

Assumptions

Square Footage		20,000
Currency		USD
Sales Tax		7.00%
Company Tax Rate		29.60%
Electricity (kWH) Rate	\$	0.1200
Utility Incentive Available		No

Primary Fixture & Annual Energy Costs

Fixture	Fluorescent Troffer for Offices	
Wattage		141
Count		365
Annual Operating Hours		2,860
Annual kWH		146,981
Annual Energy Cost	\$	17,638

Proposed Net Zero Configuration & Annual Energy Costs

Fixture	NZ-8450	2' x 4' Flat Panel
Wattage		50
Count		365
Annual Operating Hours		2,860
Annual kWH		52,195
Annual Energy Cost		\$ 6,263

Net Savings for Primary Fixture

Annual Energy Savings	\$	11,374
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Executive Summary

Project: **Customer**

January 28, 2019



Your Lights Are Hurting Your Business

Executive Summary

Current Annual Energy Cost	\$	17,964
Net Zero USA Annual Energy Cost	\$	7,447
Annual Energy Cost Savings	\$	<b>10,518</b>
Current Annual Maintenance	\$	3,443
Net Zero USA Annual Maintenance	\$	-
Annual Maintenance Savings	\$	<b>3,443</b>
Project Cost	\$	1
	\$	-
Depreciation/Expensing Election	\$	82,994
Effective Cost	\$	<b>(82,993)</b>
<b>Cost of Waiting / Quarter</b>	<b>\$</b>	<b>3,490</b>
Simple Payback Years		9,630.00
Return on Investment		4700%
Net Present Value (10 Years)	\$	256,987

Payment Options

Option 1: Deferred Payment Plan

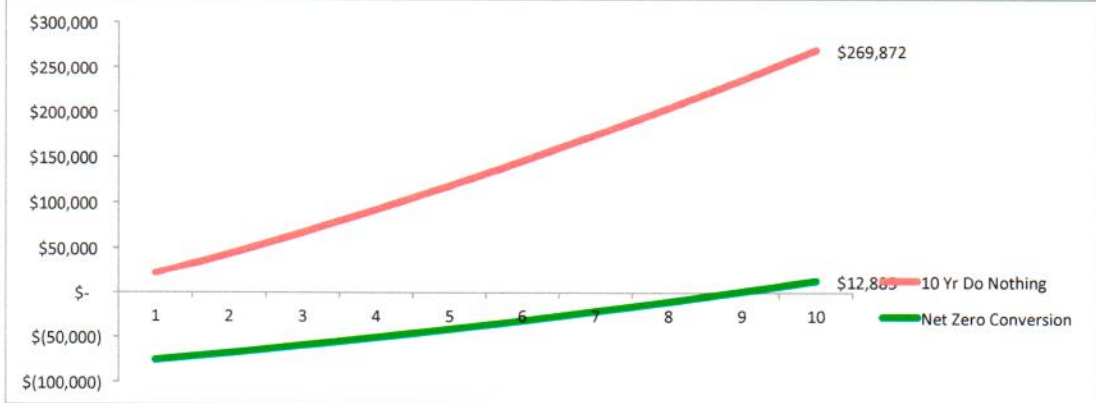
Project Cost	\$	1
Down Payment	\$	3,461
Terms (Months)		60
Monthly Payment	\$	1,730

