

FINANCIAL COST BENEFIT ANALYSIS (1 to 10 years, 2 Options)

Project: Sample Project
Notes: Preliminary Analysis

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Option 1: Conservative Model

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total
OPTION 1	Year 0	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	
1 Construction Cost	-\$100,000											-\$100,000
2 Rebates		\$20,000										\$20,000
3												\$0
4 O&M Cost		-\$10,000	-\$10,000	-\$10,000	-\$10,000	-\$10,000	-\$10,000	-\$10,000	-\$10,000	-\$10,000	-\$10,000	-\$100,000
5												\$0
6 Annual Electric Savings		\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$150,000
7 Annual Material Savings		\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$50,000
8												\$0
9												\$0
10												\$0
Total =	-\$100,000	\$30,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$20,000
Cumulative =	-\$100,000	-\$70,000	-\$60,000	-\$50,000	-\$40,000	-\$30,000	-\$20,000	-\$10,000	\$0	\$10,000	\$20,000	

NOTES: 2) Utility Rebates
7) Less replacement needed

Option 2: Market Potential

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total
OPTION 2	Year 0	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	
1 Construction Cost	-\$150,000											-\$150,000
2 Rebates		\$35,000										\$35,000
3												\$0
4 O&M Cost		-\$9,500	-\$9,500	-\$9,500	-\$9,500	-\$9,500	-\$9,500	-\$9,500	-\$9,500	-\$9,500	-\$9,500	-\$95,000
5												\$0
6 Annual Electric Savings		\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$200,000
7 Annual Material Savings		\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$40,000
8												\$0
9												\$0
10												\$0
Total =	-\$150,000	\$49,500	\$14,500	\$14,500	\$14,500	\$14,500	\$14,500	\$14,500	\$14,500	\$14,500	\$14,500	\$30,000
Cumulative =	-\$150,000	-\$100,500	-\$86,000	-\$71,500	-\$57,000	-\$42,500	-\$28,000	-\$13,500	\$1,000	\$15,500	\$30,000	

NOTES: 2) Utility Rebates
7) Less replacement needed

