

**Executive Summary -
Flintshire County Council Street Lighting Energy Saving
and Lantern Replacement Scheme**

Total Lanterns to Change	6,509
Total Estimated Cost of Lanterns	£1,496,005
Total Estimated Savings 11 Years @ 8% Energy Increase (2018)	£1,777,758
Total Estimated kwhr savings per year	880,326

Repayment Terms Over a 10 Year Period		
Increase in energy charges - Based on £12.13 per kwhr Starting Rate		Repayments
Year 1	£106,801	0
Year 2	£115,345	0
Year 3	£124,573	0
Year 4	£134,539	187,001
Year 5	£145,302	187,001
Year 6	£156,926	187,001
Year 7	£169,480	187,001
Year 8	£183,038	187,001
Year 9	£197,682	187,001
Year 10	£213,496	187,001
Year 11	£230,576	187,001

Total saving £ £1,777,758

Amount Required to Repay

£1,496,005

Benefit £ -£281,753