

PLACES SCRUTINY PANEL

26 November 2015

STREET LIGHTING POLICY

Report of the Director for Places (Environment, Planning & Transport)

Strategic Aim:	Creating a safer community for all	
Exempt Information	No	
Cabinet Member(s) Responsible:	Mr T Mathias, Portfolio Holder for Places (Highways, Environment, Transport and Community Safety)	
Contact Officer(s):	Dave Brown, Director for Places (Environment, Planning & Transport)	01572 758461 dbrown@rutland.gov.uk
	Neil Tomlinson, Senior Highways Manager	01572 758342 ntomlinson@rutland.gov.uk
Ward Councillors	All	

DECISION RECOMMENDATIONS

That the Places Scrutiny Panel:

1. Considers and comments on the options for the division of responsibility for street lighting between RCC and parish/town councils as set out in section 4 of this report.

1 PURPOSE OF THE REPORT

- 1.1 To consider street lighting arrangements for Rutland.

2 BACKGROUND AND MAIN CONSIDERATIONS

- 2.1 The current arrangement and contribution figures were established in 1991 and no adjustments have been made since that time.
- 2.2 In 2012, following the submission of report 23/2012, Cabinet made the following decisions:
 - a) That the replacement of RCC's low pressure sodium lamps (35W SOX) with compact fluorescent low energy lamps (24W PLL) be funded from the highway capital programme be **APPROVED**.
 - b) That a loan fund be established for parish and town councils to make energy saving upgrades to their lighting stock with loans to be repaid over

10 years, subject to satisfactory consultation with the parish and town Councils be **APPROVED**.

- c) That a policy for the achievement of the clear transfer of responsibility between highways and town and parish councils be developed and brought back with an objective of achieving fairness be **AGREED**.

2.3 The original lighting upgrades approved in 2.2a, were carried out, and following progresses in technology, further LED lighting upgrades were carried out throughout 2014/15.

2.4 On 20th September 2012, report 191/2012 taken to Places Scrutiny Panel agreed the terms of reference for the Street Lighting Task and Finish Group as follows:

- a) Develop a policy for the clear division of responsibility for street lighting between RCC, town and parish councils.
- b) Review the available technology for improving the efficiency of the county's street lighting stock.
- c) Develop a system to allow parishes to access the funding required to improve the efficiency of their lighting stock.

2.5 The review of available technology has been undertaken, in conjunction with our street lighting contractor. 473 lights have been converted to 24w PLL, saving around £7600/ year, and 300 lights have been upgraded to LED units, producing and energy saving of around £6000/year. The payback time of 7 or 8 years exceeds the requirements originally set by Cabinet.

2.6 Report 267/2013 to the Places Scrutiny Panel recommended that three options be evaluated.

3 STREET LIGHTING TECHNOLOGY & INFORMATION

3.1 Three suitable suppliers of LED lighting units were reviewed and a supplier chosen, based on technology, guarantee and cost. The comparative costs of the different wattage units, and the comparative energy and maintenance savings can be examined in Appendix A.

3.2 The comparative costs relate to the cost of a single LED unit, and if approval is granted the entire scheme will be target costed, and unit costs may reduce if more than 500 units are ordered.

3.3 Prior to LED conversion all lighting columns are structurally checked to ensure that there is a residual lifespan exceeding the minimum life of the new lanterns. Defective columns will be replaced.

3.4 The comparative costs and payback periods are based on direct replacements where possible. Some units may require modifications or column replacement, however funding for specific unit assessment can only be allocated to this should approval be granted. Individual sites will be assessed as part of the target cost setting process.

3.5 LED units offer energy savings of around 60% per unit. These figures will prevail whether energy costs go up or down. Energy costs are currently down 5% on last year, but the general trend over the last 5 years has seen energy costs rise by up to 25% before falling back to 2010 prices.

3.6 LED units are manufacturer guaranteed for 12 years from installation, with a life expectancy of up to 25 years.

4 OPTIONS

4.1 The following options are been considered:

- i) Option 1 - Do nothing. No further upgrades are undertaken and the current parish contributions and costs remain the same. No savings will be made to energy or maintenance costs.
- ii) Option 2 - Upgrade only RCC owned stock to LED units, reducing RCC energy and maintenance costs. Parish contributions and costs would remain the same. Parishes would remain responsible for the inspection and maintenance of their lighting stock.
- iii) Option 3 - Upgrade only RCC owned stock to LED units, reducing RCC energy and maintenance costs. Parishes would remain responsible for the inspection and maintenance of their lighting stock but also pay the full energy costs for their stock.
- iv) Option 4 - Upgrade all suitable stock to LED units. Categorise all lighting as either highway or community lighting (see 6.2) and recover energy costs for community lighting from town and parish councils/meetings. RCC would inspect and maintain all lighting stock throughout the County.
- v) Option 5 - Upgrade all suitable stock to LED units. RCC would inspect, maintain and pay the energy cost of all lighting stock throughout the County.

4.2 The Places Scrutiny Panel are invited to consider and comment on these options. Reference should be made to the costs set out in Appendices C and D.

