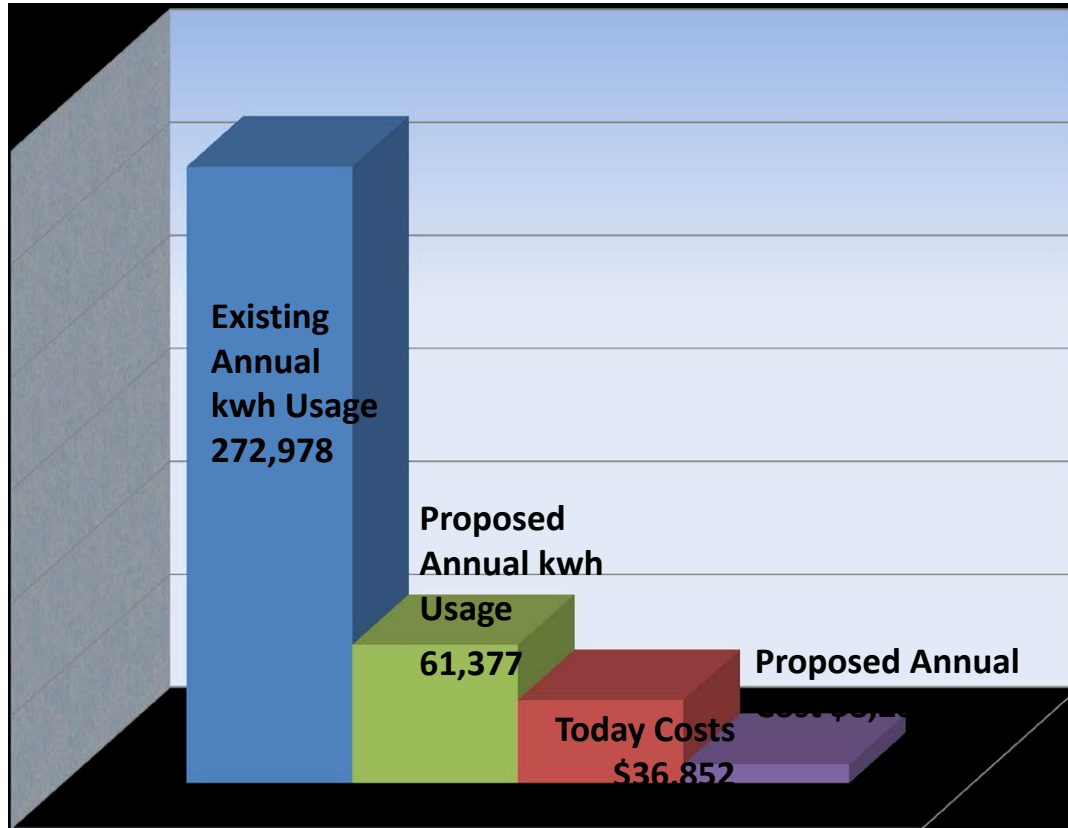


LED Lighting Retrofit for Studios

- Green Initiative
- Save on maintenance Costs
 - LED technology is rated for 10X longer than incandescent lighting
- Save on Energy Costs
- LED's produce much less heat than incandescent lights – cooler working environment
- Smart fixtures take advantage of natural light and occupancy within a space and adjust accordingly
- New Wireless technology allows for fixtures be configured and controlled via PC or remote devices
- Allows for flexible lighting changes with area re-configurations

LED Lighting Retrofit for Studios



LED Lighting Retrofit for Studios



LED Lighting Retrofit for Studios

Before Retrofit	After Retrofit
Load: 67,725 KWh	Load: 15,820 KWh
Annual KW 65.73	Annual KW: 15.82
Annual Lighting Cost: \$36,852	Annual Lighting Cost: \$8,286
(assuming energy cost \$0.135)	
	Reduction/Year: 49.91 KW
	Reduction/Year: 211,601 KWh

LED Lighting Retrofit for Studios

Category	After Retrofit
Maintenance Savings/Year	\$3,850
Electrical Savings/Year	\$28,566
Project Cost	\$186,153
Utility Incentive	\$74,060
Cost After Incentive	\$112,092
Estimated ROI	29%
Monthly Energy Savings	\$2,381

Conclusions

- LED Lighting retrofit makes sense for most installations
- Payback in 3 years or less
- Financing arrangements can allow for positive cash flow
- Substantial incentives from utilities
- Save on maintenance costs
- Save on energy costs
- Ability to re configure lighting for different office layouts as your needs change and people move
- Centralized lighting control possible