

## Appendix B/3/1

Sl. 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.)
				kW	kM	m	No.	m			W	No.	kW	
1	GT Road Pole no 1	GT Road Pole no 1	1 Phase	1.90	0.12	9.00	8	9.00	HighBay	HPSV 250 W	290	8	2.3	Manual
2	GT Road Pole no 5	GT Road Pole no 5	1 Phase	1.86	0.30	9.00	3	9.00	High Bay	HPSV 250 W	290	16	4.6	Manual
3	GT Road Pole no 13	GT Road Pole no 13	1 Phase	3.11	0.30	9.00	5	9.00	High Bay	HPSV 250 W	290	10	2.9	Manual
4	GT Road Pole no 18	GT Road Pole no 18	1 Phase	2.20	0.12	9.00	2	9.00	High Bay	HPSV 250 W	290	8	2.3	Manual
5	GT Road Pole no 20	GT Road Pole no 20	1 Phase	1.77	0.09	9.00	6	9.00	High Bay	HPSV 250 W	290	6	1.7	Manual
6	GT Road Pole no 25	GT Road Pole no 25	1 Phase	1.17	0.20	9.00	2	9.00	High Bay	HPSV 250 W	290	6	1.7	Manual
7	GT Road Pole no 28	GT Road Pole no 28	1 Phase	2.11	0.06	9.00	5	9.00	High Bay	HPSV 250 W	290	12	3.5	Manual
8	GT Road Pole no 34	GT Road Pole no 34	1 Phase	1.16	0.15	9.00	3	9.00	High Bay	HPSV 250 W	290	4	1.2	Manual
9	GT Road Pole no 36	GT Road Pole no 36	1 Phase	0.90	0.09	9.00	5	9.00	High Bay	HPSV 250 W	290	10	2.9	Manual
10	GT Road Pole no 41	GT Road Pole no 41	1 Phase	1.33	0.38	9.00	3	9.00	High Bay	HPSV 250 W	290	6	1.7	Manual

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				kW	kM	m	No.	m			W	No.	kW	
11	Ratiya Road	Ratiya Road	1 Phase	15.50	1.86	9.00	62	7.00	High Bay	HPSV 250 W	290	62	18	Manual
12	Bhatto Rd Pole no 1	Bhatto Rd Pole no 1	1 Phase	4.98	1.87	9.00	9	9.00	High Bay	HPSV 250 W	290	18	5.2	Manual
13	Bhatto Rd Pole no 10	Bhatto Rd Pole no 10	1 Phase	4.85	0.80	9.00	8	9.00	High Bay	HPSV 250 W	290	15	4.4	Manual
14	Bhatto Rd Pole no 18	Bhatto Rd Pole no 18	1 Phase	1.96	1.06	9.00	9	9.00	High Bay	HPSV 250 W	290	17	4.9	Manual
15	Bhatto Rd Pole no 27	Bhatto Rd Pole no 27	1 Phase	1.96	0.30	9.00	3	9.00	High Bay	HPSV 250 W	290	6	1.7	Manual
16	Auto Bazar Pole no 1	Auto Bazar Pole no 1	1 Phase	0.50	0.45	7.00	4	7.00	High Bay	HPSV 250 W	290	8	2.3	Manual
17	Auto Bazar Pole no 5	Auto Bazar Pole no 5	1 Phase	0.68	0.47	7.00	4	7.00	High Bay	HPSV 250 W	290	8	2.3	Manual
18	Auto Bazar Pole no 9	Auto Bazar Pole no 9	1 Phase	0.72	0.40	7.00	4	7.00	High Bay	HPSV 250 W	290	8	2.3	Manual
19	Auto Bazar Pole no 13	Auto Bazar Pole no 13	1 Phase	1.08	0.27	7.00	2	7.00	High Bay	HPSV 250 W	290	4	1.2	Manual
20	Near Nagear Parishad	Near Nagear Parishad	1 Phase	3.40	0.70	7.00	17	7.00	High Bay	HPSV 250 W	290	8	2.3	Manual
21	Near Nagear Parishad	Near Nagear Parishad							High Bay	HPSV 150 W		9	0	Manual
22	Jawahar Chowk Road	Jawahar Chowk Road	1 Phase	1.09	0.70	7.00	7	7.00	High Bay				0	Manual

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				kW	kM	m	No.	m			W	No.	kW	
23	Hansa Mkt	Hansa Mkt	1 Phase	1.00	0.50	7.00	5	7.00	High Bay	HPSV 250 W	290	4	1.2	Manual
24	Hansa Mkt	Hansa Mkt							Low Bay	FTL T 12 W	54	1	0.1	Manual
25	Palika Bazar	Palika Bazar	1 Phase	0.20	0.50	7.00	5	7.00	Low Bay	FTL T 12 W	54	5	0.3	Manual
26	Thana Road	Thana Road	1 Phase	2.20	1.80	7.00	18	7.00	Low Bay	HPSV 250 W	290	7	2	Manual
27	Thana Road	Thana Road							Low Bay	FTL T 12 W	54	11	0.6	Manual
28	Thana to Jawahar Chowk	Thana to Jawahar Chowk	1 Phase	4.40	2.28	7.00	22	7.00	Low Bay	HPSV 250 W	290	17	4.9	Manual
29	Thana to Jawahar Chowk	Thana to Jawahar Chowk							Low Bay	FTL T 12 W	54	3	0.2	Manual
30	Bhima Basti to Jawahar Chowk	Bhima Basti to Jawahar Chowk	1 Phase	2.10	1.40	7.00	14	7.00	Low Bay	HPSV 250 W	290	7	2	Manual
31	Bhima Basti to Jawahar Chowk	Bhima Basti to Jawahar Chowk							Low Bay	HPSV 150 W	180	1	0.2	Manual
32	Bhima Basti to Jawahar Chowk	Bhima Basti to Jawahar Chowk							Low Bay	FTL T 12 W	54	5	0.3	Manual

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				kW	kM	m	No.	m			W	No.	kW	
33	Bhima Basti to Jawahar Chowk	Bhima Basti to Jawahar Chowk							Low Bay	CFL 36 W	45	1	0	Manual
34	Sanyash ashram	Sanyash ashram	1 Phase	1.90	1.20	7.00	12	7.00	Low Bay	HPSV 250 W	290	7	2	Manual
35	Sanyash ashram	Sanyash ashram							Low Bay	FTL T 12 W	54	3	0.2	Manual
36	Sanyash ashram	Sanyash ashram							Low Bay	CFL 36 W	45	2	0.1	Manual
37	Gopi Dharamshala	Gopi Dharamshala	1 Phase	3.30	3.58	7.00	35	7.00	Low Bay	HPSV 250 W	290	9	2.6	Manual
38	Gopi Dharamshala	Gopi Dharamshala							Low Bay	FTL T 12 W	54	27	1.5	Manual
39	Kabir Basti	Kabir Basti	1 Phase	0.30	0.70	7.00	7	7.00	Low Bay	HPSV 125 W	155	1	0.2	Manual
40	Kabir Basti	Kabir Basti							Low Bay	FTL T 12 W	54	2	0.1	Manual
41	Kabir Basti	Kabir Basti							Low Bay	CFL 36 W	45	4	0.2	Manual
42	Ratiya Road to Bagichi Mohalla	Ratiya Road to Bagichi Mohalla	1 Phase	2.20	1.50	7.00	15	7.00	Low Bay	HPSV 250 W	290	7	2	Manual

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				kW	kM	m	No.	m			W	No.	kW	
43	Ratiya Road to Bagichi Mohalla	Ratiya Road to Bagichi Mohalla							Low Bay	HPSV 125 W	155	1	0.2	Manual
44	Ratiya Road to Bagichi Mohalla	Ratiya Road to Bagichi Mohalla							Low Bay	FTL T 12 W	54	6	0.3	Manual
45	Ratiya Road to Bagichi Mohalla	Ratiya Road to Bagichi Mohalla							Low Bay	CFL 36 W	45	1	0	Manual
46	Lahoria wali gali	Lahoria wali gali	1 Phase	5.20	2.70	7.00	90	7.00	Low Bay	HPSV 250 W	290	7	2	Manual
47	Lahoria wali gali	Lahoria wali gali							Low Bay	HPSV 150 W	180	2	0.4	Manual
48	Lahoria wali gali	Lahoria wali gali							Low Bay	FTL T 12 W	54	67	3.6	Manual
49	Lahoria wali gali	Lahoria wali gali							Low Bay	CFL 36 W	45	14	0.6	Manual
50	Back side of Gopi Nath Dharamshala	Back side of Gopi Nath Dharamshala	1 Phase	5.30	2.37	7.00	79	7.00	Low Bay	HPSV 250 W	290	10	2.9	Manual

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				kW	kM	m	No.	m			W	No.	kW	
51	Back side of Gopi Nath Dharamshala	Back side of Gopi Nath Dharamshala							Low Bay	HPSV 150 W	180	1	0.2	Manual
52	Back side of Gopi Nath Dharamshala	Back side of Gopi Nath Dharamshala							Low Bay	FTL T 12 W	54	60	3.2	Manual
53	Back side of Gopi Nath Dharamshala	Back side of Gopi Nath Dharamshala							Low Bay	CFL 36 W	45	8	0.4	Manual
54	Police Mohalla	Police Mohalla	1 Phase	2.70	1.59	7.00	53	7.00	High Bay	HPSV 250 W	290	3	0.9	Manual
55	Police Mohalla	Police Mohalla							Low Bay	FTL T 12 W	54	49	2.6	Manual
56	Police Mohalla	Police Mohalla							Low Bay	CFL 36 W	45	1	0	Manual
57	Shastri Nagar	Shastri Nagar	1 Phase	4.40	1.83	7.00	61	7.00	High Bay	HPSV 250 W	290	9	2.6	Manual
58	Shastri Nagar	Shastri Nagar							Low Bay	FTL T 12 W	54	52	2.8	Manual
59	Shastri Nagar	Shastri Nagar							Low Bay	CFL 36 W	45	1	0	Manual
60	Dilip Singh	Dilip Singh	1 Phase	5.80	2.73	7.00	91	7.00	Low Bay	HPSV 250 W	290	10	2.9	Manual

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				kW	kM	m	No.	m			W	No.	kW	
61	Dilip Singh	Dilip Singh							Low Bay	HPSV 125 W	155	1	0.2	Manual
62	Dilip Singh	Dilip Singh							Low Bay	FTL T 12 W	54	76	4.1	Manual
63	Dilip Singh	Dilip Singh							Low Bay	CFL 36 W	45	4	0.2	Manual
64	Lajpat Nagar	Lajpat Nagar	1 Phase	3.60	2.40	7.00	80	7.00	Low Bay	HPSV 250 W	290	2	0.6	Manual
65	Lajpat Nagar	Lajpat Nagar							Low Bay	FTL T 12 W	54	68	3.7	Manual
66	Lajpat Nagar	Lajpat Nagar							Low Bay	CFL 36 W	45	10	0.5	Manual
67	Nagpal Chowk	Nagpal Chowk	1 Phase	3.40	2.22	7.00	75	7.00	Low Bay	HPSV 250 W	290	2	0.6	Manual
68	Nagpal Chowk	Nagpal Chowk							Low Bay	FTL T 12 W	54	66	3.6	Manual
69	Nagpal Chowk	Nagpal Chowk							Low Bay	CFL 36 W	45	7	0.3	Manual
70	Autowali Gali	Autowali Gali	1 Phase	3.40	2.32	7.00	81	7.00	Low Bay	HPSV 250 W	290	1	0.3	Manual
71	Autowali Gali	Autowali Gali							Low Bay	FTL T 12 W	54	78	4.2	Manual
72	Autowali Gali	Autowali Gali							Low Bay	CFL 36 W	45	2	0.1	Manual
73	Mashjid Wali Gali	Mashjid Wali Gali	1 Phase	2.40	2.32	7.00	80	7.00	Low Bay	HPSV 250 W	290	2	0.6	Manual
74	Mashjid Wali Gali	Mashjid Wali Gali							Low Bay	FTL T 12 W	54	41	2.2	Manual