5 PARISH INFORMATION

5.1 Consultation will be required with each parish to agree existing lighting inventories and costs.

5.2 Energy suppliers to parish councils have recently reviewed their contracts, and current parish energy costs of around 8.5p/unit will rise, or have already risen, to 12p/unit. RCC will have to pay the difference in increased bills, as the current cost recovery policy mechanism does not allow for inflation. RCC currently receives a rate of about 10.8p/unit.

5.3 Parish councils have no incentive to carry out regular maintenance or upgrade to energy efficient units, and as their contributions are fixed, costs to RCC will continue to rise, as demonstrated in Appendix C.

- 5.4 Annual adjustments would be made to any parish contributions each year, dependant on energy supply costs, which could go up or down. This would be communicated to parishes annually at a date to be confirmed. The contribution figures in Appendix B are based on year 1 costs.
- 5.5 If parish contributions are agreed, they would commence from 2017/18 to allow for the setting of precepts.

6 COUNTY COUNCIL INFORMATION

- 6.1 Implementation of option 4 will require agreements with those councils that currently make no contributions to ensure parity across all parishes. If no agreement can be reached, parish and town councils will be responsible for the inspection, maintenance and energy costs for all of their street lighting stock. No additional funding or subsidies will be available from RCC (as option 3).
- 6.2 All lighting stock has been assessed as 'highway' or 'community' lighting, bearing in mind there is no duty to light the highway. The following lighting has been assessed to be 'highway' lighting:
- All lighting on A and B roads
 - Lighting at specific safety schemes
 - All signs requiring illumination in accordance with the Traffic Signs Regulations and General Directions 2002.
 - Commercial centres of Oakham and Uppingham as defined within our Highway Inspection and Winter Maintenance policies.
- 6.3 LED upgrade works would commence from 2016/17, with initial revenue savings available from 2017/18.
- 6.4 The total initial cost for upgrades of around £800k, with a return on investment of less than 8 years (see Appendix C).
- 6.5 Funding will be allocated from the highways capital maintenance programme, phased over 3 years, with the most inefficient lights being changed first.

7 CONCLUSION AND SUMMARY OF REASONS FOR THE RECOMMENDATIONS

- 7.1 The Places Scrutiny Panel are invited to consider the information set out in this report and recommend which of the options for the division of responsibility for street lighting between RCC and parish/town councils should be taken forward.

8 BACKGROUND PAPERS

- 8.1 Report No 23/2012 – Street Lighting
- 8.2 Report No 191/2012 – Street Lighting Task and Finish Group Terms of Reference

8.3 Report No 267/2013 – Street Lighting Task and Finish Group to Scrutiny

9 APPENDICES

9.1 Appendix A – LED Lighting Comparisons

9.2 Appendix B – Contributions and Payback Periods

9.3 Appendix C – Parish Street Lighting Costs

A Large Print or Braille Version of this Report is available upon request – Contact 01572 722577.

Appendix A1

Energy Inflation 5.0%
Maintenance Inflation 2.5%

Description	35W SOX				Aspect 1 19W				
Supplier	EXISTING				TRT Lighting				
Lamp Charge Code	11 0035 2000 100				41 0019 0016 100				
Nominal Wattage	35				19				
Actual Circuit Wattage	58				19				
Gaurantee Period (years)	0				12				
Energy Cost/unit	£0.107669				£0.107669				
Annual energy use @ unit rate	£26.85				£9.43				
Supply & Install	£0.00				£270.00				
Bulb Change	£20.33				£0.00				
Yearly repairs	£10.00				£0.00				
Year	Energy Cost	Installation & Maintenance	Annual Cost	Cumulative cost	Energy Cost	Installation & Maintenance	Running Costs	Cumulative cost	Saving
1	£26.85	£10.00	£36.85	£36.85	£9.43	£270.00	£279.43	£279.43	-£242.58
2	£28.19	£10.25	£38.44	£75.29	£9.90	£0.00	£9.90	£289.33	-£214.04
3	£29.60	£21.36	£50.96	£126.25	£10.40	£0.00	£10.40	£299.73	-£173.47
4	£31.08	£10.77	£41.85	£168.10	£10.92	£0.00	£10.92	£310.64	-£142.54
5	£32.64	£11.04	£43.67	£211.78	£11.46	£0.00	£11.46	£322.11	-£110.33
6	£34.27	£23.00	£57.27	£269.05	£12.04	£0.00	£12.04	£334.14	-£65.09
7	£35.98	£11.60	£47.58	£316.63	£12.64	£0.00	£12.64	£346.78	-£30.15
8	£37.78	£11.89	£49.67	£366.30	£13.27	£0.00	£13.27	£360.05	£6.25
9	£39.67	£24.77	£64.44	£430.73	£13.93	£0.00	£13.93	£373.98	£56.75
10	£41.65	£12.49	£54.14	£484.88	£14.63	£0.00	£14.63	£388.61	£96.27
11	£43.74	£12.80	£56.54	£541.41	£15.36	£0.00	£15.36	£403.97	£137.44
12	£45.92	£26.67	£72.60	£614.01	£16.13	£0.00	£16.13	£420.10	£193.91
13	£48.22	£13.45	£61.67	£675.68	£16.93	£0.00	£16.93	£437.03	£238.64
14	£50.63	£13.79	£64.41	£740.09	£17.78	£0.00	£17.78	£454.82	£285.28
15	£53.16	£28.73	£81.89	£821.98	£18.67	£0.00	£18.67	£473.49	£348.49
16	£55.82	£14.48	£70.30	£892.28	£19.60	£0.00	£19.60	£493.09	£399.19
17	£58.61	£14.85	£73.46	£965.74	£20.58	£0.00	£20.58	£513.67	£452.06
18	£61.54	£30.93	£92.48	£1,058.21	£21.61	£0.00	£21.61	£535.29	£522.92
19	£64.62	£15.60	£80.21	£1,138.43	£22.69	£0.00	£22.69	£557.98	£580.44
20	£67.85	£15.99	£83.84	£1,222.26	£23.83	£0.00	£23.83	£581.81	£640.45
21	£71.24	£33.31	£104.55	£1,326.82	£25.02	£0.00	£25.02	£606.83	£719.98
22	£74.80	£16.80	£91.60	£1,418.42	£26.27	£0.00	£26.27	£633.10	£785.31
23	£78.54	£17.22	£95.76	£1,514.17	£27.59	£0.00	£27.59	£660.69	£853.48
24	£82.47	£35.87	£118.34	£1,632.52	£28.96	£0.00	£28.96	£689.65	£942.87
25	£86.59	£18.09	£104.68	£1,737.20	£30.41	£0.00	£30.41	£720.07	£1,017.13

