

Derby Public Schools - Bradley and Irving Schools
Projected Energy Efficient Lighting
10 Year Project Cash Flow

YEAR	1	2	3	4	5	6	7	8	9	10	TOTAL
SAVINGS											
Energy Savings	\$ 47,177	\$ 48,356	\$ 49,565	\$ 50,804	\$ 52,074	\$ 53,376	\$ 54,710	\$ 56,078	\$ 57,480	\$ 58,917	\$ 528,537
Operational Savings(1)	\$ 4,216	\$ 4,216	\$ 4,216	\$ 4,216	\$ 4,216						\$ 21,080
Annual Savings	\$ 51,393	\$ 52,572	\$ 53,781	\$ 55,020	\$ 56,290	\$ 53,376	\$ 54,710	\$ 56,078	\$ 57,480	\$ 58,917	\$ 549,617
COSTS											
Annual 0% Loan Costs	\$ 48,459.64	\$48,460	\$48,460	\$48,460							\$ 193,839
Annual Gross Costs	\$ 48,460	\$ 48,460	\$ 48,460	\$ 48,460							\$ 193,839
CASH FLOW											
Annual Net Cash Flow	\$ 2,933	\$ 4,112	\$ 5,321	\$ 6,560	\$ 56,290	\$ 53,376	\$ 54,710	\$ 56,078	\$ 57,480	\$ 58,917	
<i>Cumulative Net Cash Flow</i>	<i>\$ 2,933</i>	<i>\$ 7,045</i>	<i>\$ 12,367</i>	<i>\$ 18,927</i>	<i>\$ 75,217</i>	<i>\$ 128,593</i>	<i>\$ 183,303</i>	<i>\$ 239,382</i>	<i>\$ 296,862</i>	<i>\$ 355,779</i>	<i>\$ 355,779</i>

(1) Operational Savings represents avoided incurred maintenance labor and material charges for

1,054

fixtures

Financial Summary	
Projected Total Project Cost	\$ 248,927
Est. Utility Incentive*	\$ 55,088
Net Cost	\$ 193,839
	\$ -
D.P.S 0% Project Loan Balance	\$ 193,839
Annual Interest Rate	0.0%
Finance Period	48
Payments per Year	12
Est. Monthly Payment	\$ 4,038.30
Simple Payback	4.1
Energy Esc.	2.5%
O&M Esc.	2.0%
1st yr Energy Savings	\$47,176.59
Estimated 10 year Net Cash Flow	\$355,778.80
<i>*Estimated based on current Utility incentive levels</i>	
<i>All Project costs, offers of incentive and financing are subject to United Illuminating approval.</i>	