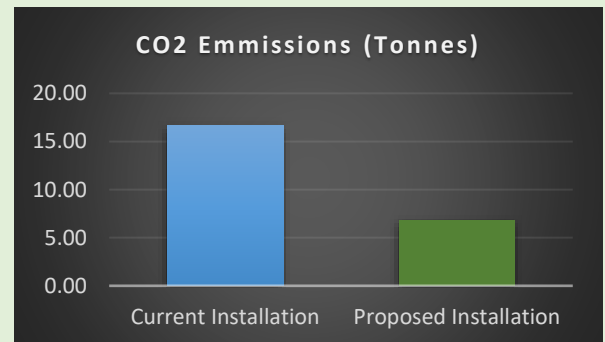
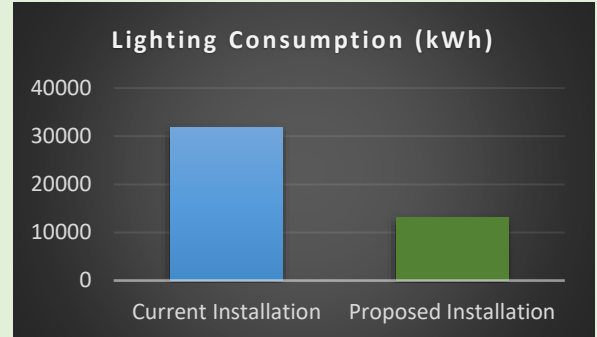


LED Case Study 2: Office Example



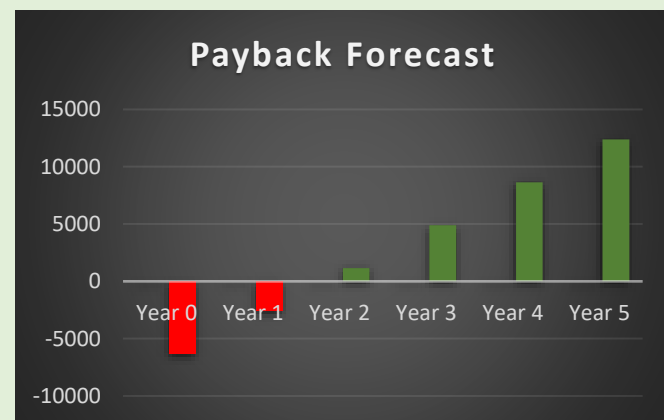
Site Summary

Current Price (Pence Per kWh)	£ 0.12
Current Installation	
Number of fittings	100
Annual electrical consumption of lighting (kWh)	31809
Annual Spend on electricity for lighting	£3,817.08
Assumed Servicing Costs (annual)	£1,500.00
Total Current Annual Costs (A)	£5,317.08
Current Annual CO2 Emissions from lighting (T's)	16.64
Proposed Installation	
Number of fittings	100
Annual electrical consumption of lighting (kWh)	13104
Annual Spend on electricity for lighting	£1,572.48
Assumed Servicing Costs (annual)	£0.00
Total Proposed Annual Costs (B)	£1,572.48
Proposed Annual CO2 Emissions from LEDs (T's)	6.85
Total Expected Annual Savings = (A)-(B)	£3,744.60



Payback Calculations

Hardware Non ECA Compliant	£ -
Total Non ECA Compliant	£ -
Hardware ECA Compliant	£5,164.29
Labour, Plant & Machinery - ECA Compliant	£4,580.00
Total installation ECA Compliant	£9,744.29
Total Installation	£9,744.29
ECA Benefit	£1,948.86
Carbon Trust Funding (if applicable*)	£1,461.64
Total installation including ECA & CBTF	£6,333.79
Payback Model (Years)	1.69
Annual CO2 Emission savings (Tonnes)	9.78



This example is based on 100 fittings run for 12 hours per day, 6 days per week.