Appendix A2

Energy Inflation 5.0%
 Maintenance Inflation 2.5%

Description	50W SON T				Aspect 1 27W				
Supplier	EXISTING				TRT Lighting				
Lamp Charge Code	14 0050 1000 100				41 0019 0016 100				
Nominal Wattage	50				27				
Actual Circuit Wattage	69				27				
Gaurantee Period (years)	0				12				
Energy Cost/unit	0.107669				0.107669				
Annual energy use @ unit rate	£31.77				£13.71				
Supply & Install	£0.00				£270.00				
Bulb Change	£7.33				£0.00				
Yearly repairs	£10.00								
Year	Energy Cost	Installation & Maintenance	Annual Cost	Cumulative cost	Energy Cost	Installation & Maintenance	Running Costs	Cumulativ e cost	Saving
1	£31.77	£10.00	£41.77	£41.77	£13.71	£270.00	£283.71	£283.71	-£241.94
2	£33.36	£10.25	£43.61	£85.38	£14.40	£0.00	£14.40	£298.11	-£212.73
3	£35.03	£7.70	£42.73	£128.11	£15.12	£0.00	£15.12	£313.22	-£185.11
4	£36.78	£10.77	£47.55	£175.65	£15.87	£0.00	£15.87	£329.09	-£153.44
5	£38.62	£11.04	£49.65	£225.31	£16.66	£0.00	£16.66	£345.76	-£120.45
6	£40.55	£8.29	£48.84	£274.15	£17.50	£0.00	£17.50	£363.25	-£89.11
7	£42.57	£11.60	£54.17	£328.32	£18.37	£0.00	£18.37	£381.63	-£53.31
8	£44.70	£11.89	£56.59	£384.91	£19.29	£0.00	£19.29	£400.92	-£16.01
9	£46.94	£8.93	£55.87	£440.78	£20.26	£0.00	£20.26	£421.17	£19.61
10	£49.29	£12.49	£61.77	£502.55	£21.27	£0.00	£21.27	£442.44	£60.11
11	£51.75	£12.80	£64.55	£567.11	£22.33	£0.00	£22.33	£464.78	£102.33
12	£54.34	£9.62	£63.96	£631.06	£23.45	£0.00	£23.45	£488.22	£142.84
13	£57.05	£13.45	£70.50	£701.56	£24.62	£0.00	£24.62	£512.84	£188.72
14	£59.91	£13.79	£73.69	£775.26	£25.85	£0.00	£25.85	£538.70	£236.56
15	£62.90	£10.36	£73.26	£848.52	£27.14	£0.00	£27.14	£565.84	£282.67
16	£66.05	£14.48	£80.53	£929.05	£28.50	£0.00	£28.50	£594.34	£334.70
17	£69.35	£14.85	£84.19	£1,013.24	£29.93	£0.00	£29.93	£624.27	£388.97
18	£72.82	£11.15	£83.97	£1,097.21	£31.42	£0.00	£31.42	£655.69	£441.52
19	£76.46	£15.60	£92.05	£1,189.27	£32.99	£0.00	£32.99	£688.69	£500.58
20	£80.28	£15.99	£96.27	£1,285.53	£34.64	£0.00	£34.64	£723.33	£562.20
21	£84.30	£12.01	£96.31	£1,381.84	£36.38	£0.00	£36.38	£759.71	£622.13
22	£88.51	£16.80	£105.31	£1,487.15	£38.20	£0.00	£38.20	£797.91	£689.24
23	£92.94	£17.22	£110.15	£1,597.30	£40.11	£0.00	£40.11	£838.01	£759.29
24	£97.58	£12.93	£110.52	£1,707.81	£42.11	£0.00	£42.11	£880.12	£827.69
25	£102.46	£18.09	£120.55	£1,828.36	£44.22	£0.00	£44.22	£924.34	£904.02

