

## Appendix B/3/1

### Switching Point wise Lighting Fixture Details and Installed kW

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 / Photo cell / Dimmer etc.)
				kW							kM		m	
1	Bichla Bazar	Lalmasjid, Karori mal	3 Ph	9.58	3.66	12	122	9	Low Bay	250W HPSV	280	6	1.68	Manual
	Bichla Bazar	Lalmasjid, Karori mal	3 Ph	9.58	3.66	12	122	9	Low Bay	150W HPSV	170	30	5.1	Manual
	Bichla Bazar	Lalmasjid, Karori mal	3 Ph	9.58	3.66	12	122	9	Low Bay	1*40W FTL	55	80	4.4	Manual
	Bichla Bazar	Lalmasjid, Karori mal	3 Ph	9.58	3.66	12	122	9	Low Bay	1*20W FTL	31	2	0.062	Manual
	Bichla Bazar	Lalmasjid, Karori mal	3 Ph	9.58	3.66	12	122	9	Low Bay	70W HPSV	80	2	0.16	Manual
	Bichla Bazar	Lalmasjid, Karori mal	3 Ph	9.58	3.66	12	122	9	Low Bay	100W GLS	100	2	0.2	Manual
2	Bichla Bazar	Jain Chowk, Chopte Bazar	3 Ph	7.72	3.06	10	102	9	Low Bay	150W HPSV	150	28	4.2	Manual
										1*40W FTL	55	52	2.86	Manual
										70W HPSV	80	2	0.16	Manual
										100W GLS	100	20	2	Manual

3	Bichla Bazar	Loha Market,Cloth Market	3 Ph	18.02	6.33	8	211	9	Low Bay	250W HPSV	280	27	7.56	Manual
										150W HPSV	170	34	5.78	Manual
										1*40W FTL	55	130	7.15	Manual
										1*20W FTL	31	11	0.341	Manual
										70W HPSV	80	5	0.4	Manual
										100W GLS	100	4	0.4	Manual
4	Old Power House	Tosham Road	3 Ph	6.75	5.46	12	156	9	Low Bay	150W HPSV	170	3	0.51	Manual
										1*40W FTL	51	150	7.65	Manual
										100W GLS	100	3	0.3	Manual
5	Old Power House	Towards ghanta Ghar	3 Ph	6.63	4.025	10	115	9	Low Bay	250W HPSV	280	2	0.56	Manual
										150W HPSV	170	12	2.04	Manual
										1*40W FTL	55	92	5.06	Manual
										1*20W FTL	31	2	0.062	Manual
										70W HPSV	80	3	0.24	Manual
										100W GLS	100	4	0.4	Manual
6	Old Power House	Towards BTM Chowk	3 Ph	8.01	4.48	8	128	12	Low Bay	250W HPSV	280	2	0.56	Manual
										150W HPSV	170	23	3.91	Manual
										1*40W FTL	55	80	4.4	Manual

										1*20W FTL	31	15	0.465	Manual
										70W HPSV	80	8	0.64	Manual
7	Anaj Mandi	Maham Road	1 Ph	6.75	2.24	12	112	9	Low Bay	150W HPSV	170	7	1.19	Manual
										1*40W FTL	52	80	4.16	Manual
										100W GLS	100	25	2.5	Manual
8	Shivnagar	Alvas Gate	3 Ph	6.97	3.99	10	114	9	Low Bay	250W HPSV	280	2	0.56	Manual
										150W HPSV	170	15	2.55	Manual
										1*40W FTL	55	77	4.235	Manual
										1*20W FTL	31	10	0.31	Manual
										70W HPSV	80	2	0.16	Manual
										100W GLS	100	8	0.8	Manual
9	Shivnagar	Swami tirpa kiyan	3 Ph	8.44	5.04	12	144	9	Low Bay	250W HPSV	280	2	0.56	Manual
										150W HPSV	170	20	3.4	Manual
										1*40W FTL	55	120	6.6	Manual
										70W HPSV	80	2	0.16	Manual
10	Shivnagar	NW	3 Ph	2	1.75	10	50	9	Low Bay	1*40W FTL	53	50	2.65	Manual
11	Noonsar Tank	Noonsarjha	1 Ph	2.83	1.56	14	52	9	Low Bay	150W HPSV	170	3	0.51	Manual
										1*40W FTL	55	40	2.2	Manual

										70W HPSV	80	4	0.32	Manual
										100W GLS	100	5	0.5	Manual
12	Patram Gate	Dyani Charkhan	3 Ph	3.09	1.77	12	59	12	Low Bay	250W HPSV	280	1	0.28	Manual
										150W HPSV	170	2	0.34	Manual
										1*40W FTL	55	50	2.75	Manual
										70W HPSV	80	2	0.16	Manual
										100W GLS	100	4	0.4	Manual
13	Patram Gate	DyANI charan	3 Ph	3.62	2.1	10	70	9	Low Bay	250W HPSV	280	1	0.28	Manual
										150W HPSV	170	5	0.85	Manual
										1*40W FTL	55	62	3.41	Manual
										70W HPSV	80	2	0.16	Manual
14	Patram Gate	Patram Road	3 Ph	4.4	4.05	8	81	9	Low Bay	250W HPSV	280	2	0.56	Manual
										150W HPSV	170	5	0.85	Manual
										1*40W FTL	55	65	3.575	Manual
										1*20W FTL	31	4	0.124	Manual
										70W HPSV	80	1	0.08	Manual
										100W GLS	100	4	0.4	Manual
15	Naya Bazar	Naya bazar Road ,Ara Road	3 Ph	4.03	2.55	10	85	9	Low Bay	150W HPSV	170	7	1.19	Manual

										1*40W FTL	55	66	3.63	Manual
										1*20W FTL	31	10	0.31	Manual
										70W HPSV	80	2	0.16	Manual
16	Naya Bazar	Saraya Chokta, jain Mandir Wali Gali	3 Ph	2.24	0.87	12	29	9	Low Bay	250W HPSV	280	1	0.28	Manual
										150W HPSV	170	7	1.19	Manual
										1*40W FTL	55	18	0.99	Manual
										1*20W FTL	30	1	0.03	Manual
										70W HPSV	80	2	0.16	Manual
17	Naya Bazar	Lorari Wala Road	3 Ph	3.74	2.04	8	68	9	Low Bay	250W HPSV	280	1	0.28	Manual
										150W HPSV	170	8	1.36	Manual
										1*40W FTL	55	53	2.915	Manual
										1*20W FTL	31	5	0.155	Manual
										70W HPSV	80	1	0.08	Manual
18	New Sabzi Mandi	Rohatak Road	3 Ph	3.08	2.9	14	58	9	Low Bay	250W HPSV	280	15	4.2	Manual
										1*40W FTL	52	110	5.72	Manual
										1*20W FTL	31	2	0.062	Manual
19	New Sabzi Mandi	Sabzi Mandi-1	3 Ph	8.19	3.175	12	127	9	Low Bay	250W HPSV	280	15	4.2	Manual
										1*40W FTL	52	110	5.72	Manual

										1*20W FTL	30	2	0.06	Manual
20	New Sabzi Mandi	Sabji Mandi-2	3 Ph	2.12	0	10	53	9	Low Bay	1*40W FTL	52	53	2.756	Manual
21	Circular Road, Hansi Gate	Circular Road, Hansi Gate	1 Ph	3.83	0.96	16	32	9	Low Bay	250W HPSV	280	1	0.28	Manual
										150W HPSV	170	10	1.7	Manual
										1*40W FTL	55	52	2.86	Manual
22	D.C. Road	D.C. House	3 Ph	6.76	2.58	14	86	9	Low Bay	250W HPSV	280	2	0.56	Manual
										150W HPSV	170	25	4.25	Manual
										1*40W FTL	55	54	2.97	Manual
										70W HPSV	80	5	0.4	Manual
23	D.C. Road	Officers Colony	3 Ph	4.5	2.94	12	98	9	Low Bay	150W HPSV	170	6	1.02	Manual
										1*40W FTL	55	88	4.84	Manual
										1*20W FTL	31	4	0.124	Manual
24	D.C. Road	Nala Road	3 Ph	1.72	1.505	8	43	9	Low Bay	1*40W FTL	52	43	2.236	Manual
25	Hansi Road	Hansi Road	1 Ph	4.67	4.23	10	94	6	Low Bay	250W HPSV	280	1	0.28	Manual
										150W HPSV	170	7	1.19	Manual
										1*40W FTL	55	80	4.4	Manual
										1*20W FTL	31	5	0.155	Manual
										70W HPSV	80	1	0.08	Manual

