

Project Title: Lighting Upgrade Analysis

Project ID: 30206

Project Manger: T.M.

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Sheet: 1 of 1

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## SIMPLE PAYBACK

**Project Description**

Lighting fixture replacements - CFL with LED. Total cost \$1,000, annual energy savings of \$200.

Investment		
1	Design Cost:	\$10,000.00 JJ Design, LLC
2	Construction Cost:	\$10,000.00 ABC Builder, Corp.
3	Permits Cost:	\$1,000.00 NYC DOB
4		
5	Incentives & Rebates:	-\$2,000.00 NYC Energy Program
6		
7		
8		
9		
10		
<b>Total Investment =</b>		<b>\$19,000.00</b>

Annual Cost Savings or Revenue		
1	Electric Savings:	\$2,000.00 Annual Savings
2	Labor Savings:	\$200.00 Annual Savings
3	Materials Savings:	\$300.00 new lamp last longer
4		
5		
6		
7		
8		
9		
10		
<b>Total Annual Savings =</b>		<b>\$2,500.00</b>

$$\text{Simple Payback Period} = \frac{\text{Total Investment}}{\text{Annual Cost Savings or Revenue}}$$

$$\text{Simple Payback Period} = \frac{\$19,000.00}{\$2,500.00}$$

**Simple Payback Period = 7.6 years**

**Notes:**

Lighting fixture replacements - CFL with LED. Total cost \$1,000, annual energy savings of \$200.