Appendix A3

Energy Inflation 5.0%
 Maintenance Inflation 2.5%

Description	70W SON T				Aspect 1 27W				
Supplier	EXISTING				TRT Lighting				
Lamp Charge Code	14 0050 1000 100				41 0019 0016 100				
Nominal Wattage	70				27				
Actual Circuit Wattage	90				27				
Gaurantee Period (years)	0				12				
Energy Cost/unit	0.107669				0.107669				
Annual energy use @ unit rate	£41.15				£13.71				
Supply & Install	£0.00				£270.00				
Bulb Change	£7.33				£0.00				
Yearly repairs	£10.00								
Year	Energy Cost	Installation & Maintenance	Annual Cost	Cumulative cost	Energy Cost	Installation & Maintenance	Running Costs	Cumulativ e cost	Saving
1	£41.15	£10.00	£51.15	£51.15	£13.71	£270.00	£283.71	£283.71	-£232.56
2	£43.21	£10.25	£53.46	£104.61	£14.40	£0.00	£14.40	£298.11	-£193.50
3	£45.37	£7.70	£53.07	£157.68	£15.12	£0.00	£15.12	£313.22	-£155.54
4	£47.64	£10.77	£58.41	£216.08	£15.87	£0.00	£15.87	£329.09	-£113.01
5	£50.02	£11.04	£61.06	£277.14	£16.66	£0.00	£16.66	£345.76	-£68.62
6	£52.52	£8.29	£60.81	£337.95	£17.50	£0.00	£17.50	£363.25	-£25.30
7	£55.14	£11.60	£66.74	£404.69	£18.37	£0.00	£18.37	£381.63	£23.06
8	£57.90	£11.89	£69.79	£474.48	£19.29	£0.00	£19.29	£400.92	£73.56
9	£60.80	£8.93	£69.73	£544.21	£20.26	£0.00	£20.26	£421.17	£123.03
10	£63.84	£12.49	£76.33	£620.53	£21.27	£0.00	£21.27	£442.44	£178.09
11	£67.03	£12.80	£79.83	£700.36	£22.33	£0.00	£22.33	£464.78	£235.59
12	£70.38	£9.62	£80.00	£780.36	£23.45	£0.00	£23.45	£488.22	£292.14
13	£73.90	£13.45	£87.35	£867.71	£24.62	£0.00	£24.62	£512.84	£354.87
14	£77.59	£13.79	£91.38	£959.09	£25.85	£0.00	£25.85	£538.70	£420.39
15	£81.47	£10.36	£91.83	£1,050.92	£27.14	£0.00	£27.14	£565.84	£485.08
16	£85.55	£14.48	£100.03	£1,150.95	£28.50	£0.00	£28.50	£594.34	£556.61
17	£89.83	£14.85	£104.67	£1,255.62	£29.93	£0.00	£29.93	£624.27	£631.35
18	£94.32	£11.15	£105.47	£1,361.09	£31.42	£0.00	£31.42	£655.69	£705.40
19	£99.03	£15.60	£114.63	£1,475.72	£32.99	£0.00	£32.99	£688.69	£787.03
20	£103.98	£15.99	£119.97	£1,595.69	£34.64	£0.00	£34.64	£723.33	£872.36
21	£109.18	£12.01	£121.19	£1,716.89	£36.38	£0.00	£36.38	£759.71	£957.18
22	£114.64	£16.80	£131.44	£1,848.33	£38.20	£0.00	£38.20	£797.91	£1,050.42
23	£120.37	£17.22	£137.59	£1,985.92	£40.11	£0.00	£40.11	£838.01	£1,147.90
24	£126.39	£12.93	£139.33	£2,125.24	£42.11	£0.00	£42.11	£880.12	£1,245.12
25	£132.71	£18.09	£150.80	£2,276.04	£44.22	£0.00	£44.22	£924.34	£1,351.70