26	Maham Road	Maham Road	1 Ph	21.63	9.36	8	208	9	Low Bay	250W HPSV	280	2	0.56	Manual
										150W HPSV	170	115	19.55	Manual
										1*40W FTL	55	87	4.785	Manual
27	Housing Board	Rhotak Road Divider	1 Ph	9.6	4.77	10	106	9	Low Bay	250W HPSV	280	4	1.12	Manual
										150W HPSV	170	40	6.8	Manual
										1*40W FTL	55	58	3.19	Manual
										70W HPSV	80	4	0.32	Manual
28	Krishna Colony	Mal godown Road	3 Ph	7.24	2.64	8	88	9	Low Bay	250W HPSV	280	2	0.56	Manual
										150W HPSV	170	30	5.1	Manual
										1*40W FTL	55	56	3.08	Manual
29	Krishna Colony	Dr. Khurana	3 Ph	6.26	2.25	10	75	9	Low Bay	250W HPSV	280	2	0.56	Manual
										150W HPSV	170	25	4.25	Manual
										1*40W FTL	55	45	2.475	Manual
										70W HPSV	80	3	0.24	Manual
30	Krishna Colony	Gandhi Nagar	3 Ph	2.38	1.08	12	36	9	Low Bay	250W HPSV	280	2	0.56	Manual
										150W HPSV	170	6	1.02	Manual
										1*40W FTL	55	16	0.88	Manual
										1*20W FTL	31	10	0.31	Manual

										70W HPSV	80	2	0.16	Manual
31	Tosham Road	Tosham Road	1 Ph	7.12	4.305	10	123	9	Low Bay	250W HPSV	280	2	0.56	Manual
										150W HPSV	170	8	1.36	Manual
										1*40W FTL	55	98	5.39	Manual
										100W GLS	100	15	1.5	Manual
32	Durga Road	Durga Colony	1 Ph	2.1	1.36	8	34	9	Low Bay	150W HPSV	170	2	0.34	Manual
										1*40W FTL	55	18	0.99	Manual
										1*20W FTL	31	4	0.124	Manual
										100W GLS	100	10	1	Manual
33	Vidhya Nagar	Chouwan Footta Road	3 Ph	2.06	1.044	12	29	9	Low Bay	150W HPSV	170	6	1.02	Manual
										1*40W FTL	52	19	0.988	Manual
										100W GLS	100	4	0.4	Manual
34	Vidhya Nagar	Choudhary Dharmveer Mantri	3 Ph	6.93	3.955	10	113	9	Low Bay	150W HPSV	170	5	0.85	Manual
										1*40W FTL	55	76	4.18	Manual
										70W HPSV	80	2	0.16	Manual
										100W GLS	100	30	3	Manual
35	Vidhya Nagar	Maham Road	3 Ph	4.42	2.555	8	73	9	Low Bay	150W HPSV	170	10	1.7	Manual
										1*40W FTL	55	23	1.265	Manual



										1*20W FTL	31	25	0.775	Manual
										100W GLS	100	15	1.5	Manual
36	Dadri Gate	Kaunt Road	1 Ph	3.78	2.765	12	79	9	Low Bay	1*40W FTL	55	65	3.575	Manual
										1*20W FTL	31	2	0.062	Manual
										70W HPSV	80	2	0.16	Manual
										100W GLS	100	10	1	Manual
37	D.C. colony	D.C. colony	1 Ph	1.76	1.76	10	44	9	Low Bay	1*40W FTL	52	44	2.288	Manual
38	ESI dispensary	Hansi Road	1 Ph	2.31	0.775	10	31	9	Low Bay	250W HPSV	280	1	0.28	Manual
										150W HPSV	170	6	1.02	Manual
										1*40W FTL	55	9	0.495	Manual
										1*20W FTL	31	8	0.248	Manual
										70W HPSV	80	2	0.16	Manual
										100W GLS	100	5	0.5	Manual
39	M.C. Colony	M.C. Colony Rhotak Road	1 Ph	12.58	8.95	8	179	9	Low Bay	250W HPSV	280	12	3.36	Manual
										150W HPSV	170	20	3.4	Manual
										1*40W FTL	55	110	6.05	Manual
										1*20W FTL	31	19	0.589	Manual
										100W GLS	100	18	1.8	Manual

40	K.R. Eye Hospital	Bhardwaj Hospital(near Sahu Lab)	1 Ph	19.92	3.465	12	99	9	Low Bay	250W HPSV	280	76	21.28	Manual
										1*40W FTL	52	23	1.196	Manual
41	Dhani Rai singh	Circular Road	3 Ph	2.45	1.26	10	36	9	Low Bay	250W HPSV	280	1	0.28	Manual
										150W HPSV	170	8	1.36	Manual
										1*40W FTL	55	23	1.265	Manual
										1*20W FTL	31	4	0.124	Manual
42	Dhani Rai singh	Dhani Rai Singh	3 Ph	7.19	5.22	8	174	9	Low Bay	250W HPSV	280	1	0.28	Manual
										150W HPSV	170	6	1.02	Manual
										1*40W FTL	55	130	7.15	Manual
										1*20W FTL	31	35	1.085	Manual
										70W HPSV	80	2	0.16	Manual
43	Dhani Rai singh	NC	3 Ph	5.62	0	12	157	9	Low Bay	1*40W FTL	52	124	6.448	Manual
										1*20W FTL	31	33	1.023	Manual
44	Ramnagar Chowk	Ram Nagar Colony(near BTM Chowk)	1 Ph	5.69	3.51	8	117	9	Low Bay	250W HPSV	280	1	0.28	Manual
										150W HPSV	170	5	0.85	Manual
										1*40W FTL	55	100	5.5	Manual
										1*20W FTL	31	4	0.124	Manual

										70W HPSV	80	3	0.24	Manual
										100W GLS	100	4	0.4	Manual
45	Khaliram Gali	Khaliram Gali	1 Ph	4.68	2.43	10	81	9	Low Bay	250W HPSV	280	2	0.56	Manual
										150W HPSV	170	10	1.7	Manual
										1*40W FTL	55	60	3.3	Manual
										1*20W FTL	31	7	0.217	Manual
										70W HPSV	80	2	0.16	Manual
46	Krishna Soda Water Factory	Behind Gwar Factory	3 Ph	3.47	2.065	8	59	9	Low Bay	250W HPSV	280	1	0.28	Manual
										150W HPSV	170	6	1.02	Manual
										1*40W FTL	55	40	2.2	Manual
										1*20W FTL	31	6	0.186	Manual
										100W GLS	100	6	0.6	Manual
47	Krishna Soda Water Factory	Brij pal MC Colony	3 Ph	5.69	3.64	12	104	9	Low Bay	250W HPSV	280	2	0.56	Manual
										150W HPSV	170	5	0.85	Manual
										1*40W FTL	55	80	4.4	Manual
										1*20W FTL	31	5	0.155	Manual
										70W HPSV	80	2	0.16	Manual
										100W GLS	100	10	1	Manual

48	Krishna Soda Water Factory	NC	3 Ph	0	0	10	0	0	Low Bay				0	Manual
49	Maham Road Near Bad Tree	Maham Road	1 Ph	2.8	1.96	8	56	9	Low Bay	250W HPSV	280	1	0.28	Manual
										150W HPSV	170	1	0.17	Manual
										1*40W FTL	55	50	2.75	Manual
										100W GLS	100	4	0.4	Manual
50	Krishna Colony	Krishna Colony	3 Ph	4.3			1	16	High Bay	400W HPSV	450	18	8.1	Manual
51	Dadri Gate	Dadri Gate	3 Ph	4.736			1	16	High Bay	400W HPSV	450	18	8.1	Manual
52	Ghanta Ghar	Ghanta Ghar	3 Ph	5.11			1	16	High Bay	400W HPSV	450	18	8.1	Manual
53	Maharana Pratap Chowk	Maharana Pratap Chowk	3 Ph	4.99			1	20	High Bay	400W HPSV	450	18	8.1	Manual
54	Agarsan Chowk	Agarsan Chowk	3 Ph	8.4			1	23	High Bay	400W MH	450	22	9.9	Manual
55	Vasya Colony	Vasya Colony	3 Ph	6.7			1	16	High Bay	400W HPSV	450	18	8.1	Manual
56	Lalalajpat chowk	Lalalajpat chowk	3 Ph	4.34			1	16	High Bay	400W HPSV	450	16	7.2	Manual
57	Hanuman Gate	Hanuman Gate	3 Ph	5.25			1	16	High Bay	400W HPSV	450	18	8.1	Manual
58	BTM Chowk	BTM Chowk	3 Ph	5.25			1	16	High Bay	400W HPSV	450	18	8.1	Manual
59	Dinod Gate	Dinod Gate	3 Ph	3.99			1	16	High Bay	400W HPSV	450	12	5.4	Manual

