

Attachment 8.13

Public Lighting Models (4 models)

May 2014



Public lighting models (4 models)

This Attachment contains the following Public Lighting models:

- A 2014.05.22 Post June 2009 Annuity Prices PUBLIC.xlsx.pdf – excerpt only
- B 2014.04.30 Ausgrid Substantive Proposal Public Lighting Roll Forward Model 2010 to 2014.xlsm
- C 2014.05.14 Pre 2009 'Fixed Charge' model PUBLIC.xlsm
- D 2014.05.16 Opex Cost Build-up Model PUBLIC.xlsm

Models A, C and D contain confidential information that has been redacted.

Public Lighting Pricing Model – Post 2009 capital annuity model

Sheet name: 'Inputs – General'. Shown in full

Assumptions		
Discount rate (pre-tax real)	7.06%	From Ifty 1/05/14
Standard Asset Life		
Luminaire	20	
Bracket	35	
Support	35	
Connection	20	
Labour		
Hourly labour rate (\$ FY15)	\$42.99	See '2014.04.29 Public Lighting Opex - Consolidated Supporting Figures v1.xlsx'
Hourly labour rate Overtime (1.89x)	\$81.25	See '2014.04.29 Public Lighting Opex - Consolidated Supporting Figures v1.xlsx'
Oncosts	58%	See '2014.04.29 Public Lighting Opex - Consolidated Supporting Figures v1.xlsx'
Manhours to install new light		
Traffic	3.02	Changed to reflect 2013 time in motion study
Non Traffic	2.01	Changed to reflect 2013 time in motion study
Proportion of work in overtime hours (%)	14%	See '2014.04.29 Public Lighting Opex - Consolidated Supporting Figures v1.xlsx'
Proportion of work in standard hours (%)	86%	See '2014.04.29 Public Lighting Opex - Consolidated Supporting Figures v1.xlsx'
Pole establishment costs (Specific Capex)		
Rag bolt mounted (10.5-13.5m) (\$ FY15)	\$7,186	See public lighting tender assessments/supporting docs for details
Rag bolt mounted (Rocks standard) (\$ FY15)	\$7,186	See public lighting tender assessments/supporting docs for details
Direct buried (10.5-13.5m) (\$ FY15)	\$7,186	See public lighting tender assessments/supporting docs for details
Direct buried (Rocks standard) (\$ FY15)	\$7,186	See public lighting tender assessments/supporting docs for details
Manhours to do bulk maintenance		
Traffic	0	Not used
Non Traffic	0	Not used
Cost of elevated work platform		
Cost per hour without overheads (\$FY15)	\$30.46	See '2014.04.29 Public Lighting Opex - Consolidated Supporting Figures v1.xlsx'
Allocations		
Labour to install Luminaire	72%	See '2014.05.11 Post June 09 Capex Revenue & Resource V1.xlsm' for calculation
Labour to install Bracket	28%	See '2014.05.11 Post June 09 Capex Revenue & Resource V1.xlsm' for calculation
Labour to install Support	0%	
Labour to install Connection	0%	
Labour to install Lamp	0%	
Percentage labour in revenue	17%	
Overheads		
Indirect & direct	7.06%	See '2014.05.11 Post June 09 Capex Revenue & Resource V1.xlsm' for calculation
Corporate	0.00%	Not applicable
Inflation		
FY14	2.51%	Updated as per OPEX model.
FY15	2.45%	
FY16	2.16%	
FY17	2.47%	
FY18	2.50%	
FY19	2.50%	
Inflation Index (base FY13)		
FY13	1.000	FY13
FY14	1.025	
FY15	1.050	
FY16	1.073	
FY17	1.099	
FY18	1.127	
FY19	1.155	
Wages escalation		
	For Wages	For prices
FY14	0.00%	0.00%
FY15	0.00%	0.00%
FY16	0.00%	0.00%
FY17	0.00%	0.00%
FY18	0.00%	0.00%
FY19	0.00%	0.00%
Wage Escalation Index (Base FY13) Not Used		
FY13	1.000	1.000
FY14	1.000	1.000
FY15	1.000	1.000
FY16	1.000	1.000
FY17	1.000	1.000
FY18	1.000	1.000
FY19	1.000	1.000