Appendix A4

Energy Inflation 5.0%
 Maintenance Inflation 2.5%

Description	100W SON T				Aspect 2 57W				
Supplier	EXISTING				TRT Lighting				
Lamp Charge Code	14 0050 1000 100				41 0019 0016 100				
Nominal Wattage	100				57				
Actual Circuit Wattage	123				57				
Gaurantee Period (years)	0				12				
Energy Cost/unit	0.107669				0.107669				
Annual energy use @ unit rate	£55.89				£26.41				
Supply & Install	£0.00				£310.00				
Bulb Change	£8.31				£0.00				
Yearly repairs	£10.00								
Year	Energy Cost	Installation & Maintenance	Annual Cost	Cumulative cost	Energy Cost	Installation & Maintenance	Running Costs	Cumulative cost	Saving
1	£55.89	£10.00	£65.89	£65.89	£26.41	£310.00	£336.41	£336.41	-£270.52
2	£58.68	£10.25	£68.93	£134.82	£27.73	£0.00	£27.73	£364.14	-£229.32
3	£61.62	£8.73	£70.35	£205.17	£29.12	£0.00	£29.12	£393.26	-£188.08
4	£64.70	£10.77	£75.47	£280.64	£30.57	£0.00	£30.57	£423.83	-£143.19
5	£67.93	£11.04	£78.97	£359.62	£32.10	£0.00	£32.10	£455.93	-£96.32
6	£71.33	£9.40	£80.73	£440.35	£33.71	£0.00	£33.71	£489.64	-£49.29
7	£74.90	£11.60	£86.49	£526.84	£35.39	£0.00	£35.39	£525.03	£1.81
8	£78.64	£11.89	£90.53	£617.37	£37.16	£0.00	£37.16	£562.19	£55.18
9	£82.57	£10.12	£92.70	£710.07	£39.02	£0.00	£39.02	£601.21	£108.86
10	£86.70	£12.49	£99.19	£809.27	£40.97	£0.00	£40.97	£642.18	£167.08
11	£91.04	£12.80	£103.84	£913.11	£43.02	£0.00	£43.02	£685.20	£227.90
12	£95.59	£10.90	£106.49	£1,019.60	£45.17	£0.00	£45.17	£730.37	£289.23
13	£100.37	£13.45	£113.82	£1,133.42	£47.43	£0.00	£47.43	£777.80	£355.62
14	£105.39	£13.79	£119.17	£1,252.59	£49.80	£0.00	£49.80	£827.60	£424.99
15	£110.66	£11.74	£122.40	£1,374.99	£52.29	£0.00	£52.29	£879.89	£495.10
16	£116.19	£14.48	£130.67	£1,505.67	£54.90	£0.00	£54.90	£934.79	£570.87
17	£122.00	£14.85	£136.85	£1,642.51	£57.65	£0.00	£57.65	£992.44	£650.07
18	£128.10	£12.64	£140.75	£1,783.26	£60.53	£0.00	£60.53	£1,052.98	£730.28
19	£134.51	£15.60	£150.10	£1,933.36	£63.56	£0.00	£63.56	£1,116.54	£816.83
20	£141.23	£15.99	£157.22	£2,090.58	£66.74	£0.00	£66.74	£1,183.27	£907.31
21	£148.29	£13.62	£161.91	£2,252.49	£70.07	£0.00	£70.07	£1,253.35	£999.14
22	£155.71	£16.80	£172.50	£2,424.99	£73.58	£0.00	£73.58	£1,326.92	£1,098.07
23	£163.49	£17.22	£180.71	£2,605.70	£77.26	£0.00	£77.26	£1,404.18	£1,201.52
24	£171.67	£14.66	£186.33	£2,792.03	£81.12	£0.00	£81.12	£1,485.30	£1,306.73
25	£180.25	£18.09	£198.34	£2,990.37	£85.17	£0.00	£85.17	£1,570.47	£1,419.90

Parish	Current Costs				Post LED conversion costs				Parish Costs						
	Current community lighting Cost	Highway Lighting Cost	Other - SIDS, VAS etc	Current Total Energy Cost	Future community lighting Cost	Future Highway Lighting Cost	Future Other - SIDS, VAS etc	Post LED Upgrade Energy Cost	Current Parish Contribution	Proposed Parish Contribution	Total LED Upgrade Cost	Annual Energy Saving	Annual Maintenance Saving	Total Annual Saving	Return on Investment (years)
Ashwell	£ 1,116.33	£ -	£ -	£ 1,116.33	£ 376.56	£ -	£ -	£ 376.56	£ 193.00	£ 376.56	£ 9,450.00	£ 739.77	£ 477.99	£ 1,217.76	7.76
Barleythorpe	£ 53.71	£ 243.08	£ -	£ 296.79	£ 18.86	£ 219.50	£ -	£ 238.36	£ 88.00	£ 18.86	£ 1,080.00	£ 58.43	£ 72.66	£ 131.09	8.24
Barrow	£ 119.18	£ -	£ -	£ 119.18	£ 66.02	£ -	£ -	£ 66.02	£ 43.00	£ 66.02	£ 1,890.00	£ 53.16	£ 108.87	£ 162.03	11.66
Barrowden	£ 1,475.40	£ -	£ -	£ 1,475.40	£ 643.16	£ -	£ -	£ 643.16	£ 300.00	£ 643.16	£ 13,230.00	£ 832.24	£ 644.68	£ 1,476.92	8.96
Belton	£ 392.63	£ -	£ 153.48	£ 546.11	£ 221.09	£ -	£ 153.48	£ 374.57	£ 223.00	£ 221.09	£ 4,590.00	£ 171.54	£ 182.71	£ 354.25	12.96
Bisbrooke	£ 231.51	£ -	£ -	£ 231.51	£ 114.47	£ -	£ -	£ 114.47	£ 223.00	£ 114.47	£ 2,970.00	£ 117.04	£ 155.77	£ 272.81	10.89
Braunston in Rutland	£ 627.61	£ -	£ 29.63	£ 657.24	£ 259.07	£ -	£ 29.63	£ 288.70	£ 254.00	£ 259.07	£ 5,670.00	£ 368.54	£ 316.41	£ 684.95	8.28
Burley	£ 161.17	£ 1,373.51	£ 64.75	£ 1,599.43	£ 56.60	£ 694.31	£ 64.75	£ 815.66	£ -	£ 56.60	£ 7,700.00	£ 783.77	£ 260.48	£ 1,044.25	7.37
Caldecott	£ 368.30	£ 381.11	£ 39.51	£ 788.92	£ 144.05	£ 130.05	£ 39.51	£ 313.61	£ 192.00	£ 144.05	£ 6,210.00	£ 475.31	£ 265.82	£ 741.13	8.38
Clipsham	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	0.00
Cottesmore	£ 2,917.89	£ 813.36	£ 197.56	£ 3,928.81	£ 1,615.26	£ 122.61	£ 197.56	£ 1,935.43	£ -	£ 1,615.26	£ 22,950.00	£ 1,993.38	£ 1,138.22	£ 3,131.60	7.33
Edith Weston	£ 1,079.25	£ -	£ 165.35	£ 1,244.60	£ 383.71	£ -	£ 165.35	£ 549.06	£ 902.00	£ 383.71	£ 9,450.00	£ 695.54	£ 467.78	£ 1,163.32	8.12
Eggleton	£ 103.54	£ -	£ -	£ 103.54	£ 66.02	£ -	£ -	£ 66.02	£ 50.00	£ 66.02	£ 1,890.00	£ 37.52	£ 73.13	£ 110.65	17.08
Empingham	£ 1,642.89	£ 273.08	£ 111.42	£ 2,027.39	£ 585.21	£ 97.92	£ 111.42	£ 794.55	£ 640.00	£ 585.21	£ 16,200.00	£ 1,232.84	£ 1,011.67	£ 2,244.51	7.22
Essendine	£ 473.40	£ 295.39	£ 9.88	£ 778.67	£ 386.29	£ 103.75	£ 9.88	£ 499.92	£ 151.00	£ 386.29	£ 4,320.00	£ 278.75	£ 248.85	£ 527.60	8.19
Exton (inc. Barnsdale Top)	£ 857.19	£ -	£ 63.04	£ 920.23	£ 409.57	£ -	£ 63.04	£ 472.61	£ 416.00	£ 409.57	£ 10,800.00	£ 447.62	£ 479.17	£ 926.79	11.65
Glaston	£ 149.01	£ 224.11	£ 25.22	£ 398.34	£ 57.88	£ 94.11	£ 25.22	£ 177.21	£ 125.00	£ 57.88	£ 3,050.00	£ 221.13	£ 119.56	£ 340.68	8.95
Great Casterton	£ 1,067.59	£ 335.85	£ 57.53	£ 1,460.97	£ 508.30	£ 225.95	£ 57.53	£ 791.78	£ 292.00	£ 508.30	£ 9,800.00	£ 669.19	£ 800.92	£ 1,470.11	6.67
Greetham	£ 451.40	£ 627.06	£ 148.17	£ 1,226.63	£ 250.38	£ 265.67	£ 148.17	£ 664.22	£ 373.00	£ 250.38	£ 11,340.00	£ 562.41	£ 449.01	£ 1,011.42	11.21
Gunthorpe	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	0.00
Hambleton	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	0.00
Ketton	£ 4,124.52	£ 960.03	£ 215.63	£ 5,300.18	£ 1,588.94	£ 348.02	£ 215.63	£ 2,152.59	£ 1,266.00	£ 1,588.94	£ 46,980.00	£ 3,147.59	£ 2,359.50	£ 5,507.09	8.53
Langham	£ 2,166.64	£ 187.97	£ 215.63	£ 2,570.24	£ 780.47	£ 66.02	£ 215.63	£ 1,062.12	£ 807.00	£ 780.47	£ 21,330.00	£ 1,508.12	£ 1,126.60	£ 2,634.72	8.10
Little Casterton & Toll Bar	£ 161.12	£ 1,694.33	£ 49.39	£ 1,904.84	£ 56.59	£ 720.04	£ 49.39	£ 826.02	£ 142.00	£ 56.59	£ 22,800.00	£ 1,078.82	£ 829.75	£ 1,908.57	11.95