## Appendix B/3/2

### Switching Point wise Illumination Measurement

Sl. 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
						A1	A2	B1	B2	C1	C2	C3	C4	D		
1	Bichla Bazar	3 Ph	Lalmasjid,Karori mal	Side of Road	30	21	3	18	3	11	1	0	8	1	5.56	
2	Bichla Bazar	3 Ph	Jain Chowk,Chopte Bazar	Side of Road	30	19	4	20	3	15	1	0	12	0	6.37	
3	Bichla Bazar	3 Ph	Loha Market,Cloth Market	Side of Road	30	18	6	22	8	16	1	0	18	0	7.75	
4	Old Power House	3 Ph	Tosham Road	Side of Road	35	6	1	7	1	5	2	1	0	1	2.19	
5	Old Power House	3 Ph	Towards ghanta Ghar	Side of Road	35	7	2	9	2	6	3	1	1	1	2.87	
6	Old Power House	3 Ph	Towards BTM Chowk	Side of Road	35	14	4	13	2	11	7	1	0	1	4.69	
7	Anaj Mandi	1 Ph	Maham Road	Side of Road	20	18	2	16	2	12	1	0	6	1	5	
8	Anaj Mandi	1 Ph	Maham Road	Side of Road	20	20	4	16	1	15	10	1	0	0	5.81	
9	Anaj Mandi	1 Ph	Maham Road	Side of Road	20	15	9	21	15	14	0	1	18	1	8.12	
10	Shivnagar	3 Ph	Alvas Gate	Side of Road	35	32	6	36	4	48	7	3	32	4	17.12	
11	Shivnagar	3 Ph	Swami tirpa kiyan	Side of Road	35	15	4	14	2	9	8	1	0	1	4.69	
12	Shivnagar	3 Ph	NW	Side of Road	35	18	2	19	3	10	7	1	0	1	5.12	
13	Noonsar Tank	1 Ph	Noonsarjha	Side of Road	30	46	4	48	8	14	7	2	18	3	12.5	
14	Noonsar Tank	1 Ph	Noonsarjha	Side of Road	30	17	6	15	5	13	1	0	12	0	5.94	

15	Noonsar Tank	1 Ph	Noonsarjha	Side of Road	30	11	4	13	4	6	8	1	0	1	4.12
16	Patram Gate	3 Ph	Dyani Charkhan	Side of Road	30	34	2	38	4	23	2	1	28	1	11.87
17	Patram Gate	3 Ph	DyANI charan	Side of Road	30	15	2	18	3	21	2	1	1	1	5.75
18	Patram Gate	3 Ph	Patram Road	Side of Road	50	6	1	5	1	3	2	0	0	0	1.44
19	Naya Bazar	3 Ph	Naya bazar Road ,Ara Road	Side of Road	30	16	6	19	9	20	1	0	13	0	7.37
20	Naya Bazar	3 Ph	Saraya Chokta, jain Mandir Wali Gali	Side of Road	30	17	3	9	2	21	1	0	5	1	5.56
21	Naya Bazar	3 Ph	Lorari Wala Road	Centre of Verge	30	5	1	4	1	3	0	0	2	0	1.31
22	New Sabzi Mandi	3 Ph	Rohatak Road	Side of Road	50	46	5	34	6	23	1	2	14	1	10.94
23	New Sabzi Mandi	3 Ph	Sabzi Mandi-1	Side of Road	25	22	4	22	6	12	1	0	10	1	6.50
24	New Sabzi Mandi	3 Ph	Sabji Mandi-2	Side of Road	25	24	5	23	4	14	1	0	13	1	7.25
25	Circular Road, Hansi Gate	1 Ph	Circular Road, Hansi Gate	Side of Road	30	55	28	53	25	57	6	7	50	7	26.81
26	Circular Road, Hansi Gate	1 Ph	Circular Road, Hansi Gate	Side of Road	30	63	35	22	13	14	81	9	6	12	25.06
27	Circular Road, Hansi Gate	1 Ph	Circular Road, Hansi Gate	Side of Road	30	22	4	22	6	12	1	0	10	1	6.50
28	D.C. Road	3 Ph	D.C. House	Side of Road	30	61	4	56	4	23	1	0	40	1	16.06
29	D.C. Road	3 Ph	Officers Colony	Side of Road	30	12	2	14	3	9	9	1	0	0	4.31
30	D.C. Road	3 Ph	Nala Road	Side of Road	35	11	1	16	1	5	6	1	0	1	3.56
31	Hansi Road	1 Ph	Hansi Road	Side of Road	45	10	6	9	5	8	1	0	7	1	4.12
32	Hansi Road	1 Ph	Hansi Road	Side of Road	45	23	10	28	8	15	3	2	18	2	9.56
33	Hansi Road	1 Ph	Hansi Road	Side of Road	45	19	4	15	3	8	1	1	5	2	4.94
34	Maham Road	1 Ph	Maham Road	Side of Road	45	8	1	7	1	2	1	0	3	1	2.06
35	Maham Road	1 Ph	Maham Road	Side of Road	45	8	2	12	2	7	6	0	9	0	4.25
36	Maham Road	1 Ph	Maham Road	Side of Road	45	13	9	8	4	11	1	0	6	1	4.62
37	Housing Board	1 Ph	Rhotak Road Divider	Side of Road	45	32	3	19	8	19	3	1	10	2	8.50
38	Housing Board	1 Ph	Rhotak Road Divider	Side of Road	45	12	2	15	3	6	5	1	0	1	3.75
39	Housing Board	1 Ph	Rhotak Road Divider	Side of Road	45	15	3	17	4	8	6	1	0	1	4.56
40	Krishna Colony	3 Ph	Mal godown Road	Side of Road	30	19	14	20	16	21	1	0	21	0	9.69
41	Krishna Colony	3 Ph	Dr. Khurana	Side of Road	30	19	4	15	3	8	1	1	5	2	4.94
42	Krishna Colony	3 Ph	Gandhi Nagar	Side of Road	30	18	2	16	2	12	1	0	6	1	5

43	Tosham Road	1 Ph	Tosham Road	Side of Road	35	17	6	15	5	13	1	0	12	0	5.94
44	Tosham Road	1 Ph	Tosham Road	Side of Road	35	11	4	13	4	6	8	1	0	1	4.12
45	Tosham Road	1 Ph	Tosham Road	Side of Road	35	10	3	16	5	5	6	1	0	1	3.87
46	Durga Road	1 Ph	Durga Colony	Side of Road	40	12	2	14	3	9	9	1	0	0	4.31
47	Durga Road	1 Ph	Durga Colony	Side of Road	40	11	1	16	1	5	6	1	0	1	3.56
48	Durga Road	1 Ph	Durga Colony	Side of Road	40	9	2	8	1	5	1	0	4	0	2.5
49	Vidhya Nagar	3 Ph	Chouwan Footta Road	Side of Road	36	8	1	7	1	5	1	0	4	1	2.56
50	Vidhya Nagar	3 Ph	Choudhary Dhamveer Mantri	Highmast	35	12	3	18	3	5	6	1	0	1	4
51	Vidhya Nagar	3 Ph	Maham Road	Highmast	35	8	1	6	1	5	3	1	0	1	2.37
52	Dadri Gate	1 Ph	Kaunt Road	Highmast	35	11	2	12	3	3	4	1	4	3	4
53	Dadri Gate	1 Ph	Kaunt Road	Highmast	35	12	2	10	1	8	1	0	6	1	3.69
54	Dadri Gate	1 Ph	Kaunt Road	Highmast	35	12	4	17	4	4	1	0	2	1	3.44
55	D.C. colony	1 Ph	D.C. colony	Highmast	40	5	1	7	1	2	1	0	4	0	1.75
56	D.C. colony	1 Ph	D.C. colony	Highmast	40	15	2	18	3	21	2	1	1	1	5.75
57	D.C. colony	1 Ph	D.C. colony	Highmast	40	6	1	5	1	3	2	0	0	0	1.44
58	ESI dispensary	1 Ph	Hansi Road	Highmast	25	7	1	6	1	3	1	0	2	1	1.94
59	ESI dispensary	1 Ph	Hansi Road	Highmast	25	2	0	2	1	1	0	1	1	0	0.69
60	ESI dispensary	1 Ph	Hansi Road	Side of Road	25	5	2	10	4	4	0	1	8	1	3.19
61	M.C. Colony	1 Ph	M.C. Colony Rhotak Road	Side of Road	50	92	15	35	8	62	6	1	20	5	21.75
62	M.C. Colony	1 Ph	M.C. Colony Rhotak Road	Side of Road	50	18	8	16	6	12	13	1	0	1	6.5
63	M.C. Colony	1 Ph	M.C. Colony Rhotak Road	Side of Road	50	19	9	15	6	14	12	1	0	1	6.69
64	K.R. Eye Hospital	1 Ph	Bhardwaj Hospital(near Sahu Lab)	Side of Road	35	9	2	8	1	5	1	0	4	0	2.50
65	K.R. Eye Hospital	1 Ph	Bhardwaj Hospital(near Sahu Lab)	Side of Road	35	12	2	15	3	6	5	1	0	1	3.75
66	K.R. Eye Hospital	1 Ph	Bhardwaj Hospital(near Sahu Lab)	Side of Road	35	15	3	17	4	8	6	1	0	1	4.56
67	Dhani Rai singh	3 Ph	Circular Road	Side of Road	35	18	8	16	7	13	12	1	0	1	6.56
68	Dhani Rai singh	3 Ph	Dhani Rai Singh	Side of Road	30	17	8	18	6	12	1	0	13	1	6.56
69	Dhani Rai singh	3 Ph	NC	Side of Road	30	14	8	17	4	12	11	1	0	1	5.94
70	Ramnagar Chowk	1 Ph	Ram Nagar Colony(near BTM Chowk)	Side of Road	30	60	8	64	16	32	11	7	39	9	22.62
71	Ramnagar Chowk	1 Ph	Ram Nagar Colony(near BTM	Side of Road	30	43	2	55	1	8	1	0	6	1	8.44