Sheet name: 'Inputs - Customer & Inventory'. Partially shown

Pre or Post #	Installed assets	SAP code	Description	Rate	Asset count	Asset count for capex (Rate 1 only)	ASHFIELD COUNCIL	AUBURN MUNICIPAL COUNCIL	BANKSTOWN CITY COUNCIL	BANKSTOWN TROTTERING &	BOTANY MUNICIPAL COUNCIL
Total					1,269,818	1,139,112	15,958	26,202	66,512	10	20,806
1	Pre09	181187	0.5	1	32,907	32,907	494	739	3155	2	500
1	Pre09	181187	0.5	2	735	0	5	17	17	0	0
1	Pre09	181187	0.5	3	76	0	0	7	0	0	0
2	Pre09	181188	0.6	1	103	103	0	3	2	0	0
2	Pre09	181188	0.6	2	46	0	0	0	0	0	0
2	Pre09	181188	0.6	3	0	0	0	0	0	0	0
3	Pre09	181189	1	1	4,068	4,068	7	3	51	0	0
3	Pre09	181189	1	2	4,539	0	0	29	0	0	0
3	Pre09	181189	1	3	29	0	0	0	0	0	0
4	Pre09	181208	1.2	1	22,356	22,356	0	1	4	0	2
4	Pre09	181208	1.2	2	2,581	0	0	0	0	0	0
4	Pre09	181208	1.2	3	57	0	0	0	0	0	0
5	Pre09	181190	1.5	1	1,234	1,234	1	18	5	0	10
5	Pre09	181190	1.5	2	2,574	0	2	0	37	0	6
5	Pre09	181190	1.5	3	0	0	0	0	0	0	0
6	Pre09	181191	2	1	69,816	69,816	508	1066	2478	0	1489
6	Pre09	181191	2	2	1,049	0	1	108	39	0	32
6	Pre09	181191	2	3	82	0	0	1	0	0	0
7	Pre09	181192	2.5	1	502	502	3	9	18	0	7
7	Pre09	181192	2.5	2	16	0	0	0	0	0	0
7	Pre09	181192	2.5	3	47	0	0	2	0	0	0
8	Pre09	181193	3	1	4,176	4,176	17	45	81	0	69
8	Pre09	181193	3	2	1,752	0	8	47	14	0	3
8	Pre09	181193	3	3	11	0	0	3	0	0	0
9	Pre09	181194	3.5	1	7,037	7,037	154	52	77	0	68
9	Pre09	181194	3.5	2	159	0	0	10	0	0	0
9	Pre09	181194	3.5	3	8	0	0	0	0	0	0
10	Pre09	181195	4	1	927	927	12	15	35	0	7
10	Pre09	181195	4	2	56	0	0	1	0	0	1
10	Pre09	181195	4	3	8	0	0	8	0	0	0
11	Pre09	181196	4.5	1	2,010	2,010	325	60	15	0	8
11	Pre09	181196	4.5	2	1,027	0	1	42	85	0	1
11	Pre09	181196	4.5	3	98	0	0	41	0	0	0
12	Pre09	181197	5	1	393	393	15	12	30	0	0
12	Pre09	181197	5	2	30	0	0	1	1	0	16
12	Pre09	181197	5	3	4	0	0	3	0	0	0
13	Pre09	181198	6	1	813	813	2	4	17	0	4
13	Pre09	181198	6	2	288	0	0	0	17	0	0
13	Pre09	181198	6	3	0	0	0	0	0	0	0
14	Pre09	181199	6.5	1	53	53	0	0	0	0	0
14	Pre09	181199	6.5	2	7	0	0	0	0	0	0
14	Pre09	181199	6.5	3	0	0	0	0	0	0	0
15	Pre09	181200	7	1	67	67	0	0	2	0	0
15	Pre09	181200	7	2	13	0	0	0	0	0	0
15	Pre09	181200	7	3	0	0	0	0	0	0	0
16	Pre09	181201	8	1	23	23	0	0	2	0	0
16	Pre09	181201	8	2	4	0	0	1	1	0	0
16	Pre09	181201	8	3	1	0	0	1	0	0	0
17	Pre09	181039	1x40W TF	1	568	568	75	0	1	0	0
17	Pre09	181039	1x40W TF	2	26	0	0	0	0	0	0
17	Pre09	181039	1x40W TF	3	12	0	0	0	0	0	0
18	Pre09	181042	1x80W TF	1	111	111	2	0	0	0	0
18	Pre09	181042	1x80W TF	2	8	0	0	0	0	0	0
18	Pre09	181042	1x80W TF	3	1	0	0	0	0	0	0
19	Pre09	181055	1000W MBF	1	13	13	0	1	0	0	0
19	Pre09	181055	1000W MBF	2	0	0	0	0	0	0	0

Sheet name: 'Inputs - Inventory & Costs'. Partially shown

					CONFIDENTIAL				
Use for capex	#	Description	Type	Category	Materials Price (\$ FY13)	Materials Price (\$ FY15)	Asset Count	Specific Capex per item (\$F Y15)	Replacement value of materials only (\$FY15)
1	1	0.5	NonTraffic	Bracket			33,718	\$0	
2	2	0.6	NonTraffic	Bracket			149	\$0	
3	3	1	NonTraffic	Bracket			8,636	\$0	
4	4	1.2	NonTraffic	Bracket			24,994	\$0	
5	5	1.5	NonTraffic	Bracket			3,808	\$0	
6	6	2	NonTraffic	Bracket			70,947	\$0	
7	7	2.5	Traffic	Bracket			565	\$0	
8	8	3	Traffic	Bracket			5,939	\$0	
9	9	3.5	Traffic	Bracket			7,204	\$0	
10	10	4	Traffic	Bracket			991	\$0	
11	11	4.5	Traffic	Bracket			3,135	\$0	
12	12	5	Traffic	Bracket			427	\$0	
13	13	6	Traffic	Bracket			1,101	\$0	
14	14	6.5	Traffic	Bracket			60	\$0	
15	15	7	Traffic	Bracket			80	\$0	
16	16	8	Traffic	Bracket			28	\$0	
17	17	1x40W TF	NonTraffic	Luminaire			606	\$0	
18	18	1x80W TF	NonTraffic	Luminaire			120	\$0	
19	19	1000W MBF	Traffic	Luminaire			14	\$0	
20	20	1000W SON	Traffic	Luminaire			28	\$0	
21	21	1000W SON FLOODLIGHT	Traffic	Luminaire			5	\$0	
22	22	1000W/1500W MBI FLOODLIG	Traffic	Luminaire			12	\$0	
23	23	100W MBI	Traffic	Luminaire			19	\$0	
24	24	100W MBI FLOODLIGHT	Traffic	Luminaire			17	\$0	
25	25	100W SON	Traffic	Luminaire			542	\$0	
26	26	100W SON - PARKVILLE	Traffic	Luminaire			15	\$0	
27	27	100W SON FLOODLIGHT	Traffic	Luminaire			6	\$0	
28	28	100W SON -PLAIN	Traffic	Luminaire			447	\$0	
29	29	125W MBF	Traffic	Luminaire			3,732	\$0	
30	30	125W MBF - BOURKE HILL	Traffic	Luminaire			9	\$0	
31	31	125W MBF - HYDE PARK	Traffic	Luminaire			168	\$0	
32	32	125W MBF - NOSTALGIA	Traffic	Luminaire			1	\$0	
33	33	125W MBF - PARKVILLE	Traffic	Luminaire			6	\$0	
34	34	125W MBF BOLLARD	Traffic	Luminaire			-	\$0	
35	35	125W MBF -PLAIN	Traffic	Luminaire			817	\$0	
36	36	125W/250W MBF FLOODLIGHT	Traffic	Luminaire			55	\$0	
37	37	135W SOX	Traffic	Luminaire			32	\$0	
38	38	150W SON	Traffic	Luminaire			11,727	\$0	
39	39	150W SON - HYDE PARK	Traffic	Luminaire			16	\$0	
40	40	150W SON - PARKVILLE	Traffic	Luminaire			21	\$0	
41	41	150W SON - PARKWAY 1	Traffic	Luminaire			209	\$0	
42	42	150W SON FLOODLIGHT	Traffic	Luminaire			71	\$0	
43	43	150W SON GEC 'BOSTON 3'	Traffic	Luminaire			45	\$0	
44	44	150W/250W MBI FLOODLIGHT	Traffic	Luminaire			65	\$0	
45	45	180W SOX	Traffic	Luminaire			-	\$0	
46	46	2x14W TF - T5 PIERLITE M	NonTraffic	Luminaire			157	\$0	
47	47	2x175W MBF - PARKWAY 2	Traffic	Luminaire			-	\$0	
48	48	2x20W TF	NonTraffic	Luminaire			18,850	\$0	
49	49	2x20W TF - WAVERLEY	NonTraffic	Luminaire			-	\$0	
50	50	2x250W SON FLOODLIGHT	Traffic	Luminaire			2	\$0	
51	51	2x26W TF MACQUARIE DEC.	NonTraffic	Luminaire			-	\$0	
52	52	2x400W MBF - PARKWAY 2	Traffic	Luminaire			1	\$0	
53	53	2x400W MBI FLOODLIGHT	Traffic	Luminaire			-	\$0	
54	54	2x400W SON FLOODLIGHT	Traffic	Luminaire			1	\$0	
55	55	2x40W TF	NonTraffic	Luminaire			17	\$0	
56	56	2x70W SON - BOURKE HILL	NonTraffic	Luminaire			-	\$0	
57	57	2x80W MBF - BOURKE HILL	NonTraffic	Luminaire			53	\$0	
58	58	250W MBF	Traffic	Luminaire			17,308	\$0	
59	59	250W MBF - PARKVILLE	Traffic	Luminaire			-	\$0	
60	60	250W MBF - PARKWAY 1	Traffic	Luminaire			784	\$0	
61	61	250W MBI - SMARTPOLE	Traffic	Luminaire			43	\$0	
62	62	250W SON	Traffic	Luminaire			14,614	\$0	
63	63	250W SON - PARKVILLE	Traffic	Luminaire			2	\$0	
64	64	250W SON - PARKWAY 1	Traffic	Luminaire			28	\$0	
65	65	250W SON FLOODLIGHT	Traffic	Luminaire			937	\$0	
66	66	250W SON GEC 'BOSTON 3'	Traffic	Luminaire			103	\$0	
67	67	2ND LIGHT NON-TRL	NonTraffic	Support			432	\$0	
68	68	2ND LIGHT TRL	Traffic	Support			375	\$0	
69	69	2X14W TF - T5 PIERLIGHT	NonTraffic	Luminaire			145	\$0	
70	70	3x400W MBF - PARKWAY 3	Traffic	Luminaire			-	\$0	
71	71	4x1000W MBF	Traffic	Luminaire			4	\$0	