Lyddington	£ 761.78	£ -	£ 19.76	£ 781.54	£ 273.51	£ -	£ 19.76	£ 293.27	£ 264.00	£ 273.51	£ 7,830.00	£ 488.27	£ 440.84	£ 929.11	8.43
Lyndon	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	0.00
Manton	£ 1,216.19	£ -	£ 111.39	£ 1,327.58	£ 195.08	£ -	£ 111.39	£ 306.47	£ 244.00	£ 195.08	£ 6,480.00	£ 1,021.11	£ 291.59	£ 1,312.70	4.94
Market Overton	£ 560.53	£ -	£ 9.88	£ 570.41	£ 543.11	£ -	£ 9.88	£ 552.99	£ 240.00	£ 543.11	£ 270.00	£ 17.42	£ 15.55	£ 32.97	8.19
Morcott	£ 456.51	£ 1,839.20	£ 143.76	£ 2,439.47	£ 160.34	£ 1,325.48	£ 143.76	£ 1,629.58	£ 263.00	£ 160.34	£ 9,350.00	£ 809.89	£ 405.33	£ 1,215.22	7.69
Normanton	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	0.00
North Luffenham	£ 1,923.08	£ -	£ 143.76	£ 2,066.83	£ 720.96	£ -	£ 143.76	£ 864.72	£ 433.00	£ 720.96	£ 18,900.00	£ 1,202.12	£ 1,001.93	£ 2,204.05	8.58
Oakham	£ 18,917.20	£ 27,323.98	£ 3,403.89	£ 49,645.07	£ 11,361.36	£ 13,816.99	£ 3,403.89	£ 28,582.24	£ -	£ 11,361.36	£ 204,290.00	£ 21,062.83	£ 6,937.28	£ 28,000.11	7.30
Pickworth	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	0.00
Pilton	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	0.00
Preston	£ 397.19	£ 123.45	£ 59.27	£ 579.91	£ 126.48	£ 39.02	£ 59.27	£ 224.77	£ 146.00	£ 126.48	£ 3,510.00	£ 355.14	£ 458.92	£ 814.06	4.31
Ridlington	£ 452.63	£ -	£ -	£ 452.63	£ 143.06	£ -	£ -	£ 143.06	£ 130.00	£ 143.06	£ 2,970.00	£ 309.57	£ 114.92	£ 424.49	7.00
Ryhall	£ 4,033.08	£ 1,697.66	£ 343.21	£ 6,073.95	£ 1,533.25	£ 765.80	£ 343.21	£ 2,642.26	£ 1,243.00	£ 1,533.25	£ 47,940.00	£ 3,431.69	£ 2,364.19	£ 5,795.88	8.27
Seaton	£ 658.38	£ -	£ -	£ 658.38	£ 208.08	£ -	£ -	£ 208.08	£ 121.00	£ 208.08	£ 4,320.00	£ 450.30	£ 167.16	£ 617.46	7.00
South Luffenham	£ 1,144.22	£ 1,425.50	£ 315.46	£ 2,885.19	£ 417.86	£ 594.16	£ 315.46	£ 1,327.48	£ 121.00	£ 208.08	£ 18,620.00	£ 1,557.71	£ 852.92	£ 2,410.63	7.72
Stoke Dry	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	0.00
Stretton	£ 1,033.34	£ 2,434.74	£ 158.05	£ 3,626.13	£ 370.41	£ 1,246.47	£ 158.05	£ 1,774.93	£ 347.00	£ 417.86	£ 20,900.00	£ 1,851.20	£ 847.82	£ 2,699.02	7.74
Teigh	£ 153.92	£ -	£ -	£ 153.92	£ 61.45	£ -	£ -	£ 61.45	£ 42.00	£ 61.45	£ 1,350.00	£ 92.47	£ 101.27	£ 193.74	6.97
Thistleton	£ 411.49	£ -	£ 9.88	£ 421.37	£ 130.05	£ -	£ 9.88	£ 139.93	£ 82.00	£ 130.05	£ 2,700.00	£ 281.44	£ 104.48	£ 385.92	7.00
Thorpe by Water	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	0.00
Tickencote	£ 220.98	£ -	£ -	£ 220.98	£ 78.03	£ -	£ -	£ 78.03	£ 48.00	£ 78.03	£ 1,620.00	£ 142.95	£ 62.69	£ 205.64	7.88
Tinwell	£ 477.75	£ 1,732.55	£ 29.63	£ 2,239.93	£ 154.77	£ 747.53	£ 29.63	£ 931.93	£ 60.00	£ 154.77	£ 9,660.00	£ 1,308.00	£ 479.88	£ 1,787.88	5.40
Tixover	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	0.00
Uppingham	£ 8,324.08	£ 11,705.00	£ 429.23	£ 20,458.31	£ 3,358.36	£ 5,383.04	£ 429.23	£ 9,170.63	£ 2,100.00	£ 3,358.36	£ 138,410.00	£ 11,287.69	£ 5,075.68	£ 16,363.37	8.46
Wardley	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	£ -	0.00
Whissendine	£ 3,517.75	£ -	£ 39.51	£ 3,557.26	£ 1,309.18	£ -	£ 39.51	£ 1,348.69	£ 821.00	£ 1,309.18	£ 32,670.00	£ 2,208.57	£ 1,641.98	£ 3,850.55	8.48
Whitwell	£ -	£ 161.12	£ 19.76	£ 180.88	£ -	£ 56.59	£ 19.76	£ 76.35	£ 28.00	£ -	£ 1,350.00	£ 104.53	£ 77.77	£ 182.30	7.41
Wing	£ 653.62	£ -	£ -	£ 653.62	£ 195.08	£ -	£ -	£ 195.08	£ 226.00	£ 195.08	£ 4,590.00	£ 458.54	£ 182.71	£ 641.25	7.16
	£ 65,054.00	£ 55,852.08	£ 6,782.62	£ 127,688.70	£ 29,928.91	£ 27,063.03	£ 6,782.63	£ 63,774.57	£ 13,639.00	£ 29,766.58	£ 771,430.00	£ 63,914.14	£ 33,214.44	£ 97,128.57	7.94
									Additional Parish Contribution	£ 16,127.58		Plus Additional Parish Payments		£ 113,256.15	6.81