			Chowk)												
72	Ramnagar Chowk	1 Ph	Ram Nagar Colony(near BTM Chowk)	Side of Road	30	61	4	56	4	4	1	0	2	1	8.94
73	Khaliram Gali	1 Ph	Khaliram Gali	Side of Road	30	6	1	7	1	5	2	1	0	1	2.19
74	Khaliram Gali	1 Ph	Khaliram Gali	Side of Road	30	7	2	9	2	6	3	1	1	1	2.87
75	Khaliram Gali	1 Ph	Khaliram Gali	Side of Road	30	14	4	13	2	11	7	1	0	1	4.69
76	Krishna Soda Water Factory	3 Ph	Behind Gwar Factory	Side of Road	35	15	2	10	1	7	1	1	2	1	3.37
77	Krishna Soda Water Factory	3 Ph	Brij pal MC Colony	Side of Road	35	12	3	18	3	5	6	1	0	1	4
78	Krishna Soda Water Factory	3 Ph	NC	Side of Road	0	8	1	6	1	5	3	1	0	1	2.37
79	Maham Road Near Bad Tree	1 Ph	Maham Road	Side of Road	35	9	2	7	1	8	1	1	4	1	3.19
80	Maham Road Near Bad Tree	1 Ph	Maham Road	Side of Road	35	16	6	19	9	20	1	0	13	0	7.37
81	Maham Road Near Bad Tree	1 Ph	Maham Road	Side of Road	35	17	3	9	2	21	1	0	5	1	5.56
82	Krishna Colony	3 Ph	Krishna Colony	Side of Road	0	130	144	128	135	125	84	90	100	80	98.92
83	Dadri Gate	3 Ph	Dadri Gate	Side of Road	0	59	44	63	65	37	28	32	38	14	36.08
84	Ghanta Ghar	3 Ph	Ghanta Ghar	Side of Road	0	40	50	46	19	42	49	45	16	31	35
85	Maharana Pratap Chowk	3 Ph	Maharana Pratap Chowk	Side of Road	0	23	15	21	17	22	19	14	15	16	16.25
86	Agarsan Chowk	3 Ph	Agarsan Chowk	Side of Road	0	38	20	35	43	19	9	15	28	9	20
87	Vasya Colony	3 Ph	Vasya Colony	Side of Road	0	46	116	70	110	50	84	52	118	33	73.83
88	Lalalajpat chowk	3 Ph	Lalalajpat chowk	Side of Road	0	55	68	43	76	36	56	19	51	9	39.17
89	Hanuman Gate	3 Ph	Hanuman Gate	Side of Road	0	58	45	64	55	34	15	32	36	10	32.25
90	BTM Chowk	3 Ph	BTM Chowk	Side of Road	0	139	137	240	289	121	37	63	39	17	93.67
91	Dinod Gate	3 Ph	Dinod Gate	Side of Road	0	74	57	48	40	68	43	43	36	65	47.5



## Appendix B/3/3

### Switching Point wise Service Delivery & SEC

Sl. No	Switch (Metering) Point location	Road Category	Total Installed Load (kW)	Measured Load (kW)	% Burn Out (Installed Load – Measured Load) / Installed Load	Annual Energy Consumption (kWh)	Annual Energy Consumption (kWh)	Avg. Illumination (Lux)	kWh / Annum / lux	kWh / Annum / kW <sub>installed</sub>
						(365 days x Avg. Operating Hours x kW measured)	(From Utility Bills)			
1	Bichla Bazar	B1	11.894	2.3	0.807	9234.5		5.56	1660.13	776.40
2	Bichla Bazar	B1	9.702	5.5	0.433	22082.5		6.38	3463.92	2276.08
3	Bichla Bazar	B1	22.117	1.69	0.924	6785.35		7.75	875.53	306.79
4	Old Power House	B1	8.94	4.3	0.519	17264.5		2.19	7892.34	1931.15
5	Old Power House	B1	8.432	2.5	0.704	10037.5		2.88	3491.30	1190.41
6	Old Power House	B1	10.165	3.6	0.646	14454		4.69	3083.52	1421.94
7	Anaj Mandi	B1	8.08	0.32	0.960	1284.8		10.45	122.95	159.01
8	Shivnagar	B2	8.688	0.85	0.902	3412.75		17.13	199.28	392.81
9	Shivnagar	B2	10.84	1.92	0.823	7708.8		4.69	1644.54	711.14
10	Shivnagar	B2	2.7	1.14	0.578	4577.1		5.13	893.09	1695.22
11	Noonsar Tank	B2	3.56	0.48	0.865	1927.2		6.78	284.12	541.35
12	Patram Gate	B1	3.93	3.97	-0.010	15939.55		11.88	1342.28	4055.87
13	Patram Gate	B1	4.718	0.82	0.826	3292.3		5.75	572.57	697.82
14	Patram Gate	B1	5.588	0.99	0.823	3974.85		1.44	2765.11	711.32
15	Naya Bazar	B1	5.274	1.23	0.767	4938.45		7.38	669.62	936.38
16	Naya Bazar	B1	2.749	0.478	0.826	1919.17		5.56	345.02	698.13
17	Naya Bazar	B1	4.817	2.57	0.466	10318.55		1.31	7861.75	2142.11
18	New Sabzi Mandi	B2	3.998	3.086	0.228	12390.29		10.94	1132.83	3099.12
19	New Sabzi Mandi	B2	10.344	0.383	0.963	1537.745		6.50	236.58	148.66

