



Derby City Council

**COUNCIL CABINET**  
**15 April 2015**

Report of the Cabinet Member for  
Neighbourhoods and Streetpride

# ITEM 13

## Street Lighting Policy and Strategy

### SUMMARY

- 1.1 This report seeks approval to adopt the new Street Lighting Policy and Strategy documents attached as appendices 2 and 3.
- 1.2 The report demonstrates the importance placed on effective contract delivery combined with the principles of asset management and to deliver the significant savings towards both energy and carbon reduction targets and, to further demonstrate efficiencies.
- 1.3 The report sets out the benefits of following good street lighting design principles when upgrading or designing new lighting installations and takes into account the provision and level of lighting based on current industry standards.
- 1.4 The Council does not have a duty to provide street lighting but where it is provided, there is a duty under the Highways Act 1980 to maintain it.

### RECOMMENDATION

- 2.1 To approve the Street Lighting Policy and Strategy documents attached to this report.
- 2.2 To note the importance placed on the policy and strategy documents developed that will deliver savings across the whole of the street lighting infrastructure.

### REASONS FOR RECOMMENDATION

- 3.1 Street lighting is provided to ensure the safety of all users of the highway, but accounts for 12% of the council's electricity consumption and of its carbon emissions.  
  
The continued application of existing practices on lighting levels and technology would lead to a significant increase in this consumption as additional lighting is added to our stock. The new policy and strategy sets out our commitments to reduce the impact of climate change by new approaches to lighting levels, embracing the new technology available and good practice in the design of new lighting.
- 3.2 To ensure we have the policy and strategy in place to help us manage this vital asset

and provide a clearly defined approach to the provision of lighting to third parties. It sets out our aims and objectives for installation, maintenance and reactive repair to ensure value for money and to maximise the lifespan of this asset.



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Report of the Interim Strategic Director for Neighbourhoods

### **SUPPORTING INFORMATION**

- 4.1 The street lighting infrastructure in Derby has received major investment over the past 8 years through the introduction of the PFI contract.
- 4.2 On behalf of the council, our contractor operates and manages 32,083 street lighting assets and is valued at £59m, with further investment in 2022.
- 4.3 At a local level, the lighting infrastructure helps to shape the character and quality of the local areas and makes an important contribution to wider local authority priorities, including regeneration, social inclusion and community safety.
- 4.3 Street lighting consumes around 11,542,000 kWh of electricity, equivalent to the emission of 6,162 tonnes of carbon annually. Much of the current stock either exceeds or does not meet current lighting standards
- 4.4 There have been a number of technological advances in lighting in recent years, of which the most significant is the introduction of LED (light emitting diode) lighting. These offer longer life and lower levels of energy consumption.
- 4.5 The policy and strategy set out in Appendix 2 and 3 would involve a general review of the type of technology and apparatus used. This will be the opportunity to address lighting levels and timings when the street lights are on to ensure that the safety objectives and associated risks balanced with energy consumption and the cost of purchasing electricity

### **OTHER OPTIONS CONSIDERED**

#### **1 Not adopting a Street Lighting Policy and Strategy**

Not adopting the policy and strategy and the changes it entails, will potentially restrict the Council's methods of reducing energy and carbon emissions along with the ability innovate by the exploration and introduction of new technologies.

**This report has been approved by the following officers:**

Legal officer Financial officer Human Resources officer Estates/Property officer	
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<b>Service Director(s)</b> <b>Other(s)</b>	David Bartram
<b>For more information contact:</b> <b>Background papers:</b> <b>List of appendices:</b>	Michala Medcalf 01332 641856 michala.medcalf@derby.gov.uk None Appendix 1 – Implications Appendix 2 – Street Lighting Policy Appendix 3 – Street Lighting Strategy

## Appendix 1

### IMPLICATIONS

#### Financial and Value for Money

- 1.1 There is currently provision for the maintenance of the street lights through the PFI contract and the payment of energy costs through the revenue budget.

The new policy and strategy would involve measures to mitigate the rising costs of energy.

#### Legal

- 2.1 None

#### Personnel

- 3.1 None

#### IT

- 4.1 None

#### Equalities Impact

- 5.1 None

#### Health and Safety

- 6.1 Adopting the policy and strategy works towards our statutory duty to maintain the public highway in a safe manner for all users.

#### Environmental Sustainability

- 7.1 The development of a policy and strategy will contribute to our own Climate Change Strategy by reducing the Councils footprint.

#### Property and Asset Management

- 8.1 Adopting the policy and strategy offers improved asset management.

## **Risk Management**

- 9.1 Declining asset deterioration will potentially reduce the risk of highway third party claims.

## **Corporate objectives and priorities for change**

- 10.1 None.