

### Royse Electric

2021				2022				2023			
Month	Day KWH	Night KWH	Monthly Total	Month	Day KWH	Night KWH	Monthly Total	Month	Day KWH	Night KWH	Monthly Total
January	356.6	133.1	489.7	January	518.1	154.4	672.5	January	668.9	155.4	824.3
February	302.2	116	418.2	February	522.5	146	668.5	February	633.5	138.5	772
March	355.4	126.2	481.6	March	586.4	153.19	739.6	March	687.4	157.3	844.7
April	355.5	133.1	488.6	April	484	151.3	635.3	April	543.79	153.9	697.7
May	442.5	165.9	608.4	May	554.9	150.69	705.6	May	579.7	148.9	728.6
June	403.9	143	546.9	June	536.1	148.6	684.7	June	586.1	156.4	742.5
July	440.7	150.3	591	July	515.1	167.2	682.3	July	585.4	163.9	749.3
August	484.2	157.8	642	August	559.5	172.9	732.4	August	633.7	169	802.7
September	515.6	156.1	671.7	September	582.79	159.11	742	September	593.6	163.4	757
October	612.5	162.6	775.1	October	537.97	152.8	690.6	October	578.29	156.1	734.4
November	602.2	142.69	744.89	November	634.2	153.9	788.1	November	711.6	197.8	909.4
December	501.4	146.1	647.5	December	624.5	156.1	780.6	December	594	174.7	768.7
<b>TOTAL for year</b>	<b>5372.7</b>	<b>1732.89</b>	<b>7105.59</b>	<b>TOTAL for y</b>	<b>6656.06</b>	<b>1866.19</b>	<b>8522.2</b>	<b>TOTAL for y</b>	<b>7395.98</b>	<b>1935.3</b>	<b>9331.3</b>

2021-2022                                      7105.6      8522.2      1416.6 increase per year  
 2022-2023                                      8522.2      9331.3      809.1 increase per year

Locations	Number of bulbs	Wattage of existing bulbs	Wattage of new LED bulb	Hrs used per day	Days per week	Energy cost per KWH	Non LED energy use KWH	LED Energy use kWh	Monthly saving with LED bulbs	Cost to upgrade to LED	Annual Saving Year 1	Annual Saving Year 2	Annual Saving Year 3	Annual Saving Year 10
Royse Court Reception Office	5	58	30	12	6	£0.24	1086 kWh	562 kWh	£10.48	£583.98	£125.76	£251.60	£377.40	£1,347.84
Royse GF entrance corridor	6	58	32	12	6	£0.24	1303 kWh	719 kWh	£11.68	£379.11	£140.16	£280.35	£420.53	£1,401.75
Royse Court 1F Office (main)	12	56	25	12	6	£0.24	2516 kWh	1123 kWh	£27.86	£1,314.60	£334.32	£668.53	£1,002.79	£3,342.64
Royse GF Office (DC)	4	56	25	12	6	£0.24	839 kWh	374 kWh	£9.29	£337.39	£111.48	£222.84	£557.11	£1,114.21
Royse Court 1F Small Office (TC)	4	36	8	12	6	£0.24	539 kWh	120 kWh	£8.39	£687.05	£100.68	£201.28	£301.92	£1,006.39
Royse Court 2F Office (HR)	6	36	8	12	6	£0.24	809 kWh	180 kWh	£12.58	£1,030.58	£150.96	£301.92	£452.87	£1,509.58