20	New Sabzi Mandi	B2	2.862	1.505	0.474	6042.575		7.25	833.46	2111.31
21	Circular Road, Hansi Gate	A2	4.898	1.54	0.686	6183.1		20.23	305.58	1262.37
22	D.C. Road	A2	8.446	0.617	0.927	2477.255		16.06	154.23	293.31
23	D.C. Road	A2	5.94	3.53	0.406	14172.95		4.31	3286.48	2386.02
24	D.C. Road	A2	2.322		1.000	0		3.56	0.00	0.00
25	Hansi Road	A2	6.095	0.612	0.900	2457.18		8.43	291.48	403.15
26	Maham Road	A2	26.378	0.939	0.964	3770.085		4.32	872.70	142.93
27	Housing Board	B1	11.852	0.41	0.965	1646.15		5.56	296.07	138.89
28	Krishna Colony	B2	9.004	3.3	0.633	13249.5		9.69	1367.69	1471.51
29	Krishna Colony	B2	7.78	2.3	0.704	9234.5		4.94	1870.28	1186.95
30	Krishna Colony	B2	2.974	5.2	-0.748	20878		5.00	4175.60	7020.17
31	Tosham Road	A2	8.812	0.46	0.948	1846.9		5.34	345.86	209.59
32	Durga Road	B1	2.44	1.335	0.453	5360.025		3.80	1411.28	2196.73
33	Vidhya Nagar	B2	2.506	0.29	0.884	1164.35		2.56	454.38	464.62
34	Vidhya Nagar	B2	8.184	1.19	0.855	4777.85		4.00	1194.46	583.80
35	Vidhya Nagar	B2	5.217	0.61	0.883	2449.15		2.38	1031.22	469.46
36	Dadri Gate	A2	4.744	1.1	0.768	4416.5		4.23	1043.10	930.97
37	D.C. colony	B1	2.376	0.26	0.891	1043.9		2.44	428.53	439.35
38	ESI dispensary	B1	2.752	0.711	0.742	2854.665		1.76	1625.66	1037.31
39	M.C. Colony	B1	15.333	5.47	0.643	21962.05		7.40	2968.65	1432.34
40	K.R. Eye Hospital	B1	23.282	0.078	0.997	313.17		3.77	83.09	13.45
41	Dhani Rai singh	B1	3.08		1.000	0		6.56	0.00	0.00
42	Dhani Rai singh	B1	9.515	1.85	0.806	7427.75		6.56	1131.85	780.64
43	Dhani Rai singh	B1	7.587	1.1	0.855	4416.5		5.94	743.83	582.11
44	Ramnagar Chowk	B1	7.368	0.56	0.924	2248.4		14.98	150.06	305.16
45	Khaliram Gali	B2	5.989	0.72	0.880	2890.8		3.12	926.54	482.68
46	Krishna Soda Water Factory	B1	4.292	0.73	0.830	2930.95		3.38	868.43	682.89
47	Krishna Soda Water Factory	B1	7.115		1.000	0		4.00	0.00	0.00
48	Krishna Soda Water Factory	B1	0	0.804	0.352	3228.06		2.38	1359.18	2603.27
49	Maham Road Near Bad Tree	B1	3.57	0.505	0.859	2027.575		6.43	315.33	567.95
50	Krishna Colony	B2	8.1	4.32	0.467	17344.8		98.92	175.35	2141.33
51	Dadri Gate	A2	8.1	0.93	0.885	3733.95		36.08	103.48	460.98
52	Ghanta Ghar	A2	8.1	3.905	0.518	15678.575		35.00	447.96	1935.63

53	Maharana Pratap Chowk	B1	8.1	5.12	0.368	20556.8		16.25	1265.03	2537.88
54	Agarsan Chowk	B1	9.9	8.4	0.152	33726		20.00	1686.30	3406.67
55	Vasya Colony	B2	8.1	6.63	0.181	26619.45		73.83	360.53	3286.35
56	Lalalajpat chowk	B1	7.2	4.34	0.397	17425.1		39.17	444.90	2420.15
57	Hanuman Gate	B1	8.1	2.69	0.668	10800.35		32.25	334.89	1333.38
58	BTM Chowk	B1	8.1	4.72	0.417	18950.8		93.67	202.32	2339.60
59	Dinod Gate	B1	5.4	4.61	0.146	18509.15		47.50	389.67	3427.62

## 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.)
Bichla Bazar	SL1	2008	Apr	3840		
Bichla Bazar	SL1	2008	May	4830		
Bichla Bazar	SL1	2008	Jun	3090		
Bichla Bazar	SL1	2008	Jul	2850		
Bichla Bazar	SL1	2008	Aug	3510		
Bichla Bazar	SL1	2008	Sep	4450		
Bichla Bazar	SL1	2008	Oct	600		
Bichla Bazar	SL1	2008	Nov	3900		
Bichla Bazar	SL1	2008	Dec	4050		
Bichla Bazar	SL1	2009	Jan	7710		
Bichla Bazar	SL1	2009	Feb	7290		
Bichla Bazar	SL1	2009	Mar	4950		
Old Power House	SL1	2008	Apr	1320		
Old Power House	SL1	2008	May	2470		
Old Power House	SL1	2008	Jun	1320		
Old Power House	SL1	2008	Jul	3900		
Old Power House	SL1	2008	Aug	1620		
Old Power House	SL1	2008	Sep	3000		
Old Power House	SL1	2008	Oct	1750		
Old Power House	SL1	2008	Nov	3450		
Old Power House	SL1	2008	Dec	3900		
Old Power House	SL1	2009	Jan	2100		
Old Power House	SL1	2009	Feb	3330		
Old Power House	SL1	2009	Mar	3090		
Anaj Mandi	SL1	2008	Apr	2500		
Anaj Mandi	SL1	2008	May	2500		
Anaj Mandi	SL1	2008	Jun	2500		
Anaj Mandi	SL1	2008	Jul	2500		
Anaj Mandi	SL1	2008	Aug	2500		
Anaj Mandi	SL1	2008	Sep	2500		
Anaj Mandi	SL1	2008	Oct	2500		
Anaj Mandi	SL1	2008	Nov	2500		
Anaj Mandi	SL1	2008	Dec	2500		
Anaj Mandi	SL1	2009	Jan	2500		
Anaj Mandi	SL1	2009	Feb	2500		
Anaj Mandi	SL1	2009	Mar	2500		
Shivnagar	SL1	2008	Apr	1745		
Shivnagar	SL1	2008	May	1478		
Shivnagar	SL1	2008	Jun	674		

Shivnagar	SL1	2008	Jul	806		
Shivnagar	SL1	2008	Aug	1187		
Shivnagar	SL1	2008	Sep	1500		
Shivnagar	SL1	2008	Oct	2000		
Shivnagar	SL1	2008	Nov	2000		
Shivnagar	SL1	2008	Dec	2500		
Shivnagar	SL1	2009	Jan	2500		
Shivnagar	SL1	2009	Feb	2500		
Shivnagar	SL1	2009	Mar	2500		
Noonsar Tank	SL1	2008	Apr	2500		
Noonsar Tank	SL1	2008	May	2500		
Noonsar Tank	SL1	2008	Jun	2500		
Noonsar Tank	SL1	2008	Jul	2500		
Noonsar Tank	SL1	2008	Aug	2500		
Noonsar Tank	SL1	2008	Sep	2500		
Noonsar Tank	SL1	2008	Oct	2500		
Noonsar Tank	SL1	2008	Nov	2500		
Noonsar Tank	SL1	2008	Dec	2500		
Noonsar Tank	SL1	2009	Jan	2500		
Noonsar Tank	SL1	2009	Feb	2500		
Noonsar Tank	SL1	2009	Mar	2500		
Patram Gate	SL1	2008	Apr	2500		
Patram Gate	SL1	2008	May	2500		
Patram Gate	SL1	2008	Jun	2500		
Patram Gate	SL1	2008	Jul	2500		
Patram Gate	SL1	2008	Aug	2500		
Patram Gate	SL1	2008	Sep	2500		
Patram Gate	SL1	2008	Oct	2500		
Patram Gate	SL1	2008	Nov	2500		
Patram Gate	SL1	2008	Dec	2500		
Patram Gate	SL1	2009	Jan	2500		
Patram Gate	SL1	2009	Feb	2500		
Patram Gate	SL1	2009	Mar	2500		
Naya Bazar	SL1	2008	Apr	2500		
Naya Bazar	SL1	2008	May	2500		
Naya Bazar	SL1	2008	Jun	2500		
Naya Bazar	SL1	2008	Jul	2500		
Naya Bazar	SL1	2008	Aug	2500		
Naya Bazar	SL1	2008	Sep	2500		
Naya Bazar	SL1	2008	Oct	2500		
Naya Bazar	SL1	2008	Nov	1560		
Naya Bazar	SL1	2008	Dec	1440		
Naya Bazar	SL1	2009	Jan	1580		
Naya Bazar	SL1	2009	Feb	990		
Naya Bazar	SL1	2009	Mar	1290		

New Sabzi Mandi	SL1	2008	Apr	2500		
New Sabzi Mandi	SL1	2008	May	2500		
New Sabzi Mandi	SL1	2008	Jun	2500		
New Sabzi Mandi	SL1	2008	Jul	2500		
New Sabzi Mandi	SL1	2008	Aug	2500		
New Sabzi Mandi	SL1	2008	Sep	2500		
New Sabzi Mandi	SL1	2008	Oct	2500		
New Sabzi Mandi	SL1	2008	Nov	2500		
New Sabzi Mandi	SL1	2008	Dec	2500		
New Sabzi Mandi	SL1	2009	Jan	2500		
New Sabzi Mandi	SL1	2009	Feb	2500		
New Sabzi Mandi	SL1	2009	Mar	2500		
Circular Road, Hansi Gate	SL1	2008	Apr	2000		
Circular Road, Hansi Gate	SL1	2008	May	2000		
Circular Road, Hansi Gate	SL1	2008	Jun	2500		
Circular Road, Hansi Gate	SL1	2008	Jul	2500		
Circular Road, Hansi Gate	SL1	2008	Aug	2500		
Circular Road, Hansi Gate	SL1	2008	Sep	2500		
Circular Road, Hansi Gate	SL1	2008	Oct	2500		
Circular Road, Hansi Gate	SL1	2008	Nov	2500		
Circular Road, Hansi Gate	SL1	2008	Dec	2500		
Circular Road, Hansi Gate	SL1	2009	Jan	2500		
Circular Road, Hansi Gate	SL1	2009	Feb	2500		
Circular Road, Hansi Gate	SL1	2009	Mar	2500		
D.C. Road	SL1	2008	Apr	2000		
D.C. Road	SL1	2008	May	2500		
D.C. Road	SL1	2008	Jun	2500		
D.C. Road	SL1	2008	Jul	2500		
D.C. Road	SL1	2008	Aug	1963		
D.C. Road	SL1	2008	Sep	2557		
D.C. Road	SL1	2008	Oct	2435		
D.C. Road	SL1	2008	Nov	848		
D.C. Road	SL1	2008	Dec	1377		
D.C. Road	SL1	2009	Jan	2189		
D.C. Road	SL1	2009	Feb	2115		
D.C. Road	SL1	2009	Mar	2500		
Hansi Road	SL1	2008	Apr	1558		
Hansi Road	SL1	2008	May	2215		
Hansi Road	SL1	2008	Jun	1574		
Hansi Road	SL1	2008	Jul	833		
Hansi Road	SL1	2008	Aug	1495		
Hansi Road	SL1	2008	Sep	1442		
Hansi Road	SL1	2008	Oct	1050		
Hansi Road	SL1	2008	Nov	2000		
Hansi Road	SL1	2008	Dec	2500		

