

Project Title: Lighting Upgrade Analysis

Project ID: 30206

Project Manger: T.M.

Prepared By: W.T

Sheet: 1 of 1

Checked By: D.W.

Date: 1/25/16

PAYBACK CALCULATION (TWO OPTIONS)

Notes:

Evaluation of two options at the end of 15 years.

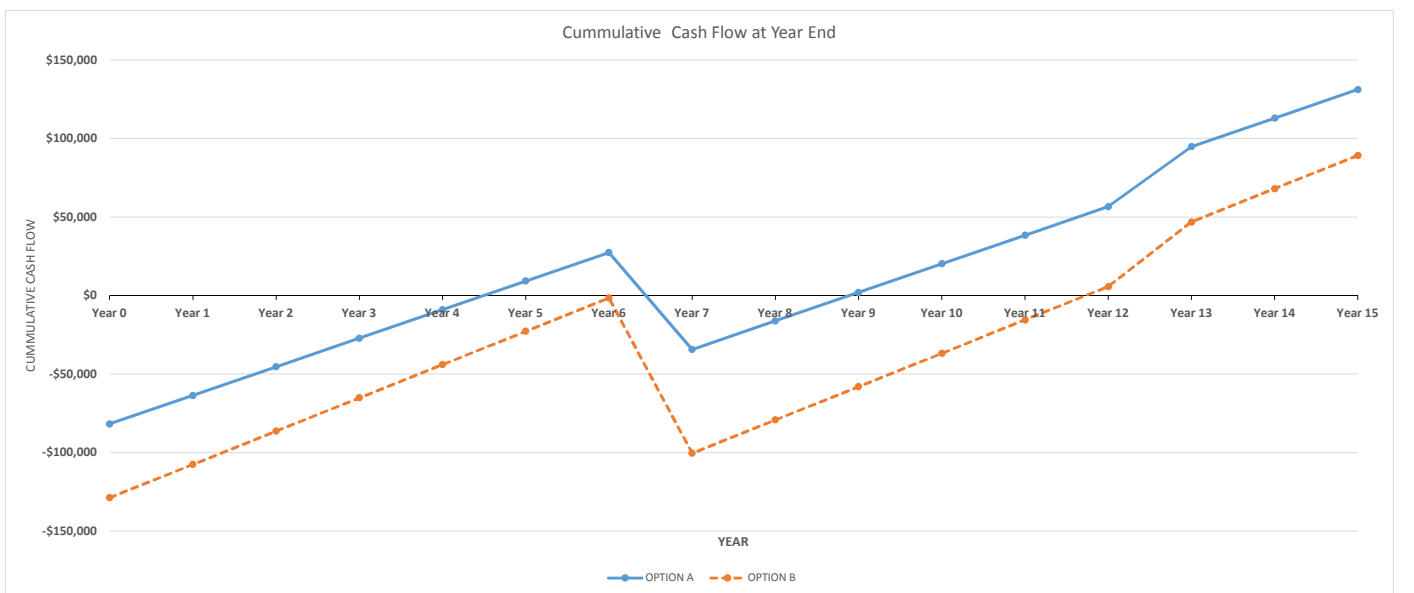
Year 0: **2015**

OPTION A: Option A from Company ABC

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
	Year 0	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15
Initial Cost	-\$100,000															
Energy Savings	\$19,000	\$19,000	\$19,000	\$19,000	\$19,000	\$19,000	\$19,000	\$19,000	\$19,000	\$19,000	\$19,000	\$19,000	\$19,000	\$19,000	\$19,000	\$19,000
O&M Costs	-\$800	-\$800	-\$800	-\$800	-\$800	-\$800	-\$800	-\$800	-\$800	-\$800	-\$800	-\$800	-\$800	-\$800	-\$800	-\$800
Salvage Value								\$20,000						\$20,000		
Replacement Cost								-\$100,000								
Repair Cost																
Total	-\$81,800	\$18,200	\$18,200	\$18,200	\$18,200	\$18,200	\$18,200	-\$61,800	\$18,200	\$18,200	\$18,200	\$18,200	\$18,200	\$38,200	\$18,200	\$18,200
Cumulative	-\$81,800	-\$63,600	-\$45,400	-\$27,200	-\$9,000	\$9,200	\$27,400	-\$34,400	-\$16,200	\$2,000	\$20,200	\$38,400	\$56,600	\$94,800	\$113,000	\$131,200

OPTION B: Option B from Company XYZ

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
	Year 0	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15
Initial Cost	-\$150,000															
Energy Savings	\$22,000	\$22,000	\$22,000	\$22,000	\$22,000	\$22,000	\$22,000	\$22,000	\$22,000	\$22,000	\$22,000	\$22,000	\$22,000	\$22,000	\$22,000	\$22,000
O&M Costs	-\$800	-\$800	-\$800	-\$800	-\$800	-\$800	-\$800	-\$800	-\$800	-\$800	-\$800	-\$800	-\$800	-\$800	-\$800	-\$800
Salvage Value								\$20,000						\$20,000		
Replacement Cost								-\$140,000								
Repair Cost																
Total	-\$128,800	\$21,200	\$21,200	\$21,200	\$21,200	\$21,200	\$21,200	-\$98,800	\$21,200	\$21,200	\$21,200	\$21,200	\$21,200	\$41,200	\$21,200	\$21,200
Cumulative	-\$128,800	-\$107,600	-\$86,400	-\$65,200	-\$44,000	-\$22,800	-\$1,600	-\$100,400	-\$79,200	-\$58,000	-\$36,800	-\$15,600	\$5,600	\$46,800	\$68,000	\$89,200



REMARKS:

Your Notes Here.