First Year Cash Flow **#####**

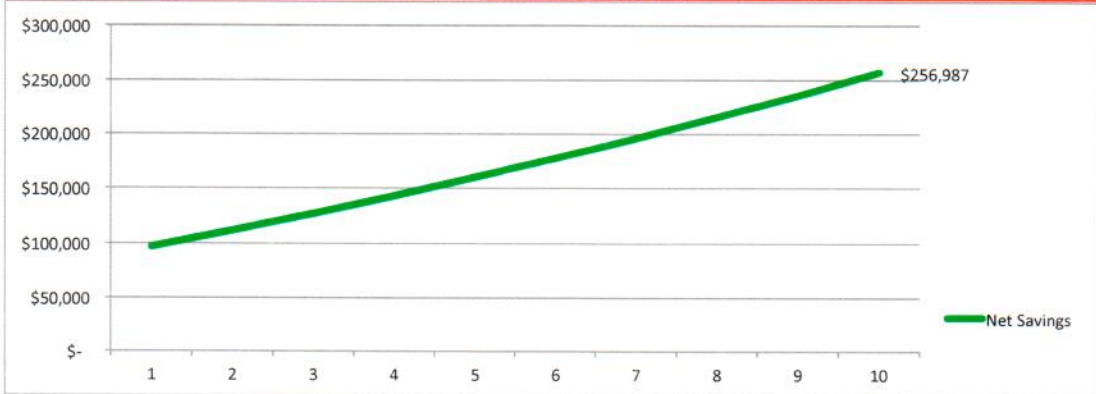
Option 2: Capital Expense

Project Cost	\$	1
Down Payment	\$	1
Payment Upon Completion	\$	1

10 Year Total Cost of Ownership (TCO)



10 Year Total Cost of Waiting to Install LED



Financial Summary

Project: **Customer**

January 28, 2019



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**Current Fixtures**

Year	Energy Cost		Maintenance Cost		TCO
	Annual	Cumulative	Annual	Cumulative	
1	\$ 17,964	\$ 17,964	\$ 3,443	\$ 3,443	\$ 21,407
2	\$ 18,953	\$ 36,917	\$ 3,529	\$ 6,972	\$ 43,889
3	\$ 19,995	\$ 56,912	\$ 3,617	\$ 10,589	\$ 67,501
4	\$ 21,095	\$ 78,007	\$ 3,708	\$ 14,297	\$ 92,304
5	\$ 22,255	\$ 100,261	\$ 3,800	\$ 18,098	\$ 118,359
6	\$ 23,479	\$ 123,740	\$ 3,895	\$ 21,993	\$ 145,733
7	\$ 24,770	\$ 148,510	\$ 3,993	\$ 25,986	\$ 174,496
8	\$ 26,133	\$ 174,643	\$ 4,093	\$ 30,078	\$ 204,721
9	\$ 27,570	\$ 202,213	\$ 4,195	\$ 34,273	\$ 236,486
10	\$ 29,086	\$ 231,299	\$ 4,300	\$ 38,573	\$ 269,872

**Net Zero Fixtures**

Year	Energy Cost		Maintenance Cost		TCO
	Annual	Cumulative	Annual	Cumulative	
1	\$ 7,447	\$ 7,448	\$ -	\$ -	\$ 7,448
2	\$ 7,856	\$ 15,304	\$ -	\$ -	\$ 15,304
3	\$ 8,288	\$ 23,592	\$ -	\$ -	\$ 23,592
4	\$ 8,744	\$ 32,337	\$ -	\$ -	\$ 32,337
5	\$ 9,225	\$ 41,562	\$ -	\$ -	\$ 41,562
6	\$ 9,732	\$ 51,294	\$ -	\$ -	\$ 51,294
7	\$ 10,268	\$ 61,562	\$ -	\$ -	\$ 61,562
8	\$ 10,832	\$ 72,394	\$ -	\$ -	\$ 72,394
9	\$ 11,428	\$ 83,822	\$ -	\$ -	\$ 83,822
10	\$ 12,057	\$ 95,879	\$ -	\$ -	\$ 95,879

**Project Economics**








Year	Energy Cost		Maintenance Cost		TCO
	Annual	Cumulative	Annual	Cumulative	
1	\$ 10,518	\$ 10,516	\$ 3,443	\$ 3,443	\$ 13,959
2	\$ 11,096	\$ 21,613	\$ 3,529	\$ 6,972	\$ 28,585
3	\$ 11,707	\$ 33,320	\$ 3,617	\$ 10,589	\$ 43,909
4	\$ 12,351	\$ 45,670	\$ 3,708	\$ 14,297	\$ 59,967
5	\$ 13,030	\$ 58,700	\$ 3,800	\$ 18,098	\$ 76,797
6	\$ 13,746	\$ 72,446	\$ 3,895	\$ 21,993	\$ 94,439
7	\$ 14,503	\$ 86,949	\$ 3,993	\$ 25,986	\$ 112,935
8	\$ 15,300	\$ 102,249	\$ 4,093	\$ 30,078	\$ 132,327
9	\$ 16,142	\$ 118,391	\$ 4,195	\$ 34,273	\$ 152,664
10	\$ 17,029	\$ 135,420	\$ 4,300	\$ 38,573	\$ 173,993
				Depreciation	\$ 82,994
				Net	\$ 256,987

Greenhouse Gas / Products to be Used  
 Project: **Customer**  
 January 28, 2019



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**Greenhouse Gas Saved Converting to LED**

		<b>Per Year</b>	<b>2018 NetZero</b>
kWH Reduction		87,649	3,037,810
Metrick Tons of CO2 Equilavent		60.4	20,950
Passenger Cars		12	410
Gallons of Gasoline Consumed		6,794	235,489
Tree Seedlings Grown for 10 Years		1,551	53,767
Acres of Pine or Fir Forest		13	446
Tons of Waste Vs Sending to Landfill		21	729

**Products To Be Used**

**Quantity**

2' x 4' Flat Panel

365

**Total Fixtures**

**365**

HVAC Incremental Savings

Project: **Customer**

January 28, 2019



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**Annual Reduction in HVAC Cost**

Year	Cost / kWh	HVAC kWh	Annual Savings
1	\$ 0.120	10,467	\$ 3,606
2	\$ 0.127	10,467	\$ 3,804
3	\$ 0.134	10,467	\$ 4,013
4	\$ 0.141	10,467	\$ 4,234
5	\$ 0.149	10,467	\$ 4,467
6	\$ 0.157	10,467	\$ 4,713
7	\$ 0.165	10,467	\$ 4,972
8	\$ 0.175	10,467	\$ 5,245
9	\$ 0.184	10,467	\$ 5,534
10	\$ 0.194	10,467	\$ 5,838

**Total 10 Year Incremental HVAC Savings \$ 46,427**

**Accumulative 10 Year Payback**

10 Year HVAC Energy	\$ 46,427
10 Year Energy	\$ 135,421
10 Year Maintenance	\$ 38,573
Project Costs	\$ 1
Depreciation/Rebate	\$ 82,994
<b>10 Year Positive Cash Flow</b>	<b>\$ 303,414</b>