Sheet name: 'Calcs – Capital'. Partially shown

CONFIDENTIAL										Labour component in Annuity price (\$ FY15)	Annuity payment/ Price of annual capital (\$ FY15)	Annuity payment/ Price of annual capital (\$ FY16)	Annuity payment/ Price of annual capital (\$ FY17)	Annuity payment/ Price of annual capital (\$ FY18)	Annuity payment/ Price of annual capital (\$ FY19)	
#	Description	Type	Category	Materials price	Labour to install	Cost of EWP	Specific capex costs (per item)	Overheads on capital (materials + Labour)	Corporate Overheads (Not applicable)							Total capital cost
1	0.5	NonTraffic	Bracket								\$3.30	\$10.53	\$10.76	\$11.03	\$11.30	\$11.58
2	0.6	NonTraffic	Bracket								\$3.30	\$10.27	\$10.49	\$10.75	\$11.02	\$11.30
3	1	NonTraffic	Bracket								\$3.30	\$9.66	\$9.87	\$10.11	\$10.36	\$10.62
4	1.2	NonTraffic	Bracket								\$3.30	\$10.53	\$10.76	\$11.03	\$11.30	\$11.58
5	1.5	NonTraffic	Bracket								\$3.30	\$27.40	\$27.99	\$28.69	\$29.40	\$30.14
6	2	NonTraffic	Bracket								\$3.30	\$14.90	\$15.23	\$15.60	\$15.99	\$16.39
7	2.5	Traffic	Bracket								\$4.96	\$15.99	\$16.33	\$16.74	\$17.15	\$17.58
8	3	Traffic	Bracket								\$4.96	\$23.33	\$23.83	\$24.42	\$25.03	\$25.66
9	3.5	Traffic	Bracket								\$4.96	\$23.16	\$23.65	\$24.24	\$24.84	\$25.47
10	4	Traffic	Bracket								\$4.96	\$28.49	\$29.10	\$29.82	\$30.57	\$31.33
11	4.5	Traffic	Bracket								\$4.96	\$24.82	\$25.35	\$25.98	\$26.63	\$27.29
12	5	Traffic	Bracket								\$4.96	\$32.60	\$33.30	\$34.12	\$34.97	\$35.85
13	6	Traffic	Bracket								\$4.96	\$32.77	\$33.48	\$34.30	\$35.16	\$36.04
14	6.5	Traffic	Bracket								\$4.96	\$46.58	\$47.59	\$48.76	\$49.98	\$51.23
15	7	Traffic	Bracket								\$4.96	\$46.58	\$47.59	\$48.76	\$49.98	\$51.23
16	8	Traffic	Bracket								\$4.96	\$46.58	\$47.59	\$48.76	\$49.98	\$51.23
17	1x40W TF	NonTraffic	Luminaire								\$10.54	\$24.80	\$25.33	\$25.96	\$26.61	\$27.27
18	1x80W TF	NonTraffic	Luminaire								\$10.54	\$22.78	\$23.27	\$23.85	\$24.44	\$25.05
19	1000W MBF	Traffic	Luminaire								\$15.83	\$120.21	\$122.80	\$125.83	\$128.98	\$132.20
20	1000W SON	Traffic	Luminaire								\$15.83	\$120.21	\$122.80	\$125.83	\$128.98	\$132.20
21	1000W SON FLOODLIGHT	Traffic	Luminaire								\$15.83	\$98.53	\$100.66	\$103.14	\$105.72	\$108.36
22	1000W/1500W MBI FLOODLIG	Traffic	Luminaire								\$15.83	\$133.12	\$135.99	\$139.35	\$142.83	\$146.40
23	100W MBI	Traffic	Luminaire								\$15.83	\$45.75	\$46.73	\$47.89	\$49.09	\$50.31
24	100W MBI FLOODLIGHT	Traffic	Luminaire								\$15.83	\$49.48	\$50.55	\$51.79	\$53.09	\$54.42
25	100W SON	Traffic	Luminaire								\$15.83	\$48.66	\$49.71	\$50.94	\$52.21	\$53.51
26	100W SON - PARKVILLE	Traffic	Luminaire								\$15.83	\$130.86	\$133.68	\$136.98	\$140.40	\$143.91
27	100W SON FLOODLIGHT	Traffic	Luminaire								\$15.83	\$71.07	\$72.60	\$74.39	\$76.25	\$78.16
28	100W SON - PLAIN	Traffic	Luminaire								\$15.83	\$48.66	\$49.71	\$50.94	\$52.21	\$53.51
29	125W MBF	Traffic	Luminaire								\$15.83	\$35.97	\$36.75	\$37.65	\$38.59	\$39.56
30	125W MBF - BOURKE HILL	Traffic	Luminaire								\$15.83	\$96.50	\$98.58	\$101.01	\$103.54	\$106.13
