SGEF Application Review Portal: Greetings, Zaida Darley!

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Retrofit of Central Utilities Plant Main Lighting ($60,000.00)

Project Details »

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	translates to 182,271 lbs of eCO2 emissions reduced per year.
Sustainability Plan 11 words	This lighting will be maintained by the Central Utilities Plant personnel.

Return On Investment Details

Energy	139564 kWh
CO_2 Emissions	246590.04904 pounds CO_2 per kWh
Cost Savings	$15352.04
Return On Investment	25.00%

Reviewer Comments (Add Yours)

On 2011-10-25 20:33:20, **Christian Wells** said:

The energy savings for a project such as this are relatively easy to calculate, so are very likely to be pretty accurate. The ROI is a function of cost, but if the stated ROI is per year, then even a significant underestimation of cost will not result in a long payback period. The process to achieve the stated savings is straightforward and technically reasonable.

On 2011-10-21 22:46:26, **Delcie Durham** said:

Return on investment is estimated at $15k which is a good payback over 4 years on the retrofit. It would have been good to include what, if any, the expected maintenance costs would be - i.e if induction lighting has a life that it is much longer than current lighting, then there is even more savings than the direct electrical use and this would improve the ROI. I highly recommend this project as having a significant impact on energy use and gashouse emissions.

On 2011-10-20 14:00:49, **Margaret Rush** said:

It would be good to clearly define the ROI, that figure seems to be missing along with the requested funding.

On 2011-10-20 13:56:50, **Margaret Rush** said: