

Xcel Energy Analysis Report

City of Grand Junction - Recycle Center



Exhibit 8: Lighting Details

Existing Fixture Type	Existing Fixture Wattage (Watts)	Fixture Quantity	Proposed Fixture Type	Proposed Fixture Wattage (Watts)	Annual Op. Hours	kWh Savings	Peak kW Savings	Estimated Energy Cost Savings (\$/yr)	Estimated Incentive (\$)	Estimated Project Cost (\$)	Effective Useful Life (yrs)	Simple Payback (yrs)	
100W HID Exterior Wallpack Building G	125	6	DLC Qualified LED Wall Pack Fixture	25	4,380	2,628	0.0	99	90	990	20	9.1	
2-lamp 32W T8 2'x2' Troffer Office Trailer	59	7	DLC Qualified LED Replacement Lamp (UL Type B)	30	2,340	483	0.1	275	56	336	10	1.0	
2-lamp 100W Incandescent Flood Light Office Trailer	200	2	ENERGY STAR Qualified LED Screw-In Lamp	60	4,380	1,226	0.0	46	0	44	10	1.0	
2-lamp 28W CFL Flood Light Office Trailer	74	2	ENERGY STAR Qualified LED Screw-In Lamp	37	4,380	324	0.0	12	0	44	10	3.6	
Total		17					4,662	0.1	432	146	1,414	16	2.9