31	125W MBF - HYDE PARK	Traffic	Luminaire								\$15.83	\$74.57	\$76.18	\$78.06	\$80.01	\$82.01
32	125W MBF - NOSTALGIA	Traffic	Luminaire								\$15.83	\$98.35	\$100.47	\$102.95	\$105.52	\$108.16
33	125W MBF - PARKVILLE	Traffic	Luminaire								\$15.83	\$119.67	\$122.25	\$125.27	\$128.41	\$131.62
34	125W MBF BOLLARD	Traffic	Luminaire								\$15.83	\$66.36	\$67.79	\$69.46	\$71.20	\$72.98
35	125W MBF - PLAIN	Traffic	Luminaire								\$15.83	\$35.97	\$36.75	\$37.65	\$38.59	\$39.56
36	125W/250W MBF FLOODLIGHT	Traffic	Luminaire								\$15.83	\$46.99	\$48.00	\$49.18	\$50.41	\$51.67
37	135W SOX	Traffic	Luminaire								\$15.83	\$51.96	\$53.09	\$54.40	\$55.76	\$57.15
38	150W SON	Traffic	Luminaire								\$15.83	\$49.09	\$50.14	\$51.38	\$52.67	\$53.98
39	150W SON - HYDE PARK	Traffic	Luminaire								\$15.83	\$74.57	\$76.18	\$78.06	\$80.01	\$82.01
40	150W SON - PARKVILLE	Traffic	Luminaire								\$15.83	\$130.86	\$133.68	\$136.98	\$140.40	\$143.91
41	150W SON - PARKWAY 1	Traffic	Luminaire								\$15.83	\$58.36	\$59.62	\$61.09	\$62.62	\$64.19
42	150W SON FLOODLIGHT	Traffic	Luminaire								\$15.83	\$57.30	\$58.53	\$59.98	\$61.48	\$63.01
43	150W SON GEC 'BOSTON 3'	Traffic	Luminaire								\$15.83	\$119.67	\$122.25	\$125.27	\$128.41	\$131.62
44	150W/250W MBI FLOODLIGHT	Traffic	Luminaire								\$15.83	\$87.46	\$89.34	\$91.55	\$93.84	\$96.18
45	180W SOX	Traffic	Luminaire								\$15.83	\$57.62	\$58.86	\$60.31	\$61.82	\$63.37
46	2x14W TF - TS PIERLITE M	NonTraffic	Luminaire								\$10.54	\$36.97	\$37.77	\$38.70	\$39.67	\$40.66
47	2x175W MBF - PARKWAY 2	Traffic	Luminaire								\$15.83	\$145.33	\$148.46	\$152.12	\$155.93	\$159.83
48	2x20W TF	NonTraffic	Luminaire								\$10.54	\$24.72	\$25.25	\$25.87	\$26.52	\$27.18
49	2x20W TF - WAVERLEY	NonTraffic	Luminaire								\$10.54	\$24.72	\$25.25	\$25.87	\$26.52	\$27.18
50	2x250W SON FLOODLIGHT	Traffic	Luminaire								\$15.83	\$80.22	\$81.95	\$83.97	\$86.07	\$88.23
51	2x26W TF MACQUARIE DEC.	NonTraffic	Luminaire								\$10.54	\$113.43	\$115.88	\$118.74	\$121.71	\$124.75
52	2x400W MBF - PARKWAY 2	Traffic	Luminaire								\$15.83	\$145.33	\$148.46	\$152.12	\$155.93	\$159.83
53	2x400W MBI FLOODLIGHT	Traffic	Luminaire								\$15.83	\$147.47	\$150.65	\$154.37	\$158.23	\$162.19
54	2x400W SON FLOODLIGHT	Traffic	Luminaire								\$15.83	\$159.00	\$162.43	\$166.44	\$170.60	\$174.87
55	2x40W TF	NonTraffic	Luminaire								\$10.54	\$38.38	\$39.21	\$40.18	\$41.18	\$42.21
56	2x70W SON - BOURKE HILL	NonTraffic	Luminaire								\$10.54	\$154.40	\$157.73	\$161.62	\$165.66	\$169.80
57	2x80W MBF - BOURKE HILL	NonTraffic	Luminaire								\$10.54	\$77.09	\$78.75	\$80.70	\$82.72	\$84.78
58	250W MBF	Traffic	Luminaire								\$15.83	\$48.23	\$49.27	\$50.49	\$51.75	\$53.05
59	250W MBF - PARKVILLE	Traffic	Luminaire								\$15.83	\$122.72	\$125.37	\$128.46	\$131.67	\$134.96
60	250W MBF - PARKWAY 1	Traffic	Luminaire								\$15.83	\$58.36	\$59.62	\$61.09	\$62.62	\$64.19
61	250W MBI - SMARTPOLE	Traffic	Luminaire								\$15.83	\$23.71	\$24.22	\$24.82	\$25.44	\$26.07
62	250W SON	Traffic	Luminaire								\$15.83	\$49.09	\$50.14	\$51.38	\$52.67	\$53.98
