

ANNEX A

Street Lighting (Cabinet Energy Champions Questionnaire)	
1.	How many streetlights are there in the district? 17568 street lights and approximately 2500 other lit units Contact Officer telephone/email: Ricky Watson Engineer (Projects) - Street Lighting
2.	What other outside (i.e. not within or directly attached to buildings property) lighting forms (possibly installations at roundabouts, flood lighting at leisure amenities, bus shelters etc) are the responsibilities of the Local Authority? Please list types and number Some Floodlights, Gas Lights, Bollards, Signs, Bus Shelters, signals Contact Officer telephone/email Ricky Watson Engineer (Projects) - Street Lighting
3.	What is the electricity consumption for street lighting over the last 3 years so we can assess trends? We have no accurate figure over the last three years as invoices were paid based on unmetered agreed rates, and these figures were incorrect. Contact Officer telephone/email Ricky Watson Engineer (Projects) - Street Lighting
4.	What percentage of electricity for streetlights is purchased from a green tariff? I do not know, as all energy is purchased through N-Power. Nb see opening paragraphs of the report Contact Officer telephone/email Ricky Watson Engineer (Projects) - Street Lighting
5.	Have you any policies to address the growth in streetlight numbers due to development? None other than the have to conform to current standards, and all schemes must be approved by myself (both design wise and materials wise). Contact Officer telephone/email Ricky Watson Engineer (Projects) - Street Lighting

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(Cabinet Energy Champions Questionnaire)**

6. Does the Council have a rolling programme or policy for replacing lighting fixtures and if so what is this?

We have a basic capital fund for the replacement of structurally unsound equipment; all other improvements are paid for via the Wards. Ricky Watson Engineer (Projects) - Street Lighting

This has the potential to affect all wards. All ward committees from time to time will consider the installation of new street lighting schemes through the ward committee budget process. It should be noted that the reason that ward committees fund these schemes is due to the lack of funding with DEDS for this. The work is commissioned and implemented by Ray Chaplin's consultancy team utilised external contractors. I am not sure that members of the public consider the issues within the proposed topic when they suggest street lighting schemes. They mainly do this from a community safety perspective. The NPU play no role in the procurement process or the specification of the standard of the street lights. There is potential conflict between the potential reasons why the public suggest the schemes and the desire to control light pollution, although there is technology available to control this.

Contact Officer telephone/email Zoe Burns Head of Neighbourhood Pride Unit

7. Does the Council have a rolling programme or policy for replacing or checking lighting fittings – i.e. bulbs etc - and if so what is this?

All lamps are replaced every three years, in order to maintain the maximum luminous efficacy.

Contact Officer telephone/email Ricky Watson Engineer (Projects) - Street Lighting

8. Has the authority specified that bulbs used in its street lighting are environmentally friendly and of low energy consuming types, if not what are the present types used?

All items will fall under the WEEE Directive. There is no such thing as a low energy gas discharge lamp, as they are the most efficient current form of lighting.

Contact Officer telephone/email Ricky Watson Engineer (Projects) - Street Lighting

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9. Has the authority installed any solar powered or alternately renewably sourced street lighting?

No as they don't work and can't guarantee that a safe level of lighting will be maintained. We had used them before and had to remove them because of this (our main obligation is to ensure that the lighting we have is lit). Previously we installed solar lights above the bus stops, within a very short time it was evident that the solar panels were not providing sufficient power for the batteries to be re-charged. A similar problem is occurring at the moment with Vehicle activated speed signs (which are low voltage!) we have already had to remove the batteries twice and recharge them in our contractors depot. I think that the main issue is there is insufficient sunlight in York to ensure enough energy for this equipment to function as it should. I think it is important to note that we must be able to guarantee a constant supply of energy to any equipment we use. Ricky Watson Engineer (Projects) - Street Lighting

The following related issues for consideration were provided by the City of York Council's Equality Officer. the quality of street lighting remains an important issue for people who feel vulnerable in the dark (particularly women, disabled people and elderly people). Hence any recommendations should ensure that if there is any reduction in quality or reliability of lighting that the impact on these communities / groups is assessed before any change is made.

Contact Officer telephone/email Julian Horsler Equalities Officer

10. To your knowledge how many streets in York, which are 'off net' might benefit from the introduction of stand-alone or cluster netted solar powered or alternately renewably sourced street lighting?

None, not a realistic proposal.

Contact Officer telephone/email Ricky Watson Engineer (Projects) - Street Lighting

11. Are you aware of any innovative best practice measures taken by other Local Authorities within the UK to reduce energy used in street lighting or to source street lighting more sustainably? If so please provide details

Yes, we are specifying more efficient electronic control gear and more accurate photo voltaic cells to reduce the overall circuit wattage.

Contact Officer telephone/email Ricky Watson Engineer (Projects) - Street Lighting

12. If any or all of the arrangements for street lighting are made through a contractor, what measures are taken to ensure that low energy bulb specifications and other environmental best practice measures are enforced through the terms of the contract.

We specify "quality equipment" which ensures that they operate more efficiently.

Contact Officer telephone/email Ricky Watson Engineer (Projects) - Street Lighting