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				kW	kM	m	No.	m			W	No.	kW	
75	Mashjid Wali Gali	Mashjid Wali Gali							Low Bay	CFL 36 W	45	7	0.3	Manual
76	Appu Nagar	Appu Nagar	1 Phase	4.50	2.01	7.00	72	7.00	Low Bay	HPSV 250 W	290	6	1.7	Manual
77	Appu Nagar	Appu Nagar							Low Bay	HPSV 125 W	155	5	0.8	Manual
78	Appu Nagar	Appu Nagar							Low Bay	FTL T 12 W	54	53	2.9	Manual
79	Appu Nagar	Appu Nagar							Low Bay	CFL 36 W	45	8	0.4	Manual
80	Charmarala Colony	Charmarala Colony	1 Phase	8.30	3.15	7.00	105	7.00	Low Bay	HPSV 250 W	290	19	5.5	Manual
81	Charmarala Colony	Charmarala Colony							Low Bay	HPSV 150 W	180	1	0.2	Manual
82	Charmarala Colony	Charmarala Colony							Low Bay	FTL T 12 W	54	78	4.2	Manual
83	Charmarala Colony	Charmarala Colony							Low Bay	CFL 36 W	45	8	0.4	Manual
84	Ashkmalwali Gali	Ashkmalwali Gali	1 Phase	7.20	2.34	7.00	79	7.00	Low Bay	HPSV 250 W	290	19	5.5	Manual
85	Ashkmalwali Gali	Ashkmalwali Gali							Low Bay	HPSV 125 W	155	1	0.2	Manual
86	Ashkmalwali Gali	Ashkmalwali Gali							Low Bay	FTL T 12 W	54	57	3.1	Manual
87	Ashkmalwali Gali	Ashkmalwali Gali							Low Bay	CFL 36 W	45	2	0.1	Manual
88	Dr Dhahia wala road	Dr Dhahia wala road	1 Phase	2.80	1.80	7.00	60	7.00	Low Bay	HPSV 250 W	290	2	0.6	Manual



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				kW	kM	m	No.	m			W	No.	kW	
89	Dr Dhahia wala road	Dr Dhahia wala road							Low Bay	FTL T 12 W	54	56	3	Manual
90	Dr Dhahia wala road	Dr Dhahia wala road							Low Bay	CFL 36 W	45	2	0.1	Manual
91	Sunder Nagar	Sunder Nagar	1 Phase	11.00	5.10	7.00	170	7.00	Low Bay	HPSV 250 W	290	18	5.2	Manual
92	Sunder Nagar	Sunder Nagar							Low Bay	HPSV 150 W	180	1	0.2	Manual
93	Sunder Nagar	Sunder Nagar							Low Bay	HPSV 125 W	155	4	0.6	Manual
94	Sunder Nagar	Sunder Nagar							Low Bay	FTL T 12 W	54	132	7.1	Manual
95	Sunder Nagar	Sunder Nagar							Low Bay	CFL 36 W	45	15	0.7	Manual
96	Arvind Sharmawali gali	Arvind Sharmawali gali	1 Phase	5.40	2.10	7.00	70	7.00	Low Bay	HPSV 250 W	290	12	3.5	Manual
97	Arvind Sharmawali gali	Arvind Sharmawali gali							Low Bay	HPSV 125 W	155	1	0.2	Manual
98	Arvind Sharmawali gali	Arvind Sharmawali gali							Low Bay	FTL T 12 W	54	51	2.8	Manual
99	Arvind Sharmawali gali	Arvind Sharmawali gali							Low Bay	CFL 36 W	45	7	0.3	Manual
100	Sarojwali Gali	Sarojwali Gali	1 Phase	6.70	3.24	7.00	108	7.00	Low Bay	HPSV 250 W	290	11	3.2	Manual

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				kW	kM	m	No.	m			W	No.	kW	
101	Sarojwali Gali	Sarojwali Gali							Low Bay	HPSV 125 W	155	1	0.2	Manual
102	Sarojwali Gali	Sarojwali Gali							Low Bay	FTL T 12 W	54	90	4.9	Manual
103	Sarojwali Gali	Sarojwali Gali							Low Bay	CFL 36 W	45	6	0.3	Manual
104	Shiv Nagar	Shiv Nagar	1 Phase	5.70	2.67	7.00	89	7.00	Low Bay	HPSV 250 W	290	10	2.9	Manual
105	Shiv Nagar	Shiv Nagar							Low Bay	HPSV 125 W	155	1	0.2	Manual
106	Shiv Nagar	Shiv Nagar							Low Bay	FTL T 12 W	54	68	3.7	Manual
107	Shiv Nagar	Shiv Nagar							Low Bay	CFL 36 W	45	10	0.5	Manual
108	Inderwali Gali	Inderwali Gali	1 Phase	9.20	3.32	7.00	108	7.00	Low Bay	HPSV 250 W	290	21	6.1	Manual
109	Inderwali Gali	Inderwali Gali							Low Bay	HPSV 125 W	155	4	0.6	Manual
110	Inderwali Gali	Inderwali Gali							Low Bay	FTL T 12 W	54	76	4.1	Manual
111	Inderwali Gali	Inderwali Gali							Low Bay	CFL 36 W	45	11	0.5	Manual
112	Model Town	Model Town	1 Phase	7.40	2.18	7.00	104	7.00	Low Bay	HPSV 250 W	290	17	4.9	Manual
113	Model Town	Model Town							Low Bay	HPSV 125 W		1	0	Manual
114	Model Town	Model Town							Low Bay	FTL T 12 W	54	79	4.3	Manual
115	Model Town	Model Town							Low Bay	CFL 36 W	45	7	0.3	Manual

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				kW	kM	m	No.	m			W	No.	kW	
116	Mevadevi Gali	Mevadevi Gali	1 Phase	2.70	1.86	7.00	62	7.00	Low Bay	HPSV 250 W	290	1	0.3	Manual
									Low Bay					
117	Mevadevi Gali	Mevadevi Gali							Low Bay	HPSV 125 W	155	1	0.2	Manual
118	Mevadevi Gali	Mevadevi Gali							Low Bay	FTL T 12 W	54	53	2.9	Manual
119	Mevadevi Gali	Mevadevi Gali							Low Bay	CFL 36 W	45	7	0.3	Manual
120	Gurunanakpura Mohalla	Gurunanakpura Mohalla	1 Phase	2.30	1.29	7.00	43	7.00	Low Bay	HPSV 250 W	290	3	0.9	Manual
121	Gurunanakpura Mohalla	Gurunanakpura Mohalla							Low Bay	FTL T 12 W	54	36	1.9	Manual
122	Gurunanakpura Mohalla	Gurunanakpura Mohalla							Low Bay	CFL 36 W	45	4	0.2	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)	Remarks
							A1	A2	B1	B2	C1	C2	C3	C4	D	$(A1 + A2 + B1 + B2) / 16 + (C1 + C2 + C3 + C4) / 8 + D / 4$	
1		GT Road Pole no 13	1 Phase	GT Road Pole no 13	Center Verge	50.00	72.2	6.6	74.5	21.3	55.5	10.3	4.1	33.3	14.5	27.4375	
2		GT Road Pole no 20	1 Phase	GT Road Pole no 20	Center Verge	40.00	76	7	73	19	54	9	3.5	34	12	26.5	
3		Bhatto Rd Pole no 1	1 Phase	Bhatto Rd Pole no 1	Center Verge	50.00	74.5	7.2	52.9	18.9	54.3	12.2	10.4	32.5	16.2	27.3188	
4		Auto Bazar Pole no 1	1 Phase	Auto Bazar Pole no 1	Side of Road	40.00	69.3	6.4	66.2	20.1	61.1	9.1	6.3	35.6	12.2	27.1875	
5		Hansa Mkt	1 Phase	Hansa Mkt	Side of Road	40.00	33.8	1.1	33.9	14.1	52.1	6.9	2.1	34.7	16.6	21.3063	
6		Palika Bazar	1 Phase	Palika Bazar	Side of Road	40.00	56.3	2.4	78.8	10.3	32.3	3.5	1.2	68.3	14.5	26.025	
7		Thana Road	1 Phase	Thana Road	Side of Road	40.00	44.2	5.5	81.1	11.2	44.8	6.1	0.3	55.1	12.9	25.3875	
8		Thana to Jawahar Chowk	1 Phase	Thana to Jawahar Chowk	Side of Road	40.00	32.9	2.1	42.1	15.4	41.3	9.2	0.9	55.9	10.1	21.7188	