63	250W SON - PARKVILLE	Traffic	Luminaire								\$15.83	\$141.26	\$144.30	\$147.86	\$151.56	\$155.35
64	250W SON - PARKWAY 1	Traffic	Luminaire								\$15.83	\$58.36	\$59.62	\$61.09	\$62.62	\$64.19
65	250W SON FLOODLIGHT	Traffic	Luminaire								\$15.83	\$57.30	\$58.53	\$59.98	\$61.48	\$63.01
66	250W SON GEC 'BOSTON 3'	Traffic	Luminaire								\$15.83	\$121.93	\$124.56	\$127.63	\$130.82	\$134.09
67	2ND LIGHT NON-TRL	NonTraffic	Support								\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
68	2ND LIGHT TRL	Traffic	Support								\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
69	2X14W TF - TS PIERLITE	NonTraffic	Luminaire								\$10.54	\$36.97	\$37.77	\$38.70	\$39.67	\$40.66
70	3x400W MBF - PARKWAY 3	Traffic	Luminaire								\$15.83	\$145.33	\$148.46	\$152.12	\$155.93	\$159.83
71	4x1000W MBF	Traffic	Luminaire								\$15.83	\$126.79	\$129.52	\$132.72	\$136.04	\$139.44
72	4x20W TF	NonTraffic	Luminaire								\$10.54	\$60.90	\$62.21	\$63.75	\$65.34	\$66.98
73	4x20W TF - WAVERLEY	NonTraffic	Luminaire								\$10.54	\$60.90	\$62.21	\$63.75	\$65.34	\$66.98
74	4x250W SON	Traffic	Luminaire								\$15.83	\$90.17	\$92.11	\$94.39	\$96.75	\$99.16
75	4x40W TF	NonTraffic	Luminaire								\$10.54	\$72.29	\$73.85	\$75.67	\$77.57	\$79.51
76	4x40W TF - WAVERLEY	NonTraffic	Luminaire								\$10.54	\$67.13	\$68.58	\$70.28	\$72.03	\$73.83
77	4x600W SON	Traffic	Luminaire								\$15.83	\$136.74	\$139.68	\$143.13	\$146.71	\$150.38
78	400W MBF	Traffic	Luminaire								\$15.83	\$38.82	\$39.65	\$40.63	\$41.65	\$42.69
79	400W MBF - PARKWAY 1	Traffic	Luminaire								\$15.83	\$80.22	\$81.95	\$83.97	\$86.07	\$88.23
80	400W MBF FLOODLIGHT	Traffic	Luminaire								\$15.83	\$88.13	\$90.03	\$92.26	\$94.56	\$96.93
81	400W MBI - SMARTPOLE	Traffic	Luminaire								\$15.83	\$23.71	\$24.22	\$24.82	\$25.44	\$26.07
82	400W MBI FLOODLIGHT	Traffic	Luminaire								\$15.83	\$66.66	\$68.10	\$69.78	\$71.52	\$73.31
83	400W SON	Traffic	Luminaire								\$15.83	\$53.24	\$54.39	\$55.74	\$57.13	\$58.56
84	400W SON - PARKWAY 1	Traffic	Luminaire								\$15.83	\$58.36	\$59.62	\$61.09	\$62.62	\$64.19
85	400W SON FLOODLIGHT	Traffic	Luminaire								\$15.83	\$57.30	\$58.53	\$59.98	\$61.48	\$63.01
86	40W SOX	NonTraffic	Luminaire								\$10.54	\$24.80	\$25.33	\$25.96	\$26.61	\$27.27
87	42W MBF SYLVANIA SUB ECO	NonTraffic	Luminaire								\$10.54	\$33.91	\$34.64	\$35.49	\$36.38	\$37.29
88	500W MBI FLOODLIGHT	Traffic	Luminaire								\$15.83	\$84.29	\$86.11	\$88.23	\$90.44	\$92.70
89	50W MBF	NonTraffic	Luminaire								\$10.54	\$25.38	\$25.92	\$26.56	\$27.23	\$27.91
90	50W MBF - BOURKE HILL	NonTraffic	Luminaire								\$10.54	\$77.09	\$78.75	\$80.70	\$82.72	\$84.78
91	50W MBF - NOSTALGIA	NonTraffic	Luminaire								\$10.54	\$77.09	\$78.75	\$80.70	\$82.72	\$84.78
92	50W MBF - PLAIN	NonTraffic	Luminaire								\$10.54	\$25.38	\$25.92	\$26.56	\$27.23	\$27.91
93	50W MBF BOLLARD	NonTraffic	Luminaire								\$10.54	\$48.56	\$49.60	\$50.83	\$52.10	\$53.40
94	50W SON	NonTraffic	Luminaire								\$10.54	\$24.52	\$25.05	\$25.67	\$26.31	\$26.97
95	50W SON - BOURKE HILL	NonTraffic	Luminaire								\$10.54					

