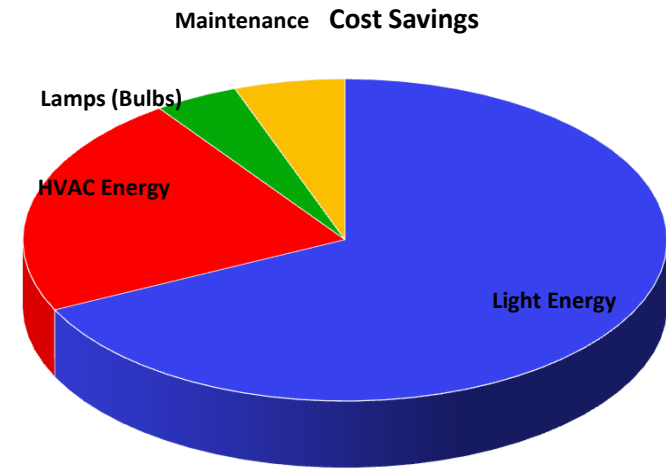


Savinon Power Building

COMPARATIVE ANALYSIS	Current	Proposed
Supplier	GE	Various
Product Quantity	1,073 lamps	1,073 lamps
ENERGY COST		
Watts Per Lamp (Avg)	136.2 W	28.7 W
Total kW	146 kW	31 kW
Hours in Application (Avg)	17.8 hours per day	
Annual Light Energy Consumption	1,086,415 kWh	183,434 kWh
Average Cost per kWh	\$.1100 per kWh	
Annual Energy Cost Change	3.00%	
Annual Light Energy Cost (Year 1)	\$119,506	\$20,178
Ratio of Light to HVAC Energy Savings	33%	
PRODUCT & MAINTENANCE COST		
Average Product Cost (i.e. Lamps)	\$15.10 \$16,205 total	\$302.59 \$324,675 total
Average Fixture Costs	\$0 total	
Average Maintenance Cost (i.e. Installation)	\$19.87 \$21,325 total	\$54.38 \$58,350 total
USEFUL LIFE		
Useful Life in Application	15,620 Hours 2.40 Years	50,000 Hours 7.67 Years
# of times replaced	Replaced 3.2x	

ENVIRONMENTAL ANALYSIS	1st Year	Useful Life
Light Energy Consumption Savings	902,981 kWh	6,930,128 kWh
Air Pollution & Environmental Damage Reduction		
Carbon Dioxide (Global Warming)	1,387,881 lbs	10,651,606 lbs
Sulfur Dioxide (Acid Rain)	8,831 lbs	67,777 lbs
Nitrogen Oxides (Acid Rain & Smog)	2,330 lbs	17,880 lbs
Environmental Benefit Equivalence		
Tree Plantings	189.3 acres	1,452.6 acres
Gasoline	71,703 gallons	550,300 gallons
Vehicles	120.1 vehicles	120.1 vehicles



COST SAVINGS ANALYSIS	1st Year	Useful Life
Light Energy Savings	\$99,328	\$832,358
HVAC Energy Savings	\$32,778	\$274,678
Product Savings (Lamps)	\$6,759	\$51,873
Maintenance Savings (Installation)	\$8,895	\$68,263
TOTAL SAVINGS (Energy, Product & Maint)	\$147,760	\$1,227,172

INVESTMENT ANALYSIS	Payback	IRR
Investment = \$383,025		
Light Energy Savings	3.86 Years	28.5%
Light & HVAC Energy Savings	2.90 Years	37.0%
TOTAL SAVINGS (Energy, Product & Maint)	2.59 Years	38.2%