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			
9		Bhima Basti to Jawahar Chowk	1 Phase	Bhima Basti to Jawahar Chowk	Side of Road	35.00	42.6	3.5	35.6	15.9	32.3	8.1	0.7	41.7	13.7	19.875		
10		Sanyash ashram	1 Phase	Sanyash ashram	Side of Road	40.00	58.9	10.2	61.5	16.9	27.7	6.1	1.2	27.6	11.5	19.9188		
11		Gopi Dharamshala	1 Phase	Gopi Dharamshala	Side of Road	40.00	65.2	6.1	65.4	12.3	41.6	9.4	0.6	64.3	6.9	25.525		
12		Kabir Basti	1 Phase	Kabir Basti	Side of Road	35.00	63.8	3.6	63.1	16.5	54.4	7.3	0.7	62.2	10.1	27.2875		
13		Ratiya Road to Bagichi Mohalla	1 Phase	Ratiya Road to Bagichi Mohalla	Side of Road	40.00	50.3	5.1	50.4	12.3	61.2	4.3	2.3	63.6	11.6	26.7063		
14	1	Lahoria wali gali	1 Phase	Lahoria wali gali	Side of Road	40.00	22.8	0.2	19.1	17.4	41.8	6.3	2.1	32.7	22.2	19.6313		
15	2	Back side of Gopi Nath Dharamshala	1 Phase	Back side of Gopi Nath Dharamshala	Side of Road	40.00	44.1	0.4	39.7	18.9	35.5	0.7	2.2	27.9	9.7	17.1563		
16	3	Police Mohalla	1 Phase	Police Mohalla	Side of Road	35.00	45.7	3.6	51.5	16.2	44.7	7.1	1.1	71.3	14.6	26.4875		

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		
17	4	Shastri Nagar	1 Phase	Shastri Nagar	Side of Road	35.00	55.1	2.1	51.7	16.9	48.7	0.6	0.7	62.6	11.1	24.7125	
18	5	Dilip Singh	1 Phase	Dilip Singh	Side of Road	45.00	68.6	3.8	69.4	17.1	61.3	0.2	0.1	59.3	12.7	28.2188	
19	6	Lajpat Nagar	1 Phase	Lajpat Nagar	Side of Road	40.00	52.2	7.1	81.3	12.3	61.9	7.1	0.2	71.3	11.9	30.0938	
20	7	Nagpal Chowk	1 Phase	Nagpal Chowk	Side of Road	40.00	46.5	6.7	87.1	12.9	56.3	9.9	0.7	62.2	14.8	29.4125	
21	8	Autowali Gali	1 Phase	Autowali Gali	Side of Road	35.00	54.3	4.5	82.2	15.6	52.1	4.3	0.8	42.7	17.7	26.7	
22	9	Mashjid Wali Gali	1 Phase	Mashjid Wali Gali	Side of Road	35.00	22.3	0.3	12.2	15.9	42.7	6.1	1.1	54.8	9.5	18.6313	
23	10	Appu Nagar	1 Phase	Appu Nagar	Side of Road	35.00	30.8	3.1	22.3	14.1	49.1	7.3	1.6	73.3	13.1	24.0813	
24	11	Charmarala Colony	1 Phase	Charmarala Colony	Side of Road	35.00	15.3	0.1	22.2	11.2	61.7	7.1	1.3	62.1	14.8	23.275	
25	12	Ashkmalwali Gali	1 Phase	Ashkmalwali Gali	Side of Road	40.00	14.9	0.2	19.1	13.4	35.6	6.4	0.3	36.2	22.2	18.3375	

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		
26	13	Dr Dhahia wala road	1 Phase	Dr Dhahia wala road	Side of Road	40.00	21.3	1.1	21.9	15.1	54.9	7.3	1.3	54.8	11.5	21.375	
27	14	Sunder Nagar	1 Phase	Sunder Nagar	Side of Road	40.00	25.4	2.2	25.4	17.1	41.3	8.7	1.5	68.1	10.1	21.8563	
28	15	Arvind Sharmawali gali	1 Phase	Arvind Sharmawali gali	Side of Road	35.00	27.7	2.1	26.7	14.3	61.9	6.4	3.1	23.1	17.7	20.6625	
29	16	Sarojwali Gali	1 Phase	Sarojwali Gali	Side of Road	35.00	31.3	2.9	32.9	10.2	56.3	5.3	0.5	77.1	10.2	24.7813	
30	17	Shiv Nagar	1 Phase	Shiv Nagar	Side of Road	35.00	35.9	2.5	35.1	12.1	61.7	7.1	2.3	31.3	11.7	21.075	
31	18	Inderwali Gali	1 Phase	Inderwali Gali	Side of Road	35.00	55.5	3.9	55.6	10.4	61.1	7.2	1.7	32.6	9.4	23.0125	
32	19	Model Town	1 Phase	Model Town	Side of Road	35.00	54.2	6.1	55.4	10.6	56.9	6.1	1.5	34.8	4.5	21.4313	
33	20	Mevadevi Gali	1 Phase	Mevadevi Gali	Side of Road	40.00	44.4	5.9	71.1	9.5	54.3	6.9	2.1	36.3	8.7	22.8063	
34	21	Gurunanak pura Mohalla	1 Phase	Gurunana kpura Mohalla	Side of Road	40.00	30.4	4.3	31.1	10.2	42.2	8.1	6.4	55.2	10.2	21.2875	