Hansi Road	SL1	2009	Jan	2500		
Hansi Road	SL1	2009	Feb	2500		
Hansi Road	SL1	2009	Mar	2500		
Maham Road	SL1	2008	Apr	2000		
Maham Road	SL1	2008	May	2500		
Maham Road	SL1	2008	Jun	2500		
Maham Road	SL1	2008	Jul	2500		
Maham Road	SL1	2008	Aug	2500		
Maham Road	SL1	2008	Sep	2500		
Maham Road	SL1	2008	Oct	2500		
Maham Road	SL1	2008	Nov	2500		
Maham Road	SL1	2008	Dec	2500		
Maham Road	SL1	2009	Jan	2500		
Maham Road	SL1	2009	Feb	2500		
Maham Road	SL1	2009	Mar	2500		
Housing Board	SL1	2008	Apr	2000		
Housing Board	SL1	2008	May	2500		
Housing Board	SL1	2008	Jun	2500		
Housing Board	SL1	2008	Jul	2500		
Housing Board	SL1	2008	Aug	2500		
Housing Board	SL1	2008	Sep	2500		
Housing Board	SL1	2008	Oct	2500		
Housing Board	SL1	2008	Nov	2500		
Housing Board	SL1	2008	Dec	2500		
Housing Board	SL1	2009	Jan	2500		
Housing Board	SL1	2009	Feb	2500		
Housing Board	SL1	2009	Mar	2500		
Krishna Colony	SL1	2008	Apr	2301		
Krishna Colony	SL1	2008	May	1923		
Krishna Colony	SL1	2008	Jun	2500		
Krishna Colony	SL1	2008	Jul	1379		
Krishna Colony	SL1	2008	Aug	2500		
Krishna Colony	SL1	2008	Sep	1322		
Krishna Colony	SL1	2008	Oct	2500		
Krishna Colony	SL1	2008	Nov	2500		
Krishna Colony	SL1	2008	Dec	2500		
Krishna Colony	SL1	2009	Jan	2500		
Krishna Colony	SL1	2009	Feb	2500		
Krishna Colony	SL1	2009	Mar	2500		
Tosham Road	SL1	2008	Apr	2000		
Tosham Road	SL1	2008	May	2500		
Tosham Road	SL1	2008	Jun	2500		
Tosham Road	SL1	2008	Jul	2500		
Tosham Road	SL1	2008	Aug	2500		
Tosham Road	SL1	2008	Sep	2500		

Tosham Road	SL1	2008	Oct	2500		
Tosham Road	SL1	2008	Nov	2500		
Tosham Road	SL1	2008	Dec	2500		
Tosham Road	SL1	2009	Jan	2500		
Tosham Road	SL1	2009	Feb	2500		
Tosham Road	SL1	2009	Mar	2500		
Durga Road	SL1	2008	Apr	2000		
Durga Road	SL1	2008	May	2000		
Durga Road	SL1	2008	Jun	2500		
Durga Road	SL1	2008	Jul	2500		
Durga Road	SL1	2008	Aug	2500		
Durga Road	SL1	2008	Sep	2500		
Durga Road	SL1	2008	Oct	2500		
Durga Road	SL1	2008	Nov	2500		
Durga Road	SL1	2008	Dec	2500		
Durga Road	SL1	2009	Jan	2500		
Durga Road	SL1	2009	Feb	2500		
Durga Road	SL1	2009	Mar	2500		
Vidhya Nagar	SL1	2008	Apr	3600		
Vidhya Nagar	SL1	2008	May	3600		
Vidhya Nagar	SL1	2008	Jun	1465		
Vidhya Nagar	SL1	2008	Jul	2000		
Vidhya Nagar	SL1	2008	Aug	2500		
Vidhya Nagar	SL1	2008	Sep	2500		
Vidhya Nagar	SL1	2008	Oct	2500		
Vidhya Nagar	SL1	2008	Nov	4233		
Vidhya Nagar	SL1	2008	Dec	1806		
Vidhya Nagar	SL1	2009	Jan	1723		
Vidhya Nagar	SL1	2009	Feb	1590		
Vidhya Nagar	SL1	2009	Mar	1020		
Dadri Gate	SL1	2008	Apr	1380		
Dadri Gate	SL1	2008	May	1264		
Dadri Gate	SL1	2008	Jun	2500		
Dadri Gate	SL1	2008	Jul	2500		
Dadri Gate	SL1	2008	Aug	2500		
Dadri Gate	SL1	2008	Sep	2500		
Dadri Gate	SL1	2008	Oct	2500		
Dadri Gate	SL1	2008	Nov	2500		
Dadri Gate	SL1	2008	Dec	2500		
Dadri Gate	SL1	2009	Jan	2500		
Dadri Gate	SL1	2009	Feb	2500		
Dadri Gate	SL1	2009	Mar	2500		
D.C. colony	SL1	2008	Apr	2000		
D.C. colony	SL1	2008	May	2000		
D.C. colony	SL1	2008	Jun	2000		



D.C. colony	SL1	2008	Jul	2000		
D.C. colony	SL1	2008	Aug	2500		
D.C. colony	SL1	2008	Sep	2500		
D.C. colony	SL1	2008	Oct	2500		
D.C. colony	SL1	2008	Nov	2500		
D.C. colony	SL1	2008	Dec	2500		
D.C. colony	SL1	2009	Jan	1329		
D.C. colony	SL1	2009	Feb	1314		
D.C. colony	SL1	2009	Mar	1310		
ESI dispensary	SL1	2008	Apr	2000		
ESI dispensary	SL1	2008	May	2500		
ESI dispensary	SL1	2008	Jun	2500		
ESI dispensary	SL1	2008	Jul	2500		
ESI dispensary	SL1	2008	Aug	2500		
ESI dispensary	SL1	2008	Sep	2500		
ESI dispensary	SL1	2008	Oct	2500		
ESI dispensary	SL1	2008	Nov	2500		
ESI dispensary	SL1	2008	Dec	2500		
ESI dispensary	SL1	2009	Jan	2500		
ESI dispensary	SL1	2009	Feb	2500		
ESI dispensary	SL1	2009	Mar	2500		
M.C. Colony	SL1	2008	Apr	2000		
M.C. Colony	SL1	2008	May	2500		
M.C. Colony	SL1	2008	Jun	2500		
M.C. Colony	SL1	2008	Jul	2500		
M.C. Colony	SL1	2008	Aug	2500		
M.C. Colony	SL1	2008	Sep	2500		
M.C. Colony	SL1	2008	Oct	2500		
M.C. Colony	SL1	2008	Nov	2500		
M.C. Colony	SL1	2008	Dec	2500		
M.C. Colony	SL1	2009	Jan	2500		
M.C. Colony	SL1	2009	Feb	2500		
M.C. Colony	SL1	2009	Mar	2500		
K.R. Eye Hospital	SL1	2008	Apr	964		
K.R. Eye Hospital	SL1	2008	May	906		
K.R. Eye Hospital	SL1	2008	Jun	1304		
K.R. Eye Hospital	SL1	2008	Jul	1636		
K.R. Eye Hospital	SL1	2008	Aug	1507		
K.R. Eye Hospital	SL1	2008	Sep	1518		
K.R. Eye Hospital	SL1	2008	Oct	1772		
K.R. Eye Hospital	SL1	2008	Nov	1270		
K.R. Eye Hospital	SL1	2008	Dec	2361		
K.R. Eye Hospital	SL1	2009	Jan	2319		
K.R. Eye Hospital	SL1	2009	Feb	1746		
K.R. Eye Hospital	SL1	2009	Mar	1455		

