

# EAST AYRSHIRE COUNCIL

CABINET - 2 April 2008

## STREET LIGHTING CAPITAL PROGRAMME 2008/9

### Report by the Executive Director of Neighbourhood Services

#### 1 PURPOSE OF REPORT

- 1.1 The purpose of this report is to seek Cabinet approval for the proposed 2008/9 Street Lighting Improvement Programme.

#### 2 BACKGROUND

- 2.1 An allocation of £220,000 has been proposed for street lighting improvements as part of the Roads and Transportation Capital Programme for 2008-09.
- 2.2 Development Services Committee at the meeting of 28 June 2005 approved the use of whiter light to replace the yellow Low Pressure Sodium lights previously used. High Pressure Sodium lights were chosen as a compromise lamp type as they offered a better colour rendering with only slightly higher running costs. The whiter light improves road and community safety.

#### 3 PROPOSALS

- 3.1 The proposed programme for street lighting improvement is set out as follows and has been developed from a prioritised list of schemes which was reported to Development Services Committee of 22 October 2002:

Scheme	Description	Cost
B751 Crosshouse to Knockentiber Phase 1	Replacement of unreliable overhead line system.	£44k
Kilmarnock – Kirkstyle Area	Replacement of system approaching end of serviceable life.	£80k
Kilmarnock – Bentinck Street	Replacement of system approaching end of serviceable life.	£20k
Darvel – Dublin Road Area Phase 2	Replacement of system approaching end of serviceable life.	£30k
New Cumnock – Burnside Phase 2	Replacement of unreliable overhead line system. This project was started last year but delayed by Scottish Power Works.	£46k
<b>Total</b>		<b>£220k</b>

- 3.2 For the Kirkstyle Area project it is proposed to extend the trial of Cosmopolis lamps, which are extremely energy efficient and have a much lower carbon

footprint than any other white light lamp, with a view to adopting this technology as the Council's preferred lamp in the future, should the trials be successful. The trial is to determine the long term reliability and cost effectiveness of the technology. Although there is a higher initial cost for the lighting installation, the lamp offers a 22% reduction in energy consumption, thereby reduction in carbon emissions, compared to the high pressure sodium lamps. It is expected that the cost of these lamps will drop within the next few years to the point where the additional costs will be offset by energy savings.

**3.3** The remaining projects will utilise the high pressure sodium whiter lights.

#### **4 FINANCIAL / LEGAL IMPLICATIONS**

**4.1** The street lighting improvement programme will be funded from the Roads and Transportation Division's capital budget allocation.

**4.2** The Council has a Duty of Care to ensure that lighting plant is in safe condition.

#### **5 POLICY IMPLICATIONS**

**5.1** Nil

#### **6 COMMUNITY PLAN IMPLICATIONS**

**6.1** Improved street lighting will improve road and community safety and enhance the night time environment of the areas selected and the trial of the energy efficient lighting will reduce carbon emissions. These benefits therefore link to the Community Plan themes of Community Safety and Improving the Environment.

#### **7 RECOMMENDATIONS**

**7.1** It is recommended that the Cabinet approve the proposed 2008/9 Street Lighting Improvement Programme as outlined in this report.

**William Stafford**  
**Executive Director of Neighbourhood Services**  
**18 March 2008**  
**JB/YK**

#### **LIST OF BACKGROUND PAPERS**

**Nil**

For further details on the contents of this report please contact Len Paget on 01563 576310.

Implementation Officer – Len Paget