## Appendix B/3/3

### Switching Point wise Service Delivery & SEC

Sl. 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 <sub>installed</sub>
1	GT Road Pole no 1	A1	2.32	1.43	38.36	5741.45		27.40	209.542	2474.763
2	GT Road Pole no 5	A1	4.64	1.74	62.50	6986.10		27.40	254.9672	1505.625
3	GT Road Pole no 13	A1	2.9	3.1	0.00	12446.50		27.40	454.2518	4291.897
4	GT Road Pole no 18	A1	2.32	2	13.79	8030.00		27.40	293.0657	3461.207
5	GT Road Pole no 20	A1	1.74	0.86	50.57	3452.90		26.50	130.2981	1984.425
6	GT Road Pole no 25	A1	1.74	1.27	27.01	5099.05		26.50	192.417	2930.489
7	GT Road Pole no 28	A1	3.48	1.76	49.43	7066.40		26.50	266.6566	2030.575
8	GT Road Pole no 34	A1	1.16	1.19	0.00	4777.85		26.50	180.2962	4118.836
9	GT Road Pole no 36	A1	2.9	2.12	26.90	8511.80		26.50	321.2	2935.103
10	GT Road Pole no 41	A1	1.74	0.93	46.55	3733.95		26.50	140.9038	2145.948
11	Ratiya Road	B1	17.98	0	100.00	0.00			0	0
12	Bhatto Rd Pole no 1	B1	5.22	4.92	5.75	19753.80		27.30	723.5824	3784.253



Sl. 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 <sub>installed</sub>
13	Bhatto Rd Pole no 10	B1	4.35	4.77	0.00	19151.55		27.30	701.522	4402.655
14	Bhatto Rd Pole no 18	B1	4.93	1.85	62.47	7427.75		27.30	272.0788	1506.643
15	Bhatto Rd Pole no 27	B1	1.74	1.97	0.00	7909.55		27.30	289.7271	4545.718
16	Auto Bazar Pole no 1	B1	2.32	0.52	77.59	2087.80		27.20	76.75735	899.9138
17	Auto Bazar Pole no 5	B1	2.32	0.67	71.12	2690.05		27.20	98.8989	1159.504
18	Auto Bazar Pole no 9	B1	2.32	0.73	68.53	2930.95		27.20	107.7555	1263.341
19	Auto Bazar Pole no 13	B1	1.16	0.98	15.52	3934.70		27.20	144.6581	3391.983
20	Near Nagear Parishad	B2	3.94	1.6	59.39	6424.00		27.20	236.1765	1630.457
21	Jawahar Chowk Road	B1	2.418	0.83	65.67	3332.45		27.20	122.5165	1378.184
22	Hansa Mkt	B2	1.214	1.214	0.00	4874.21		21.30	228.8362	4015
23	Palika Bazar	B2	0.27	0.05	80.00	216.81		26.00	8.338846	803
24	Thana Road	B2	2.624	2.33	11.11	9364.76		25.40	368.6915	3568.889
25	Thana to Jawahar Chowk	B1	5.164	4.69	9.09	18848.60		21.7	868.5991	3650
26	Bhima Basti to Jawahar Chowk	B1	2.516	2.34	7.14	9380.19		19.9	471.3662	3728.214

Sl. 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 <sub>installed</sub>
27	Sanyash ashram	B2	2.264	1.51	33.33	6059.97		19.9	304.5213	2676.667
28	Gopi Dharamshala	B2	4.068	3.16	22.22	12703.46		25.5	498.1749	3122.778
29	Kabir Basti	B1	0.342	0.34	0.00	1373.13		27.3	50.2978	4015
30	Ratiya Road to Bagichi Mohalla	B2	2.75	2.75	0.00	11041.25		26.7	413.53	4015
31	Lahoria wali gali	B2	6.512	5.35	17.78	21497.56		19.6	1096.814	3301.222
32	Back side of Gopi Nath Dharamshala	B2	6.608	5.60	15.19	22501.08		17.1	1315.852	3405.127
33	Police Mohalla	B2	3.552	2.68	24.53	10763.23		26.5	406.1596	3030.189
34	Shastri Nagar	B1	5.454	4.40	19.35	17659.52		24.7	714.9605	3237.903
35	Dilip Singh	B2	7.238	6.04	16.48	24270.37		28.2	860.6513	3353.187
36	Lajpat Nagar	B2	4.612	3.40	26.25	13656.42		30.1	453.7017	2961.063
37	Nagpal Chowk	B1	4.396	3.34	24.00	13413.95		29.4	456.257	3051.4
38	Autowali Gali	B2	4.574	3.39	25.93	13603.41		26.7	509.4912	2974.074
39	Mashjid Wali Gali	B2	3.046	2.74	10.00	11006.72		18.6	591.7592	3613.5

40	Appu Nagar	B1	5.34	4.30	19.44	17271.19		24.1	716.647	3234.306
41	Charmarala Colony	B2	10.19	9.23	9.43	37053.15		23.2	1597.118	3636.226
42	Ashkmalwali Gali	B2	8.75	7.53	13.92	30239.56		18.3	1652.435	3455.949
43	Dr Dhahia wala road	B1	3.676	2.51	31.67	10085.41		21.3	473.4935	2743.583
44	Sunder Nagar	B2	13.428	11.45	14.71	45984.98		21.8	2109.403	3424.559
45	Arvind Sharmawali gali	B2	6.576	5.56	15.49	22312.09		20.7	1077.879	3392.958
46	Sarojwali Gali	B2	8.536	6.97	18.35	27983.59		24.8	1128.371	3278.303
47	Shiv Nagar	B1	7.022	5.60	20.22	22491.31		21.1	1065.939	3202.978
48	Inderwali Gali	B2	10.95	9.19	16.07	36898.57		23	1604.286	3369.732
49	Model Town	B1	9.538	6.97	26.92	27984.86		21.4	1307.704	2934.038
50	Mevadevi Gali	B2	3.494	2.82	19.35	11313.23		22.8	496.1945	3237.903
51	Gurunanak pura Mohalla	B2	2.958	2.55	13.95	10219.20		21.3	479.7747	3454.767

## Appendix B/1/4 Switching Point wise Monthly Energy Bill Summary

Switching (Metering) Point / Location	Consumer No.	Year	Month	Units consumed (kWh)	Avg. PF	Amount (Rs.)
All Fatehabad Street Light was average metered and it is having these two connection	STSL-0001 / GV41-31	2009	April	23808		1619601.0
	STSL-0001 / GV41-32	2009	April	2935		58254.0
				26743		1677855.0
We ha received above details only						

