

Attachment 4 – 2019-24 TSS

Indicative public lighting pricing schedule

April 2018

Table of Contents

Charge schedule for public lighting services – effective 1 July 2019	3
Public lighting services	3
Annual Public Lighting Charges	3

List of Tables

Table 1: Public lighting annual charges applicable to support structures (\$2018/19)	3
Table 2: Public lighting annual charges applicable to brackets (\$2018/19)	4
Table 3: Public lighting annual charges applicable to LED luminaires (\$2018/19)	4
Table 4: Public lighting annual charges applicable to traditional luminaires (\$2018/19)	5
Table 5: Public lighting annual charges applicable to Category V installations (\$2018/19)	7

Charge schedule for public lighting services

Public lighting services will be charged for at the AER determined rates as provided in the tables below.

Essential Energy's proposed annual charges for public lighting services for the 2019-24 regulatory period are provided in the tables below. The charges are presented in 2018/19 dollars and are exclusive of GST. Appropriate CPI increases and approved escalation rates will be applied to the charges each year.

Public lighting services

Public lighting services related to:

- > The operation, maintenance, repair and replacement of public lighting assets;
- > The alteration and relocation of public lighting assets; and
- > The provision of new public lighting.

Annual Public Lighting Charges

Public lighting charges will be applied on a per unit basis based on components included within the public lighting installation. Maintenance charges (Opex) will apply to all applicable public lighting assets, with capital charges (Capex) only applicable where Essential Energy have funded the installation of the component. Night patrol charges will be applied to all Category V public lighting installations.

Customers pay our public lighting charges on a cents-per-day basis.

Table 1: Public lighting annual charges applicable to support structures (\$2018/19)

Support Type	2019/20 – 2023/24	
	Capex	Opex
7.5m Steel Column Single Outreach	\$207.37	\$13.16
7.5m Steel Column Double Outreach	\$214.70	\$13.16
9.0m Steel Column Single Outreach	\$279.07	\$13.16
9.0m Steel Column Double Outreach	\$314.87	\$13.16
10.5m Steel Column Single Outreach	\$333.58	\$13.16
10.5m Steel Column Double Outreach	\$385.52	\$13.16
12.0m Steel Column Single Outreach	\$379.68	\$13.16
12.0m Steel Column Double Outreach	\$387.89	\$13.16
12m Roundabout Column	\$514.64	\$13.16

Support Type	2019/20 – 2023/24	
	Capex	Opex
15m Roundabout Column	\$442.73	\$13.16
18m Roundabout Column	\$763.01	\$13.16
9.5m Timber Pole	\$109.71	\$15.26
11m Timber Pole	\$154.06	\$15.26
12.5m Timber Pole	\$169.39	\$15.26
14m Timber Pole	\$179.77	\$15.26
15.5m Timber Pole	\$190.88	\$15.26
Decorative Category P Column	\$234.01	\$13.16
Suspended	\$0.00	\$30.52
SHARED OR NO POLE	\$0.00	\$0.00

Charges are exclusive of GST

Table 2: Public lighting annual charges applicable to brackets (\$2018/19)

Bracket Type	2019/20 – 2023/24	
	Capex	Opex
Streetlight Bracket Category P	\$50.89	0.00
Streetlight Bracket Category V	\$84.39	0.00

Charges are exclusive of GST

Table 3: Public lighting annual charges applicable to LED luminaires (\$2018/19)

LED Luminaire Type	2019/20 – 2023/24	
	Capex	Opex
23W LED Gerard StreetLED	\$68.22	\$39.68
17W LED Gerard StreetLED	\$70.15	\$39.68
17W LED Gerard StreetLED Aeroscreen	\$72.15	\$39.68
17W LED Gerard StreetLED Louvred	\$72.15	\$39.68
22W LED Gerard StreetLED	\$70.15	\$39.68

