



Rutland
County Council

LED Street Lighting Proposals

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Background

- The current cost to RCC of Parish street lighting (energy and maintenance) is approximately £44k and the total Parish contribution is around £13k leaving RCC with a net cost of £30k
- Most Parish Councils currently pay £1 per Council Tax payer towards the cost of energy for Parish lighting regardless of how many street lights they have.
- Minimal investment from Parishes in current stock towards energy efficient units or maintenance
- Current RCC energy costs of around £120k
- Cabinet tasked the Places Scrutiny Panel with setting up a Task and Finish Group to review the provision of street lighting and energy supply across the County.



Proposal (Subject to Cabinet Approval)

- *Lighting Review Recommendations - "Upgrade all suitable stock to LED units. Categorise all lighting as either highway or community lighting and recover energy costs for community lighting from town and parish councils/meetings. In future RCC will inspect and maintain all lighting stock throughout the County."*
- **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.
- **Community Lighting:**
- All other lighting on carriageways and footways



Proposals

- Subject to Cabinet and Parish agreement, upgrade almost 3500 existing units to TRT Aspect lighting units
- RCC will manage and maintain all County lighting stock
- Parishes will be charged a flat fee for energy used on Community Lighting (subject to inflation)





TRT Aspect Light Units

Aspect Units offer the following benefits and features

- 60% energy reduction (on average)
- 60% reduction in carbon production
- Part-night dimmable
- Colour rendering options
- 12 year manufacturer guarantee
- Variety of colour finishes (although these will be limited to reduce costs)
- <http://www.trtlighting.co.uk/road-lighting>





Benefits to Parishes & Town Councils

- Lower rates of energy costs compared to current Parish contracts (£0.107699/unit as opposed to approx. £0.12/unit)
- No future maintenance costs for lighting stock
- Reduced administration costs/time for lighting provision (one annual payment in arrears)
- Competitive and transparent costs for all aspects of lighting provision
- One stop for all enquiries & fault reporting
- No liability for future structural and electrical testing for lighting stock
- Reduced carbon emissions
- Modern, efficient, upgraded lighting stock at no expense to the Parish



Benefits to RCC & Public

- Around 3500 upgraded lighting units
- Annual energy saving of around 60% of current costs
- Reduced annual maintenance costs.
- 12 year manufacturer guarantee
- Single point of contact for all street lighting faults
- Uniform stock throughout the County