## Appendix B/4/1 Municipal Buildings

Sl. No.	Parameter Description	UOM	No 1	No 2	No 3	No 4	No 5	No 6
			Main Office	Fire Office	Bal Bhawan	Old Office	Solid Waste Mgt	Jawahar Vachnalaya
A	Location / Address							
C	Total Built-up Floor Area (Square Mtrs.)	Sq. Mtr.	476.2	64.8	451.4	130	170.2	25.5
D	Conditioned Floor Area (as % of Total Builtup Floor Area)	%	0	0	1	0	0	35
E	Total Connected load of the individual Buildings		6.752	1.232	8.456	0.052	26.283	3.317
F	<b>Energy Metering</b>							
F.1	No. of HT Connections (Energy Meters)	No.	0	0	0	0	0	0
F.2	No. of 3 Phase LT Connections (Energy Meters)	No.	0	0	0	0	1	0
F.3	No. of 1 Phase LT Connections (Energy Meters)	No.	1	0	1	0	0	1
F.4	Electricity Consumption in the selected Buildings - Monthly Average KWh for the last one year of the bill collected. (Total Annual kWh / 12)		NA	NA	NA	NA	NA	NA
F.5	Maximum Demand of the individual Buildings-Monthly Average in KVA for the last one year of the bill collected.		NA	NA	NA	NA	NA	NA
F.6	Annual Energy Bill (Rs)	Rs.	64096	NA	NA	NA	NA	NA
F.7	Monthly Average Energy Bill (Rs) (=F.6 / 12)	Rs.	5341.3	NA	NA	NA	NA	NA

Sl. No.	Parameter Description	UOM	No 1	No 2	No 3	No 4	No 5	No 6
G	<b>Emergency Supply</b>							
G.1	No. of DG Sets or other Sources	Nos.	NA	NA	NA	NA	NA	NA
G.2	Capacity of DG Sets or other Sources	kVA	NA	NA	NA	NA	NA	NA
G.3	Fuel Used (eg. HSD, LDO, FO)		NA	NA	NA	NA	NA	NA
G.4	Annual Fuel Consumption	Kg.	NA	NA	NA	NA	NA	NA
H	<b>Energy Cost (Rs. / Unit)</b>							
H.1	Utility Energy Cost	Rs.	4.19	4.19	4.19	4.19	4.19	4.19
H.2	Captive Energy Cost (DG Sets)	Rs.	NA	NA	NA	NA	NA	NA
I	EPI(Energy Performance Index) - Energy includes electricity purchased and generated	kWh / sqm / year	24.59		24.51	18.18		318.62 including pump
	13302 kwh		11064	2363		8125		
J	<b>Annual Maintenance Cost (Rs)</b>							
J.1	Material	Rs.						
J.2	Labour	Rs.						
K	<b>Operating Details</b>							
K.1	Total No. of Occupants (Approx.)	No.	55	15	50	8	0	10
K.2	Avg. No. of Occupants during Working Hours	No.	8	24	8	24	0	6
K.3	Annual Working Days	No. of Days	251	365	251	365	0	365
K.4	Daily Operating Hours	from ___ hrs. to ___ hrs.	10AM – 5PM	12AM - 12AM	10AM – 5PM	12AM - 12AM	NA	10 AM – 4.0 PM
L	Remarks							

## Appendix B/2/2

# Municipal Buildings – Inventory of Energy Consuming Appliances

**Building Name & Location /  
Address:**

Main office, Fatehabad Municipal Committee

Sr. No.	Floor	Location / Room Description	Appliance Category	Appliance	Capacity <small>(Mention Value and Units eg. 2 TR for Window AC, Lit for Geysers etc.)</small>	Wattage (W)	No. of Appliances	Working Hours	Installed Load (kW)
1	0	Main Office Room1	Lighting	TL 40 W	W	54	1	8	0.054
2	0	Main Office Room1	Lighting	18 W CFL	W	18	1	8	0.018
3	0	Main Office Room1	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	8	0.06
4	0	Main Office Room No 2	Lighting	TL 40 W	W	54	1	8	0.054
5	0	Main Office Room No 2	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	8	0.06
6	0	Main Office Room No 2	Other Appliances	WaterCooler	W	300	1	8	0.3
7	0	Main Office Room No 3	Lighting	TL 40 W	W	54	1	8	0.054
8	0	Main Office Room No 3	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	8	0.06
9	0	Main Office Room No 4	Lighting	TL 40 w	W	54	2	8	0.108
10	0	Main Office Room No 4	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	8	0.06
11	0	Main Office Room No 4	Fans/Blowers/Exhaust Fans	Cooler	W	80	1	8	0.08
12	0	Main Office Room No 4	Lighting	CFL 18 W	W	18	1	8	0.018
13	0	Main Office Room No 4	Lighting	Bulb 100 W	W	100	2	8	0.2
14	0	Main Office Room No 5	Lighting	CFL 18 W	W	18	2	8	0.036
15	0	Main Office Room No 5	Lighting	TL 40 W	W	54	3	8	0.162
16	0	Main Office Room No 5	Fans/Blowers/Exhaust Fans	Cooler	W	80	1	8	0.08

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)
17	0	Main Office Room No 5	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	8	0.06
18	0	Main Office Room No 6	Lighting	TL 40 W	W	54	2	8	0.108
19	0	Main Office Room No 6	Lighting	CFL 18 W	W	18	1	8	0.018
20	0	Main Office Room No 6	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	8	0.06
21	0	Main Office Room No 6	Other Appliances	Intercom Pbx	W	90	1	8	0.09
22	0	Main office Room No 7	Lighting	TL 40 W	W	54	2	8	0.108
23	0	Main office Room No 7	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	8	0.06
24	0	Main office Room No 7	Other Appliances	Computer	W	200	1	8	0.2
25	0	Main office Room No 7	Other Appliances	Printer	W	60	1	8	0.06
26	0	Main office Room No 7	Fans/Blowers/Exhaust Fans	Cooler	W	80	1	8	0.08
27	0	Main office Room No 7	Lighting	CFL 18 W	W	18	1	8	0.018
28	0	Main Office Room No 8	Lighting	TL 40 W	W	54	3	8	0.162
29	0	Main Office Room No 8	Fans/Blowers/Exhaust Fans	Cooler	W	80	1	8	0.08
30	0	Main Office Room No 8	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	3	8	0.18
31	0	Main Office Gallery	Lighting	TL 40 W	W	54	1	8	0.054
32	0	Main Office Gallery	Lighting	CFL 18 W	W	18	1	8	0.018
33	0	Main Office Gallery	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	8	0.06
34	0	Main Office Portico	Lighting	Sodium 250	W	290	2	8	0.58
35	0	Main Office Ext. Room No 1	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	8	0.06
36	0	Main Office Ext. Room No 1	Fans/Blowers/Exhaust Fans	cooler	W	80	1	8	0.08
37	0	Main Office Ext. Room No 1	Lighting	CFL 18 W	W	18	1	8	0.018