Dhani Rai singh	SL1	2008	Apr	2000		
Dhani Rai singh	SL1	2008	May	2500		
Dhani Rai singh	SL1	2008	Jun	2500		
Dhani Rai singh	SL1	2008	Jul	2500		
Dhani Rai singh	SL1	2008	Aug	2500		
Dhani Rai singh	SL1	2008	Sep	2500		
Dhani Rai singh	SL1	2008	Oct	2500		
Dhani Rai singh	SL1	2008	Nov	2500		
Dhani Rai singh	SL1	2008	Dec	2500		
Dhani Rai singh	SL1	2009	Jan	2500		
Dhani Rai singh	SL1	2009	Feb	2500		
Dhani Rai singh	SL1	2009	Mar	615		
Ramnagar Chowk	SL1	2008	Apr	0		
Ramnagar Chowk	SL1	2008	May	0		
Ramnagar Chowk	SL1	2008	Jun	0		
Ramnagar Chowk	SL1	2008	Jul	0		
Ramnagar Chowk	SL1	2008	Aug	0		
Ramnagar Chowk	SL1	2008	Sep	0		
Ramnagar Chowk	SL1	2008	Oct	0		
Ramnagar Chowk	SL1	2008	Nov	0		
Ramnagar Chowk	SL1	2008	Dec	0		
Ramnagar Chowk	SL1	2009	Jan	0		
Ramnagar Chowk	SL1	2009	Feb	0		
Ramnagar Chowk	SL1	2009	Mar	0		
Khaliram Gali	SL1	2008	Apr	0		
Khaliram Gali	SL1	2008	May	0		
Khaliram Gali	SL1	2008	Jun	0		
Khaliram Gali	SL1	2008	Jul	0		
Khaliram Gali	SL1	2008	Aug	0		
Khaliram Gali	SL1	2008	Sep	0		
Khaliram Gali	SL1	2008	Oct	0		
Khaliram Gali	SL1	2008	Nov	0		
Khaliram Gali	SL1	2008	Dec	0		
Khaliram Gali	SL1	2009	Jan	0		
Khaliram Gali	SL1	2009	Feb	0		
Khaliram Gali	SL1	2009	Mar	0		
Krishna Soda Water Factory	SL1	2008	Apr	0		
Krishna Soda Water Factory	SL1	2008	May	0		
Krishna Soda Water Factory	SL1	2008	Jun	0		
Krishna Soda Water Factory	SL1	2008	Jul	0		
Krishna Soda Water Factory	SL1	2008	Aug	0		
Krishna Soda Water Factory	SL1	2008	Sep	0		
Krishna Soda Water Factory	SL1	2008	Oct	0		
Krishna Soda Water Factory	SL1	2008	Nov	0		
Krishna Soda Water Factory	SL1	2008	Dec	0		

Krishna Soda Water Factory	SL1	2009	Jan	0		
Krishna Soda Water Factory	SL1	2009	Feb	0		
Krishna Soda Water Factory	SL1	2009	Mar	0		
Maham Road Near Bad Tree	SL1	2008	Apr	0		
Maham Road Near Bad Tree	SL1	2008	May	0		
Maham Road Near Bad Tree	SL1	2008	Jun	0		
Maham Road Near Bad Tree	SL1	2008	Jul	0		
Maham Road Near Bad Tree	SL1	2008	Aug	0		
Maham Road Near Bad Tree	SL1	2008	Sep	0		
Maham Road Near Bad Tree	SL1	2008	Oct	0		
Maham Road Near Bad Tree	SL1	2008	Nov	0		
Maham Road Near Bad Tree	SL1	2008	Dec	0		
Maham Road Near Bad Tree	SL1	2009	Jan	0		
Maham Road Near Bad Tree	SL1	2009	Feb	0		
Maham Road Near Bad Tree	SL1	2009	Mar	0		
Krishna Colony	SL1	2008	Apr	775		
Krishna Colony	SL1	2008	May	1539		
Krishna Colony	SL1	2008	Jun	1499		
Krishna Colony	SL1	2008	Jul	697		
Krishna Colony	SL1	2008	Aug	932		
Krishna Colony	SL1	2008	Sep	1810		
Krishna Colony	SL1	2008	Oct	789		
Krishna Colony	SL1	2008	Nov	2044		
Krishna Colony	SL1	2008	Dec	2850		
Krishna Colony	SL1	2009	Jan	2130		
Krishna Colony	SL1	2009	Feb	1090		
Krishna Colony	SL1	2009	Mar	730		
Dadri Gate	SL1	2008	Apr	0		
Dadri Gate	SL1	2008	May	0		
Dadri Gate	SL1	2008	Jun	0		
Dadri Gate	SL1	2008	Jul	0		
Dadri Gate	SL1	2008	Aug	0		
Dadri Gate	SL1	2008	Sep	0		
Dadri Gate	SL1	2008	Oct	0		
Dadri Gate	SL1	2008	Nov	0		
Dadri Gate	SL1	2008	Dec	2500		
Dadri Gate	SL1	2009	Jan	1913		
Dadri Gate	SL1	2009	Feb	2192		
Dadri Gate	SL1	2009	Mar	2209		
Ghanta Ghar	SL1	2008	Apr	2500		
Ghanta Ghar	SL1	2008	May	2500		
Ghanta Ghar	SL1	2008	Jun	2500		
Ghanta Ghar	SL1	2008	Jul	2500		
Ghanta Ghar	SL1	2008	Aug	2500		
Ghanta Ghar	SL1	2008	Sep	2500		

Ghanta Ghar	SL1	2008	Oct	2500		
Ghanta Ghar	SL1	2008	Nov	2500		
Ghanta Ghar	SL1	2008	Dec	2500		
Ghanta Ghar	SL1	2009	Jan	2500		
Ghanta Ghar	SL1	2009	Feb	2500		
Ghanta Ghar	SL1	2009	Mar	2500		
Maharana Pratap Chowk	SL1	2008	Apr	2500		
Maharana Pratap Chowk	SL1	2008	May	2500		
Maharana Pratap Chowk	SL1	2008	Jun	2500		
Maharana Pratap Chowk	SL1	2008	Jul	2500		
Maharana Pratap Chowk	SL1	2008	Aug	2500		
Maharana Pratap Chowk	SL1	2008	Sep	2500		
Maharana Pratap Chowk	SL1	2008	Oct	2500		
Maharana Pratap Chowk	SL1	2008	Nov	2500		
Maharana Pratap Chowk	SL1	2008	Dec	2500		
Maharana Pratap Chowk	SL1	2009	Jan	2500		
Maharana Pratap Chowk	SL1	2009	Feb	2500		
Maharana Pratap Chowk	SL1	2009	Mar	2500		
Agarsan Chowk	SL1	2008	Apr	2500		
Agarsan Chowk	SL1	2008	May	2500		
Agarsan Chowk	SL1	2008	Jun	2500		
Agarsan Chowk	SL1	2008	Jul	2500		
Agarsan Chowk	SL1	2008	Aug	2500		
Agarsan Chowk	SL1	2008	Sep	2500		
Agarsan Chowk	SL1	2008	Oct	2500		
Agarsan Chowk	SL1	2008	Nov	2500		
Agarsan Chowk	SL1	2008	Dec	2500		
Agarsan Chowk	SL1	2009	Jan	2500		
Agarsan Chowk	SL1	2009	Feb	2500		
Agarsan Chowk	SL1	2009	Mar	2500		
Vasya Colony	SL1	2008	Apr	1245		
Vasya Colony	SL1	2008	May	1010		
Vasya Colony	SL1	2008	Jun	1234		
Vasya Colony	SL1	2008	Jul	921		
Vasya Colony	SL1	2008	Aug	1544		
Vasya Colony	SL1	2008	Sep	2500		
Vasya Colony	SL1	2008	Oct	2500		
Vasya Colony	SL1	2008	Nov	2500		
Vasya Colony	SL1	2008	Dec	2500		
Vasya Colony	SL1	2009	Jan	2500		
Vasya Colony	SL1	2009	Feb	2500		
Vasya Colony	SL1	2009	Mar	2500		
Lalalajpat chowk	SL1	2008	Apr	1553		
Lalalajpat chowk	SL1	2008	May	2455		
Lalalajpat chowk	SL1	2008	Jun	1843		