Appendix C

Parish	Annual Contribution Received from Parishes	Street Lighting Gross Parish Expenditure								Energy Price/unit	Current calculated Parish energy costs £0.12	Proposed Parish Contribution after LED conversions £0.107669
		2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14				
Ashwell	193.00	514.80	914.55	727.32	826.08	771.80	774.68	772.29			419.69	376.56
Barleythorpe	88.00	209.83	215.64	249.84	215.64	217.29	217.27	217.49			21.02	18.86
Barrow	43.00	182.85	155.88	104.17	84.00	84.00	84.00	84.00			73.58	66.02
Barrowden	300.00	1,190.00	1,310.00	1,440.00	1,580.00	1,660.00	1,830.00	2,010.00			716.82	643.16
Belton	223.00	772.41	719.84	762.31	719.83	837.58	752.91	756.05			246.41	221.09
Bisbrooke	223.00	294	584	188	108	108	108	108			127.58	114.47
Braunston	254.00	542.67	489.87	360.45	288.36	588.00	376.00	391.00			288.74	259.07
Caldecott	192.00	477.96	751.95	799.03	823.55	746.39	760.12	762.47			160.55	144.05
Edith Weston	902.00	-	-	-	-	-	3,016.22	800.14			427.05	383.17
Egleton	50.00	303.78	289.39	289.82	183.96	183.96	183.96	183.96			73.58	66.02
Empingham	640.00	1,987.30	2,316.00	1,346.52	874.76	2,611.82	1,147.00	1609.00			652.23	585.21
Essendine	151.00	401.74	619.27	535.92	650.54	600.20	602.34	600.52			430.53	386.29
Exton (inc. Barnsdale Top)	416.00	1,235.34	1,435.00	1,223.38	1,110.67	1,349.55	1,100.00	844.00			456.48	409.57
Glaston	125.00	290.00	320.00	350.00	390.00	410.00	450.00	500.00			64.51	57.88
Great Casterton	292.00	678.34	1,247.54	993.44	1,339.70	1,040.00	856.00	855.00			566.51	508.30
Greetham	373.00	1,346.59	1,594.92	1,626.70	1,712.25	1,615.49	1,621.00	1900.00			279.06	250.38
Ketton	1,266.00	5,222.98	3,634.73	4,219.00	4,539.00	5,053.00	5,913.00	6340.00			1,770.92	1588.94
Langham	807.00	2,021.89	3,345.79	2,417.00	2,629.00	1,713.62	2,503.00	4407.00			869.85	780.47
Little Casterton & Toll Bar	142.00	353.06	590.90	587.87	536.38	567.41	563.69	567.91			63.07	56.59
Lyddington	264.00	981.82	1,057.95	1,057.95	1,057.95	1,057.95	1,323.00	2097.29			304.83	273.51
Manton	244.00	671.00	1,108.00	901.00	1,309.00	955.00	934.00	1415.00			217.42	195.08
Market Overton	240.00	1,053.61	1,335.67	1,406.52	1,036.37	277.21	240.00	244.00			605.31	543.11
Morcott	263.00	395.06	662.36	759.09	712.15	660.07	696.90	695.89			178.70	160.34
North Luffenham	433.00	640.00	700.00	770.00	850.00	890.00	980.00	1080.00			803.53	720.96
Preston	146.00	341.61	742.73	383.00	246.48	246.48	246.48	246.48			140.97	126.48
Ridlington	130.00	285.04	529.24	482.90	524.64	532.27	497.52	496.87			159.44	143.06
Ryhall (inc Belmesthorpe)	1,243.00	2,554.00	3,305.00	4,017.00	3,165.00	3,282.00	3,003.00	6208.00			1,708.85	1533.25
Seaton	121.00	386.30	575.04	574.51	455.55	856.95	630.10	594.85			231.91	208.08
South Luffenham	121.00	667.20	1,716.45	1,629.62	1,402.20	1,539.00	1,537.45	1615.32			231.91	208.08
Stretton	347.00	141.83	181.92	226.38	181.92	183.35	183.22	183.40			465.72	417.86
Teigh	42.00	175.63	235.86	86.30	68.40	68.40	68.40	68.40			68.49	61.45
Thistleton	82.00	261.32	220.14	129.34	136.80	136.80	136.80	136.80			144.94	130.05
Tickencote	48.00	118.71	239.82	125.10	82.08	82.08	82.08	82.08			86.97	78.03
Tinwell	60.00	60.00	70.00	80.00	90.00	90.00	100.00	110.00			172.50	154.77
Uppingham	2,100.00	1,675.99	2,178.43	2,364.64	2,721.94	3,186.40	2,100.00	2000.00			3,742.98	3358.36
Whissendine	821.00	1,957.81	2,057.74	2,070.68	2,012.49	2,038.84	3,700.00	2726.00			1,459.12	1309.18
Whitwell	28.00	228.90	251.64	158.20	95.76	95.76	95.76	95.76			-	0.00
Wing	226.00	626.77	547.28	648.96	581.12	683.85	660.00	565.00			217.42	195.08
Total Parish Cost		31,247.72	38,250.67	36,092.18	35,341.57	37,020.52	40,073.90	44,369.97				
Total Parish Contribution	13,639.00	13,639	13,639	13,639	13,639	13,639	13,639	13,639				
Net RCC Contribution		17,608.72	24,611.67	22,453.18	21,702.57	23,381.52	26,434.90	30,730.97				

Parishes Making No Current Contribution

Burley on the Hill											63.08	56.60
Clipsham											-	-
Cottesmore											1,800.25	1,615.26
Gunthorpe											-	-
Hambleton											-	-
Lyndon											-	-
Normanton											-	-
Oakham											12,662.54	11,361.36
Pickworth											-	-
Pilton											-	-
Stoke Dry											-	-
Thorpe by Water											-	-
Tixover											-	-
Wardley											-	-
Total Energy Cost											33,175	29,766.05
Total Parish Contribution											13,639	29,766.05