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)
38	0	Main Office Ext. Room No 2	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	8	0.06
39	0	Main Office Ext. Room No 2	Fans/Blowers/Exhaust Fans	Cooler	W	80	1	8	0.08
40	0	Main Office Ext. Room No 2	Lighting	CFL 18 W	W	18	1	8	0.018
41	0	Main Office Ext. Room No 3	Lighting	Bulb 100 W	W	100	1	8	0.1
42	0	Main Office Ext. Room No 3	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	8	0.06
43	0	Main office Ext. Room No 4	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	8	0.06
44	0	Main office Ext. Room No 4	Fans/Blowers/Exhaust Fans	Cooler	W	80	1	8	0.08
45	0	Main office Ext. Room No 4	Lighting	CFL 18 W	W	18	1	8	0.018
46	0	Main Office Ext. Room No 5	lighting	Bulb 100 W	W	100	1	8	0.1
47	1	Main office Room No 9	Lighting	TL 40 W	W	54	2	8	0.108
48	1	Main office Room No 9	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	2	8	0.12
49	1	Main office Room No 9	Lighting	Bulb 100 W	W	100	1	8	0.1
50	1	Main office Room No 9	Lighting	Bulb 200 W	W	200	1	8	0.2
51	1	Main office Room No 10	Lighting	CFL 18 W	W	18	1	8	0.018
52	1	Main office Room No 10	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	8	0.06
53	1	Main office Room No 10	Lighting	TL 40 W	W	54	1	8	0.054
54	1	Main office Room No 10	Fans/Blowers/Exhaust Fans	Cooler	W	80	1	8	0.08
55	1	Main Office Room No 11	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	8	0.06
56	1	Main Office Room No 11	Lighting	CFL 18 W	W	18	1	8	0.018
57	1	Main Office Room No 11	Lighting	TL 40 W	W	54	1	8	0.054
58	1	Main Office Bath Room	Lighting	Bulb 100 W	W	100	1	8	0.1
59	1	Main Office Room No 12	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	4	8	0.24

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)
60	1	Main Office Room No 12	Lighting	TL 40 W	W	54	1	8	0.054
61	1	Main Office Room No 12	Lighting	Bulb 100 W	W	100	7	8	0.7
62	1	Main Office Room No 13	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	8	0.06
63	1	Main Office Room No 13	Lighting	TL 40 W	W	54	3	8	0.162
64	1	Main Office Room No 13	Fans/Blowers/Exhaust Fans	Cooler	W	80	1	8	0.08
65	1	Main Office Room No 13	Other Appliances	Invertor	W	810	1	24	0.81
66	0	Main Office Terrace	Lighting	Bulb 100 W	W	100	1	24	0.1
67	1	Main Office Gallary	Lighting	Bulb 100 W	W	100	3	8	0.3
68	1	Main Office Gallary	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	8	0.06

**Building Name & Location / Address:** Fire office, Fatehabad 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	Fire Office Room No 1	Lighting	TL 40 W	W	54	1	24	0.054
2	0	Fire Office Room No 1	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	24	0.06
3	0	Fire Office Room No 1	Fans/Blowers/Exhaust Fans	Cooling Fan	W	80	1	24	0.08
4	0	Fire Office Room No 1	Lighting	CFL 18 W	W	18	1	24	0.018
5	0	Fire Office Room No 2	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	24	0.06
6	0	Fire Office Room No 2	Lighting	Bulb 100 W	W	100	1	24	0.1
7	0	Fire Office Room No 2	Lighting	TL 40 W	W	54	1	24	0.054
8	0	Fire Office Room No 3	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	24	0.06
9	0	Fire Office Room No 3	Lighting	TL 40 W	W	54	1	24	0.054
10	0	Fire Office Room No 3	fans/Blowers/Exhaust Fans	Cooler	W	80	1	24	0.08
11	0	Fire Office Room No 3	Lighting	Bulb 100 W	W	100	1	24	0.1
12	0	Fire Office Bath Room	Lighting	CFL 18 W	W	18	1	24	0.018
13	0	Fire Office Toilet	Lighting	Bulb 100 W	W	100	1	24	0.1
14	0	Fire Office Gallery	Lighting	TL 40 W	W	54	1	24	0.054
15	0	Fire Office Gallery	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	24	0.06
16	0	Fire Office Outside	Lighting	TL 40 W	W	54	3	24	0.162
17	0	Fire Office Outside	Lighting	CFL 18 W	W	18	1	24	0.018
18	0	Fire Office garaj	Lighting	Bulb 100 W	W	100	1	24	0.1

**Building Name & Location / Address: Bal Bhawan, Fatehabad**

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	Bal Bhawan Room no 1	Lighting	TL 40 W	W	54	1	8	0.054
2	0	Bal Bhawan Room no 1	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	8	0.06
3	0	Bal Bhawan Room no 1	Fans/Blowers/Exhaust Fans	Cooling Fan	W	80	1	8	0.08
4	0	Bal Bhawan Room no 2	Lighting	TL 40 W	W	54	1	8	0.054
5	0	Bal Bhawan Room no 2	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	8	0.06
6	0	Bal Bhawan Room no 2	Fans/Blowers/Exhaust Fans	Cooling Fan	W	80	1	8	0.08
7	0	Bal Bhawan Room no 3	Lighting	TL 40 W	W	54	2	8	0.108
8	0	Bal Bhawan Room no 3	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	8	0.06
9	0	Bal Bhawan Room no 3	Other Appliances	A C 1.5 Tan	TR	1800	1	8	1.8
10	0	Bal Bhawan Room no 3	Other Appliances	Computar	W	200	1	8	0.2
11	0	Bal Bhawan Room no 3	Other Appliances	Printer	W	60	1	8	0.06
12	0	Bal Bhawan Room no 4	Lighting	TL 40 W	W	54	1	8	0.054
13	0	Bal Bhawan Room no 4	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	8	0.06
14	0	Bal Bhawan Room no 4	Other Appliances	Computer	W	200	1	8	0.2
15	0	Bal Bhawan Room no 4	Other Appliances	Printer	W	60	1	8	0.06
16	0	Bal Bhawan Room no 5	Lighting	TL 40 W	W	54	2	8	0.108

