Ceiling Fan	80	80	1	8	0.08
84	1	Side Room	Lighting	28T5	30	30	1	8	0.03
85	1	Side Room	Fans/Exhaust Fans	Ceiling Fan	80	80	1	8	0.08
86	1	Secretary	Lighting	28T5	30	30	3	8	0.09
87	1	Secretary	Fans/Exhaust Fans	Ceiling Fan	80	80	1	8	0.08
88	1	Secretary	Fans/Exhaust Fans	Wall Fan	50	50	1	8	0.05
89	1	Secretary	Fans/Exhaust Fans	Exhaust Fan	50	50	1	8	0.05
90	1	Secretary	Other Appliances	cooler	130	130	1	8	0.13
91	1	Bathroom	Lighting	100W GLS	100	100	1	8	0.1
92	1	Street Light Departure Room	Lighting	28T5	30	30	2	8	0.06
93	1	Street Light Departure Room	Lighting	2X40	106	106	1	8	0.106
94	1	Street Light Departure Room	Fans/Exhaust Fans	Ceiling Fan	80	80	2	8	0.16
95	1	Room No.15	Lighting	28T5	30	30	2	8	0.06
96	1	Room No.15	Fans/Exhaust Fans	Ceiling Fan	80	80	1	8	0.08
97	1	Gallery	Fans/Exhaust Fans	Ceiling Fan	80	80	1	8	0.08
98	1	Stairs	Lighting	28T5	30	30	1	8	0.03
99	0	Outdoor	Lighting	2X36	86	86	2	8	0.172
100	0	Outdoor	Lighting	150W sodium	200	200	1	8	0.2
101	0	Outdoor	Lighting	1X40	53	53	1	8	0.053
102	0	Outdoor	Lighting	100W GLS	100	100	2	8	0.2

103	0	Outdoor	Fans/Exhaust Fans	Ceiling Fan	80	80	1	8	0.08
104	0	Outdoor	Other Appliances	cooler	130	130	1	8	0.13
105	0	Outdoor	Other Appliances	freidge	165	365	1	8	0.365
106	0	Hall	Lighting	28T5	30	30	10	8	0.3
107	0	Hall	Fans/Exhaust Fans	Ceiling Fan	80	80	10	8	0.8
108	0	Entrance	Lighting	28T5	30	30	4	8	0.12
109	0	Entrance	Fans/Exhaust Fans	Ceiling Fan	80	80	1	8	0.08
110	0	Entrance	Other Appliances	water Cooler	300	300	1	8	0.3

Appendix B/4/3						
Municipal Buildings – Energy Bill Summary						
(LT Supply)						
Name & Location:	Municiple committee			Consumer No.:	Y.A.17-1070 X-C	
Consumer No.:	Y.A.17-1070 X-C			ContractDemand:	6	KVA
Month & Year	Units consumed (kWh)	Actual demand (kVA)	Billing demand (kVA)	P.F.	Billing amount (Rs.)	PF Penalty / Incentive (Rs.)
May-08	3520		6		16690	
Jul-08	3709		6		17880	

Sep-08	3005		6		14494	
Nov-08	2327		6		11233	
Jan-09	3217		6		15514	
Mar-09	2686		6		12960	
May-09	4112		6		19819	
Jul-09	4151		6		20006	
Sep-09	4864		6		23436	