Parish	Current Total Energy Cost	Post LED Upgrade Energy Cost	Current Parish Contribution	Proposed Parish Contribution	Contribution Difference	Annual Energy Saving	Annual Maint Saving	Total Annual Saving	
Ashwell	£ 687.37	£ 192.08	£ 193.00	£ 192.08	-£ 0.92	£ 495.28	£ 477.99	£ 973.27	
Barleythorpe	£ 312.76	£ 226.09	£ 88.00	£ 16.01	-£ 71.99	£ 86.68	£ 72.66	£ 159.34	
Barrow	£ 119.18	£ 40.25	£ 43.00	£ 40.25	-£ 2.75	£ 78.93	£ 108.87	£ 187.80	
Barrowden	£ 1,477.63	£ 356.33	£ 300.00	£ 356.33	£ 56.33	£ 1,121.30	£ 644.68	£ 1,765.98	
Belton	£ 752.53	£ 306.26	£ 223.00	£ 138.54	-£ 84.46	£ 446.28	£ 182.71	£ 628.99	
Bisbrooke	£ 231.51	£ 63.24	£ 223.00	£ 63.24	-£ 159.76	£ 168.26	£ 155.77	£ 324.03	
Braunston in Rutland	£ 664.99	£ 254.80	£ 254.00	£ 222.42	-£ 31.58	£ 410.19	£ 316.41	£ 726.60	
Burley	£ 1,604.98	£ 655.63	£ -	£ 48.02	£ 48.02	£ 949.34	£ 260.48	£ 1,209.82	
Caldecott	£ 797.06	£ 213.73	£ 192.00	£ 97.28	-£ 94.72	£ 583.32	£ 265.82	£ 849.14	
Cottesmore	£ 3,688.16	£ 1,313.20	£ -	£ 855.29	£ 855.29	£ 2,374.96	£ 1,138.22	£ 3,513.18	
Edith Weston	£ 1,278.92	£ 480.61	£ 902.00	£ 254.09	-£ 647.91	£ 798.31	£ 467.78	£ 1,266.09	
Egleton	£ 103.54	£ 40.25	£ 50.00	£ 40.25	-£ 9.75	£ 63.30	£ 73.13	£ 136.43	
Empingham	£ 2,037.15	£ 658.18	£ 640.00	£ 458.68	-£ 181.32	£ 1,378.97	£ 1,011.67	£ 2,390.64	
Essendine	£ 779.58	£ 299.83	£ 151.00	£ 201.00	£ 50.00	£ 479.75	£ 248.85	£ 728.60	
Exton (inc. Barnsdale Top)	£ 929.07	£ 363.48	£ 416.00	£ 294.59	-£ 121.41	£ 565.59	£ 479.17	£ 1,044.76	
Glaston	£ 400.67	£ 127.32	£ 125.00	£ 33.26	-£ 91.74	£ 273.35	£ 119.56	£ 392.91	
Great Casterton	£ 1,518.85	£ 527.27	£ 292.00	£ 296.81	£ 4.81	£ 991.58	£ 800.92	£ 1,792.50	
Greetham	£ 1,246.52	£ 493.88	£ 373.00	£ 180.46	-£ 192.54	£ 752.64	£ 449.01	£ 1,201.65	
Ketton	£ 5,369.55	£ 1,785.75	£ 1,266.00	£ 1,232.54	-£ 33.46	£ 3,583.80	£ 2,359.50	£ 5,943.30	
Langham	£ 3,120.37	£ 1,041.33	£ 807.00	£ 648.51	-£ 158.49	£ 2,079.03	£ 1,126.60	£ 3,205.63	
Little Casterton	£ 2,194.64	£ 695.94	£ 142.00	£ 152.07	£ 10.07	£ 1,498.70	£ 829.75	£ 2,328.45	
Lyddington	£ 785.60	£ 251.44	£ 264.00	£ 229.85	-£ 34.15	£ 534.16	£ 440.84	£ 975.00	
Manton	£ 1,337.91	£ 427.54	£ 244.00	£ 305.82	£ 61.82	£ 910.37	£ 291.59	£ 1,201.95	
Market Overton	£ 620.81	£ 601.96	£ 240.00	£ 591.16	£ 351.16	£ 18.85	£ 15.55	£ 34.40	
Morcott	£ 2,452.80	£ 916.31	£ 263.00	£ 136.06	-£ 126.94	£ 1,536.49	£ 405.33	£ 1,941.82	
North Luffenham	£ 2,021.87	£ 695.71	£ 433.00	£ 511.44	£ 78.44	£ 1,326.16	£ 1,001.93	£ 2,328.09	
Oakham	£ 67,201.44	£ 19,852.40	£ -	£ 6,486.33	£ 6,486.33	£ 47,349.04	£ 6,937.28	£ 54,286.32	
Preston	£ 585.40	£ 168.81	£ 146.00	£ 80.04	-£ 65.96	£ 416.59	£ 458.92	£ 875.51	
Ridlington	£ 452.63	£ 88.04	£ 130.00	£ 88.04	-£ 41.96	£ 364.59	£ 114.92	£ 479.51	
Ryhall	£ 5,856.89	£ 1,903.60	£ 1,243.00	£ 980.05	-£ 262.95	£ 3,953.30	£ 2,364.19	£ 6,317.49	
Ryhall (Belmesthorpe)	£ 248.88	£ 75.53	£ -	£ 75.53	£ 75.53	£ 173.35	£ -	£ 173.35	
Seaton	£ 617.23	£ 120.05	£ 121.00	£ 120.05	-£ 0.95	£ 497.17	£ 167.16	£ 664.33	
South Luffenham	£ 2,914.43	£ 1,116.28	£ 121.00	£ 287.34	£ 166.34	£ 1,798.15	£ 852.92	£ 2,651.08	
Stretton	£ 3,643.01	£ 1,407.36	£ 347.00	£ 289.37	-£ 57.63	£ 2,235.65	£ 847.82	£ 3,083.47	
Teigh	£ 153.92	£ 31.00	£ 42.00	£ 31.00	-£ 11.00	£ 122.92	£ 101.27	£ 224.19	
Thistleton	£ 422.28	£ 90.83	£ 82.00	£ 80.04	-£ 1.96	£ 331.45	£ 104.48	£ 435.92	
Tickencote	£ 220.98	£ 43.51	£ 48.00	£ 43.51	-£ 4.49	£ 177.47	£ 62.69	£ 240.15	
Tinwell	£ 2,242.68	£ 680.90	£ 60.00	£ 104.05	£ 44.05	£ 1,561.78	£ 479.88	£ 2,041.66	
Tixover	£ 49.14	£ 49.14	£ -	£ -	£ -	£ -	£ -	£ -	
Uppingham	£ 20,931.86	£ 6,825.50	£ 2,100.00	£ 2,209.79	£ 109.79	£ 14,106.36	£ 5,023.44	£ 19,129.80	
Wardley	£ 35.89	£ 35.89	£ -	£ -	£ -	£ -	£ -	£ -	
Whissendine	£ 3,557.27	£ 911.01	£ 821.00	£ 871.50	£ 50.50	£ 2,646.26	£ 1,641.98	£ 4,288.23	
Whitwell	£ 180.88	£ 67.78	£ 28.00	£ -	-£ 28.00	£ 113.10	£ 77.77	£ 190.87	
Wing	£ 653.62	£ 163.24	£ 226.00	£ 163.24	-£ 62.76	£ 490.38	£ 182.71	£ 673.10	
Total	£ 146,502.46	£ 46,659.28	£ 13,639.00	£ 19,505.91	£ 5,866.91	£ 99,843.18	£ 33,162.20	£ 133,005.38	
Additional Parish Contribution				£ 5,866.91	Plus Additional Parish Payments				£ 138,872.30

Note: Proposed Parish Contribution is for Community Lighting Only

Parishes not listed have no current street lighting provision

Ryhall (Belmesthorpe) identified to differentiate between locations, although both included in Ryhall Parish

No contribution currently



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Questions?





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HIGHWAY INSPECTIONS

- PARISH INVITES TO INSPECTIONS
- Summarise your top 5 maintenance concerns and they can be discussed during planned inspections
- Such as potholes, loose kerbs, poor footway condition, faded signs, overgrown vegetation
- Does not cover issues such as speeding, safe routes to school, new crossing provision etc
- Any highway issues contact: highways@rutland.gov.uk
- Daily Whereabouts to Parish contacts via email?