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)
17	0	Bal Bhawan Room no 5	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	2	8	0.12
18	0	Bal Bhawan Room no 5	Other Appliances	Fridge	Lt	200	1	8	0.2
19	0	Bal Bhawan Room no 6	Lighting	TL 40 W	W	54	2	8	0.108
20	0	Bal Bhawan Room no 6	Lighting	CFL 18 W	W	18	1	8	0.018
21	0	Bal Bhawan Room no 6	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	3	8	0.18
22	0	Bal Bhawan Room no 6	Other Appliances	Computer	W	200	5	8	1
23	0	Bal Bhawan Room no 6	Other Appliances	Printer	W	60	3	8	0.18
24	0	Bal Bhawan Room no 6	Fans/Blowers/Exhaust Fans	Cooling Fan	W	80	1	8	0.08
25	0	Bal Bhawan Room no 7	Lighting	TL 40 W	W	54	3	8	0.162
26	0	Bal Bhawan Room no 7	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	5	8	0.3
27	0	Bal Bhawan Room no 7	Fans/Blowers/Exhaust Fans	Cooling Fan	W	80	1	8	0.08
28	0	Bal Bhawan Room no 8	Lighting	TL 40 W	W	54	2	8	0.108
29	0	Bal Bhawan Room no 8	Lighting	CFL 18 W	W	18	2	8	0.036
30	0	Bal Bhawan Room no 8	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	3	8	0.18
31	0	Bal Bhawan Room no 8	Fans/Blowers/Exhaust Fans	Cooling Fan	W	80	1	8	0.08
32	0	Bal Bhawan Room no 1a	Lighting	TL 40 W	W	54	1	8	0.054
33	0	Bal Bhawan Room no 1a	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)
34	0	Bal Bhawan Room no 2a	Lighting	TL 40 W	W	54	1	8	0.054
35	0	Bal Bhawan Room no 3a	Lighting	TL 40 W	W	54	1	8	0.054
36	0	Bal Bhawan Room no 3a	Lighting	CFL 18 W	W	18	1	8	0.018
37	0	Bal Bhawan Room no 3a	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	8	0.06
38	0	Bal Bhawan Room no 4a	Lighting	TL 40 W	W	54	1	8	0.054
39	0	Bal Bhawan Room no 4a	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	8	0.06
40	0	Bal Bhawan Room no 4a	Other Appliances	Computer	W	200	1	8	0.2
41	0	Bal Bhawan Room no 4a	Other Appliances	Printer	W	60	1	8	0.06
42	0	Bal bhawan Hall	Lighting	TL 40 W	W	54	8	8	0.432
43	0	Bal bhawan Hall	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	6	8	0.36
44	0	Bal bhawan Hall	Fans/Blowers/Exhaust Fans	Wall Fan	W	50	4	8	0.2
45	0	Bal bhawan Hall	Fans/Blowers/Exhaust Fans	Cooling Fan	W	80	1	8	0.08
46	0	Bal bhawan Hall	Other Appliances	T V	W	60	1	8	0.06
47	0	Bal Bhawan Library	Lighting	Helogen	W	60	7	8	0.42
48	0	Bal Bhawan Library	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	5	8	0.3

**Building Name & Location / Address: Old Office, Fatehabad 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	Old Office Outside	Lighting	TL 40 W	W	54	1	24	0.054

**Building Name & Location / Address: Solid Waste Management Fatehabad**

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	Solid waste Mgt Room No 1	Lighting	TL 40 W	W	54	1	24	0.054
2	0	Solid waste Mgt Room No 1	Lighting	Bulb 100 W	W	100	1	24	0.1
3	0	Solid waste Mgt Room No 1	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	24	0.06
4	0	Solid waste Mgt Room No 2	Lighting	TL 40 W	W	54	1	24	0.054
5	0	Solid waste Mgt Room No 2	Lighting	Bulb 100 W	W	100	1	24	0.1
6	0	Solid waste Mgt Room No 2	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	24	0.06
7	0	Solid waste Mgt Room No 2	Fans/Blowers/Exhaust Fans	Cooling Fan	W	80	1	24	0.08
8	0	Solid waste Mgt Room No 2	Other Appliances	Fridge	Lt	200	1	24	0.2
9	0	Solid waste Mgt Room No 2	Other Appliances	T V	W	60	1	24	0.06
10	0	Solid waste Mgt Room No 3	Lighting	Bulb 100 W	W	100	1	24	0.1
11	0	Solid waste Mgt Room No 3	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	24	0.06
12	0	Solid waste Mgt Hall	Lighting	Bulb 100 W	W	100	2	24	0.2
13	0	Solid waste Mgt Hall	Lighting	M V 125 W	W	155	1	24	0.155

**Building Name & Location / Address:** Jawahar Vachnalaya , Fatehabad

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	Solid waste Mgt Room No 1	Lighting	TL 40 W	W	54	1	24	0.054
2	0	Solid waste Mgt Room No 1	Lighting	Bulb 100 W	W	100	1	24	0.1
3	0	Solid waste Mgt Room No 1	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	24	0.06
4	0	Solid waste Mgt Room No 2	Lighting	TL 40 W	W	54	1	24	0.054
5	0	Solid waste Mgt Room No 2	Lighting	Bulb 100 W	W	100	1	24	0.1
6	0	Solid waste Mgt Room No 2	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	24	0.06
7	0	Solid waste Mgt Room No 2	Fans/Blowers/Exhaust Fans	Cooling Fan	W	80	1	24	0.08
8	0	Solid waste Mgt Room No 2	Other Appliances	Fridge	Lt	200	1	24	0.2
9	0	Solid waste Mgt Room No 2	Other Appliances	T V	W	60	1	24	0.06
11	0	Solid waste Mgt Room No 3	Fans/Blowers/Exhaust Fans	Ceiling Fan	W	60	1	24	0.06
12	0	Solid waste Mgt Hall	Lighting	Bulb 100 W	W	100	2	24	0.2
13	0	Solid waste Mgt Hall	Lighting	M V 125 W	W	155	1	24	0.155



## Appendix B/2/4 Municipal Buildings – Energy Bill Summary (LT Supply)

Name & Location: Fatehabad Municipal Committee

Consumer No.: GG21-0040/1000GC51

Site Type: Municipal Office & Fire 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	1386				6676	
Apr-09	720				3473	
Mar-09	811				3910	
Feb-09	1173				5652	
Jan - 09.	1267				6104	
Dec-08	720				3473	
Nov-08	786				3790	
Oct-08	995				4795	
Sep-08	1143				5507	
Aug-08	1256				6051	
Jul-08	1232				5935	
Jun-08	1813				8730	
<b>Total</b>	<b>13302</b>				<b>64096</b>	