Lalalajpat chowk	SL1	2008	Jul	1185		
Lalalajpat chowk	SL1	2008	Aug	1800		
Lalalajpat chowk	SL1	2008	Sep	1890		
Lalalajpat chowk	SL1	2008	Oct	1332		
Lalalajpat chowk	SL1	2008	Nov	2060		
Lalalajpat chowk	SL1	2008	Dec	1910		
Lalalajpat chowk	SL1	2009	Jan	1404		
Lalalajpat chowk	SL1	2009	Feb	1682		
Lalalajpat chowk	SL1	2009	Mar	1453		
Hanuman Gate	SL1	2008	Apr	1500		
Hanuman Gate	SL1	2008	May	1500		
Hanuman Gate	SL1	2008	Jun	1500		
Hanuman Gate	SL1	2008	Jul	646		
Hanuman Gate	SL1	2008	Aug	1584		
Hanuman Gate	SL1	2008	Sep	1736		
Hanuman Gate	SL1	2008	Oct	540		
Hanuman Gate	SL1	2008	Nov	1432		
Hanuman Gate	SL1	2008	Dec	2248		
Hanuman Gate	SL1	2009	Jan	1897		
Hanuman Gate	SL1	2009	Feb	2159		
Hanuman Gate	SL1	2009	Mar	1534		
BTM Chowk	SL1	2008	Apr	2197		
BTM Chowk	SL1	2008	May	2500		
BTM Chowk	SL1	2008	Jun	2500		
BTM Chowk	SL1	2008	Jul	2500		
BTM Chowk	SL1	2008	Aug	2500		
BTM Chowk	SL1	2008	Sep	2500		
BTM Chowk	SL1	2008	Oct	2500		
BTM Chowk	SL1	2008	Nov	2500		
BTM Chowk	SL1	2008	Dec	2500		
BTM Chowk	SL1	2009	Jan	2500		
BTM Chowk	SL1	2009	Feb	1579		
BTM Chowk	SL1	2009	Mar	1030		
Dinod Gate	SL1	2008	Apr	827		
Dinod Gate	SL1	2008	May	1290		
Dinod Gate	SL1	2008	Jun	1368		
Dinod Gate	SL1	2008	Jul	928		
Dinod Gate	SL1	2008	Aug	1620		
Dinod Gate	SL1	2008	Sep	1173		
Dinod Gate	SL1	2008	Oct	1377		
Dinod Gate	SL1	2008	Nov	2790		
Dinod Gate	SL1	2008	Dec	2600		
Dinod Gate	SL1	2009	Jan	1511		
Dinod Gate	SL1	2009	Feb	1921		
Dinod Gate	SL1	2009	Mar	1515		

## Appendix B/4/1 Municipal Buildings

Sl. No.	Parameter Description	UOM	Site No. 1	Site No. 2	Site No. 3	Site No. 4
			Municipal Office	Name:	Name:	Name:
A	Location / Address		Municipal council, Bhiwani Haryana			
B	No. of Floors (Including Ground Floor)	No.	1			
C	Total Built-up Floor Area (Square Mtrs.)	Sq. Mtr.	527.01			
D	Conditioned Floor Area (as % of Total Builtup Floor Area)	%	0			
E	Total Connected load of the individual Buildings		3.057			
F	Energy Metering		1 Phase			
F.1	No. of HT Connections (Energy Meters)	No.	NA			
F.2	No. of 3 Phase LT Connections (Energy Meters)	No.	0			
F.3	No. of Single Phase LT Connections (Energy Meters)	No.	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)		417.875			
F.5	Maximum Demand of the individual Buildings-Monthly Average in KVA for the last one year of the bill collected.					
F.6	Annual Energy Bill (Rs)	Rs.	31269			
F.7	Monthly Average Energy Bill (Rs)	Rs.	<b>2605.75</b>			

	(=F.6 / 12)					
G						
G.1	No. of DG Sets or other Sources	Nos.	1			
G.2	Capacity of DG Sets or other Sources	kVA	3			
G.3	Fuel Used (eg. HSD, LDO, FO)		HSD			
G.4	Annual Fuel Consumption	Kg.	NA			
H			NA			
H.1	Utility Energy Cost	Rs.	NA			
H.2	Captive Energy Cost (DG Sets)	Rs.	NA			
I	EPI(Energy Performance Index) - Energy includes electricity purchased and generated	kWh / sqm / year				
J			NA			
J.1	Material	Rs.				
J.2	Labour	Rs.				
K						
K.1	Total No. of Occupants (Approx.)	No.	30			
K.2	Avg. No. of Occupants during Working Hours	No.	30			
K.3	Annual Working Days	No. of Days	240			
K.4	Daily Operating Hours	from ___ hrs. to ___ hrs.	9:00AM to 5:00 PM, Hours			
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:				Municipal office					
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.)				
	0	Room, No.1	Lighting	1X36W	50	50	2	8	0.1
	0	Room, No.1	Other Appliances	Cooler	130	130	1	8	0.13
	0	Room, No.1	Fans	Ceiling Fan	80	80	1	8	0.08
	0	Room, No.1	Exhaust Fans	Exhaust	50	50	1	8	0.05
	0	Govt. Auditor	Lighting	1X36W	50	50	2	8	0.1
	0	Govt. Auditor	Fans	Wall Fan	50	50	1	8	0.05
	0	Room No.2	Lighting	1X36W	50	50	2	8	0.1
	0	Room No.2	Other Appliances	Cooler	130	130	1	8	0.13
	0	Room No.2	Fans	Ceiling Fan	80	80	1	8	0.08
	0	Room No.3	Lighting	1X36W	50	50	2	8	0.1
	0	Room No.3	Fans	Ceiling Fan	80	80	1	8	0.08
	0	Computer Room	Lighting	15W CFL	15	15	1	8	0.015
	0	Computer Room	Fans	Wall Fan	50	50	1	8	0.05
	0	Computer Room	Other Appliances	Computer	220	220	1	8	0.22
	0	Room No.3 Bathroom	Lighting	100W GLS	100	100	1	8	0.1
	0	Room No.4	Lighting	1X36W	50	50	2	8	0.1
	0	Room No.4	Fans	Ceiling Fan	80	80	1	8	0.08
	0	Room No. 4 Bathroom	Lighting	100W GLS	100	100	1	8	0.1
	0	Room No.5	Lighting	1X36W	50	50	1	8	0.05
	0	Room No.5	Fans	Ceiling Fan	80	80	1	8	0.08



0	Room No.9	Lighting	1X36W	50	50	2	8	0.1
0	Room No.9	Fans	Ceiling Fan	80	80	3	8	0.24
0	Room No.9	Lighting	100W GLS	100	100	1	8	0.1
0	Room No.10	Lighting	1X36W	50	50	2	8	0.1
0	Room No.6	Lighting	1X40	53	53	2	8	0.106
0	Room No.6	Lighting	1X36W	36	36	1	8	0.036
0	Room No.6	Fans	Ceiling Fan	80	80	3	8	0.24
0	Room No.6	Lighting	23W CFL	23	23	1	8	0.023
0	Room No.6	Fans	Wall Fan	50	50	1	8	0.05
0	Room No.7	Lighting	1X36W	50	50	2	8	0.1
0	Room No.7	Lighting	20W CFL	20	20	1	8	0.02
0	Room No.7	Other Appliances	Exhaust	50	50	1	8	0.05
0	Room No.7	Fans	Wall Fan	80	80	1	8	0.08
0	Gallery	Lighting	1X36W	50	50	1	8	0.05
0	Room No.8	Lighting	1X36W	50	50	1	8	0.05
0	Room No.8	Fans	Ceiling Fan	80	80	1	8	0.08
0	Lobby	Lighting	1X36W	50	50	1	8	0.05
0	Outdoor Lightning	Lighting	2X36W	100	100	2	8	0.2
0	Outdoor Lightning	Lighting	1X36W	50	50	1	8	0.05
0	Outdoor Lightning	Lighting	250W Halogen	280	280	1	8	0.28
0	Other Appliances in Ground Floor	Other Appliances	Water Cooler	130	130	1	8	0.13

## Appendix B/4/3 Municipal Buildings – Energy Bill Summary

(LT Supply)						
Name & Location:				Consumer No.:		
Consumer No.:				ContractDemand:	KVA	
Month & Year	Units consumed (kWh)	Actual demand (kVA)	Billing demand (kVA)	P.F.	Billing amount (Rs.)	PF Penalty / Incentive (Rs.)
Aug-08	500				2417	
Sep-08						
Oct-08	451				2423	
Nov-08						
Dec-08	145				2320	
Jan-09						
Feb-09						
Mar-09	320				2779	
Apr-09						
May-09	377				2639	
Jun-09						
Jul-09	622				3256	
Aug-09	404				2260	
Sep-09	524				2752	