LED Luminaire Type	2019/20 – 2023/24	
	Capex	Opex
25W LED GE Evolve	\$50.97	\$46.66
35W LED Pecan Luminaire	\$85.19	\$39.08
29W LED Pecan Luminaire - Aeroscreen	\$85.19	\$38.82
42W LED Gerard StreetLED	\$138.39	\$39.68
42W LED Pecan Luminaire	\$138.39	\$44.33
36W LED Pecan Luminaire - Aeroscreen	\$138.39	\$44.33
105W LED Aldridge Luminaire	\$221.30	\$44.33
198W LED Aldridge Standard Distribution	\$234.23	\$47.09
198W LED Aldridge Forward Distribution	\$231.78	\$47.09
298W LED Aldridge Luminaire	\$260.97	\$47.09
100W LED Aldridge Luminaire	\$233.24	\$47.09
200W LED Aldridge Luminaire	\$233.24	\$47.09
300W LED Aldridge Luminaire	\$259.83	\$47.09

Charges are exclusive of GST

Table 4: Public lighting annual charges applicable to traditional luminaires (\$2018/19)

Traditional Luminaire Type	2019/20 – 2023/24	
	Capex	Opex
Tubular Fluorescent <40W	\$0.00	\$56.23
Tubular Fluorescent >40W	\$24.36	\$55.99
42W CFL Standard	\$32.29	\$64.09
42W CFL Decorative	\$90.56	\$64.09
32W Compact Fluorescent	\$87.08	\$66.44
2x14W T5 Fluoro	\$0.00	\$68.78
50W High Pressure Sodium	\$0.00	\$98.87
50W High Pressure Sodium - Twin Arc	\$30.68	\$65.11

Traditional Luminaire Type	2019/20 – 2023/24	
	Capex	Opex
70W High Pressure Sodium	\$30.06	\$96.94
70W High Pressure Sodium - Twin Arc	\$30.68	\$60.17
100W High Pressure Sodium	\$0.00	\$96.94
120W High Pressure Sodium	\$0.00	\$86.89
150W High Pressure Sodium	\$66.41	\$86.89
150W High Pressure Sodium - Twin Arc	\$68.14	\$73.08
220W High Pressure Sodium	\$0.00	\$87.69
250W High Pressure Sodium	\$66.41	\$87.69
250W High Pressure Sodium - Twin Arc	\$74.09	\$83.84
2x250W High Pressure Sodium	\$0.00	\$87.69
310W High Pressure Sodium	\$0.00	\$87.69
360W High Pressure Sodium	\$76.75	\$95.44
400W High Pressure Sodium	\$76.75	\$95.44
400W High Pressure Sodium - Twin Arc	\$79.91	\$74.54
2x400W High Pressure Sodium	\$0.00	\$95.44
3x400W High Pressure Sodium	\$0.00	\$95.44
1000W High Pressure Sodium	\$0.00	\$291.97
Incandescent 60	\$0.00	\$57.56
Incandescent 75	\$0.00	\$57.56
Incandescent 100	\$0.00	\$57.56
Incandescent 150	\$0.00	\$57.56
Incandescent 200	\$0.00	\$57.56
Incandescent 300	\$0.00	\$57.56
Incandescent 500	\$0.00	\$57.56
Incandescent 1500	\$0.00	\$57.56
55W Low Pressure Sodium	\$66.41	\$128.45

Traditional Luminaire Type	2019/20 – 2023/24	
	Capex	Opex
100W Low Pressure Sodium	\$66.41	\$128.95
135W Low Pressure Sodium	\$0.00	\$163.51
150W Low Pressure Sodium	\$0.00	\$163.51
310W Low Pressure Sodium	\$0.00	\$163.51
70W Metal Hallide	\$0.00	\$139.23
150W Metal Hallide	\$0.00	\$139.23
250W Metal Hallide	\$66.41	\$139.23
400W Metal Hallide	\$66.41	\$145.89
1000W Metal Hallide	\$149.95	\$291.97
50W Mercury Vapour	\$24.36	\$80.73
80W Mercury Vapour	\$24.36	\$68.45
125W Mercury Vapour	\$0.00	\$76.59
250W Mercury Vapour	\$66.41	\$131.76
400W Mercury Vapour	\$66.41	\$149.02

Charges are exclusive of GST

Table 5: Public lighting annual charges applicable to Category V installations (\$2018/19)

Night Patrol	2019/20 – 2023/24	
	Capex	Opex
Night Patrol Per Asset Inspection	0.00	15.16

Charges are exclusive of GST