Sheet name: 'Inventory'. Partially shown

Cont. Acct	Name 1	GrPmt	Descript.	Material	Material Description	Rate	Brought Forward	Additions	Deletions	Total	Annual Charge	Full month charges	Charges for changes		
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181187		0.5	1	494	0	0	494	0	0	0	0
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181187		0.5	2	5	0	0	5	0	0	0	0
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181472	0.5 (P09)	1	1	12	0	0	12	18.83	19.19	0	19.19
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181189		1	1	7	0	0	7	0	0	0	0
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181190		1.5	1	1	0	0	1	0	0	0	0
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181190		1.5	2	2	0	0	2	0	0	0	0
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181191		2	1	508.5	0	1	507.5	0	0	0	0
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181191		2	2	1	0	0	1	0	0	0	0
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181474	2.0 (P09)	1	1	215	1	0	216	23.35	426.08	1.15	427.23
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181192		2.5	1	2.5	0	0	2.5	0	0	0	0
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181193		3	1	16.5	0	0	16.5	0	0	0	0
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181193		3	2	8	0	0	8	0	0	0	0
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181475	3.0 (P09)	1	1	1	0	0	1	45.12	3.83	0	3.83
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181194		3.5	1	154	0	0	154	0	0	0	0
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181476	3.5 (P09)	1	1	28	0	0	28	47.56	113.02	0	113.02
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181195		4	1	12	0	0	12	0	0	0	0
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181477	4.0 (P09)	1	1	9	0	0	9	47.56	36.33	0	36.33
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181196		4.5	1	324.5	0	0	324.5	0	0	0	0
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181196		4.5	2	1	0	0	1	0	0	0	0
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181197		5	1	14.5	0	0	14.5	0	0	0	0
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181198		6	1	2	0	0	2	0	0	0	0
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181206	NIL	1	1	261.5	1	0	262.5	0	0	0	0
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181206	NIL	2	1	7	0	0	7	0	0	0	0
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181207	Private	3	1	12	0	0	12	0	0	0	0
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181205	SUSPENDED	1	1	3	0	0	3	0	0	0	0
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181178	T1	1	1	496.5	0	0	496.5	0	0	0	0
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181479	T1 (P09)	1	1	31	0	0	31	31.23	82.16	0	82.16
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181179	T2	1	1	40	0	0	40	0	0	0	0
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181185	T2A	1	1	9	0	0	9	0	0	0	0
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181480	T2A (P09)	1	1	1	0	0	1	51.47	4.37	0	4.37
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181180	T3	1	1	70.5	0	1	69.5	0	0	0	0
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181481	T3 (P09)	1	1	8	0	0	8	52.2	35.44	0	35.44
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181186	T3A	1	1	6.5	0	0	6.5	0	0	0	0
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181181	T4	1	1	390.5	0	0	390.5	0	0	0	0
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181482	T4 (P09)	1	1	5.5	0	0	5.5	50	23.33	0	23.33
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181182	T5	1	1	10.5	0	0	10.5	0	0	0	0
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181483	T5 (P09)	1	1	2	0	0	2	50	8.48	0	8.48
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181183	T6	1	1	15.5	0	0	15.5	0	0	0	0
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181484	T6 (P09)	1	1	3.5	0	0	3.5	71.74	21.31	0	21.31
916771985	ASHFIELD COUNCIL	BRAC	Bracket	181184	T7	1	1	2	0	0	2	0	0	0	0
916771985	ASHFIELD COUNCIL	CONN	Connection	181176	O/U	1	1	4	0	0	4	88.33	29.99	0	29.99
916771985	ASHFIELD COUNCIL	CONN	Connection	181176	O/U	2	1	3	0	0	3	88.33	22.49	0	22.49
916771985	ASHFIELD COUNCIL	CONN	Connection	181486	O/U (P09)	2	1	3	0	0	3	88.33	22.49	0	22.49
916771985	ASHFIELD COUNCIL	CONN	Connection	181169	OH	1	1	2,780.50	0	1	2,779.50	0	0	0	0
916771985	ASHFIELD COUNCIL	CONN	Connection	181169	OH	3	1	7	0	0	7	0	0	0	0
916771985	ASHFIELD COUNCIL	CONN	Connection	181487	OH(P09)	1	1	33	1	0	34	0	0	0	0
916771985	ASHFIELD COUNCIL	CONN	Connection	181170	OH2	1	1	1	0	0	1	0	0	0	0
916771985	ASHFIELD COUNCIL	CONN	Connection	181172	UGR1	1	1	335	0	0	335	80.97	2,302.14	0	2,302.14
916771985	ASHFIELD COUNCIL	CONN	Connection	181172	UGR1	3	1	5	0	0	5	0	0	0	0
916771985	ASHFIELD COUNCIL	CONN	Connection	181492	UGR1 (P09)	1	1	1.5	0	0	1.5	80.97	10.31	0	10.31
916771985	ASHFIELD COUNCIL	CONN	Connection	181175	UGR2	1	1	3	0	0	3	29.44	7.5	0	7.5
916771985	ASHFIELD COUNCIL	CONN	Connection	181175	UGR2	2	1	17	0	0	17	29.44	42.48	0	42.48
916771985	ASHFIELD COUNCIL	CONN	Connection	181493	UGR2 (P09)	2	1	1	0	0	1	29.44	2.5	0	2.5
916771985	ASHFIELD COUNCIL	LAMP	Lamp	180536	INC1*100	3	3	3	0	0	3	0	0	0	0
916771985	ASHFIELD COUNCIL	LAMP	Lamp	180508	INC1*60	3	2	2	0	0	2	0	0	0	0
916771985	ASHFIELD COUNCIL	LAMP	Lamp	182867	LED1*29	1	1	20	9	0	29	34.01	57.73	24.77	82.5
916771985	ASHFIELD COUNCIL	LAMP	Lamp	180620	MBF1*125	1	1	2	0	0	2	48.93	8.3	0	8.3
916771985	ASHFIELD COUNCIL	LAMP	Lamp	181505	MBF1*125 (P09)	1	1	250.5	0	0	250.5	48.93	1,040.26	0	1,040.26
916771985	ASHFIELD COUNCIL	LAMP	Lamp	180660	MBF1*250	1	1	67	0	3.5	63.5	48.91	263.6	3.42	267.02
916771985	ASHFIELD COUNCIL	LAMP	Lamp	181506	MBF1*250 (P09)	1	1	631	3.5	10	624.5	48.91	2,577.90	19.69	2,597.59

