

## REPORT

**SUBJECT: Update on Street Lighting Service and upgrade of Equipment**

**MEETING: Strong Communities Select Committee**

**DATE: 6<sup>th</sup> April 2017**

**DIVISION/WARDS AFFECTED: Countywide**

### 1. PURPOSE

To provide members with an update on the street lighting service, in particular the installation of remote control management equipment and LED lanterns.

### 2. RECOMMENDATIONS

2.1 That members note the contents of the report.

### 3. KEY ISSUES

3.1 For several years a remote management system has gradually been installed at various locations within the county. The system provides facilities to switch individual lights on and off, dimming, energy consumption and fault reporting.

3.2 As LED lanterns have become more affordable the authority has also started a programme of renewing older lanterns with LED lanterns. The benefit is reduced energy consumption plus greater reliability from the lanterns. The introduction of new lanterns has also allowed for a reduction in the maintenance budget as well as the energy budget.

3.3 The authority has funded the introduction of remote management technology and LED lanterns through SALIX and WG interest free loans (details of the loans are provided on the budget summary attached - appendix 1).

3.4 For some months the authority has been receiving reports and complaints of street lights being on during the day. The problem is associated with the remote control management system. The manufacturer has been advised of the ongoing problems and has allocated an engineer exclusively to the county to resolve the ongoing problems with 'dayburners' and any other remote management/communications issues. Whilst the authority does not incur costs due to increased energy consumption from dayburners the situation is unsatisfactory. This has been emphasized to the equipment supplier and the introduction of an engineer is gradually resolving the problems. This remedial work is at no cost to the Council.

#### 4. REASONS

4.1 To provide members with an update on the management and operation of the street lighting system in Monmouthshire.

#### 5. RESOURCE IMPLICATIONS:

5.1 Background budget and service information is provided in appendix 1 but there are no resource implications arising directly from this report.

5.2 The 'energy' entry in the budgets includes the repayment of loans for new equipment. The loan element of the budget is detailed below:

##### SALIX Loan

	Loan Repayment	Estimated Saving
12-13	52,500	68,839
13-14	52,500	68,839
14-15	52,500	68,839
15-16	52,500	68,839
16-17	52,500	68,839
17-18	52,500	68,839
<b>Total</b>	<b>315,000</b>	<b>413,034</b>

##### I2S LED Investment

	Total Investment	Estimated Annual Saving
MCC Capital Contrib 16-17	144,500	
17-18 (first year of a 10 year loan period)	43,350	47,500

#### 6. FUTURE GENERATIONS and EQUALITY ASSESSMENT

A full FGEA is not provided as this report is intended for information rather than decision. However the investment in LED lanterns and remote management is a sustainable method of energy reduction.

##### **SAFEGUARDING ASSESSMENT:**

**There are no safeguarding implications associated with the recommendations within this report.**

7. **CONSULTEES:** Street Lighting and Accountancy Officers

8. **BACKGROUND PAPERS:** Nil

9. **AUTHOR**

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