Sheet name: 'Pre 09 Inv'. Partially shown

Description	Code	Type	Status
0.5	181187	Bracket	
0.6	181188	Bracket	
1	181189	Bracket	
1.2	181208	Bracket	
1.5	181190	Bracket	
2	181191	Bracket	
2.5	181192	Bracket	
3	181193	Bracket	
3.5	181194	Bracket	
4	181195	Bracket	
4.5	181196	Bracket	
5	181197	Bracket	
6	181198	Bracket	
6.5	181199	Bracket	
7	181200	Bracket	
8	181201	Bracket	
1000W MBF	181055	Luminaire	
1000W SON	181060	Luminaire	
1000W SON FLOODLIGHT	181073	Luminaire	
1000W/1500W MBI FLOODLIG	181080	Luminaire	
100W MBI	181229	Luminaire	
100W MBI FLOODLIGHT	181074	Luminaire	
100W SON	181048	Luminaire	
100W SON - PARKVILLE	181137	Luminaire	
100W SON FLOODLIGHT	181067	Luminaire	
100W SON -PLAIN	181100	Luminaire	
125W MBF	181045	Luminaire	
125W MBF - BOURKE HILL	181125	Luminaire	
125W MBF - HYDE PARK	181114	Luminaire	
125W MBF - NOSTALGIA	181119	Luminaire	
125W MBF - PARKVILLE	181134	Luminaire	
125W MBF BOLLARD	#N/A	Luminaire	None in service
125W MBF -PLAIN	181106	Luminaire	
125W/250W MBF FLOODLIGHT	181063	Luminaire	
135W SOX	181061	Luminaire	
150W SON	181056	Luminaire	
150W SON - HYDE PARK	181115	Luminaire	
150W SON - PARKVILLE	181138	Luminaire	
150W SON - PARKWAY 1	181101	Luminaire	
150W SON FLOODLIGHT	181068	Luminaire	
150W SON GEC 'BOSTON 3'	181237	Luminaire	
150W/250W MBI FLOODLIGHT	181075	Luminaire	
180W SOX	#N/A	Luminaire	None in service
1x40W TF	181039	Luminaire	
1x80W TF	181042	Luminaire	
250W MBF	181052	Luminaire	
250W MBF - PARKVILLE	#N/A	Luminaire	None in service
250W MBF - PARKWAY 1	181107	Luminaire	
250W MBI - SMARTPOLE	181219	Luminaire	