

Improvement Packages

Evaluated Packages

	Annual Savings		% Savings	Payback Years	Cashflow \$/Year	SIR	
	Cost	MBTU					\$
Improvement Package 1	\$36,280	196.3	\$5,309	71 %	6.8	\$2,114	2.82

Package Descriptions

Improvement Package 1

	Cost	Annual Savings MBTU	Annual Savings \$	Payback Years	Cashflow \$/Year	Imp. Life Years	SIR in Package
Total Window Replacement	\$11,250	14.1	\$385	29.2	(\$606)	20	0.51
Total Heated Area Infiltration Reduction	\$1,000	69.6	\$1,897	0.5	\$1,809	20	28.45
Top Flats Cellulose Insulation	\$2,253	31.0	\$844	2.7	\$646	40	8.78
Sloped Ceiling Insulation	\$575	17.2	\$470	1.2	\$420	40	19.17
DER Wall Insulation	\$16,570	43.4	\$1,184	14.0	(\$275)	40	1.68
Add HRV	\$1,500	0.0	\$0	N/A	(\$132)	20	N/C
Basement/Crawl Space Wall Insulation	\$1,586	7.8	\$213	7.4	\$73	40	3.15
Rim Joist Insulation	\$286	5.1	\$138	2.1	\$113	40	11.34
Kitchen Crawl Space Ground Insulation	\$260	1.0	\$27	9.7	\$4	40	2.41
Electric Water Heater	\$1,000	7.1	\$150	6.7	\$62	15	1.81
Total for Package	\$36,280	196.3	\$5,309	6.8	\$2,114	N/A	2.82

Non-Energy Benefits:

1. Total Window Replacement: Improve comfort (reduce drafts), increase value of building.
2. Total Heated Area Infiltration Reduction: Reduce drafts.
3. Top Flats Cellulose Insulation: Improve comfort, increase value of building.
4. Sloped Ceiling Insulation: Improve comfort, increase value of building.
5. DER Wall Insulation: Improve comfort, increase value of building.
6. Add HRV: Improve indoor air quality, increase value of building.
7. Basement/Crawl Space Wall Insulation: Improve comfort, increase value of building.
8. Rim Joist Insulation: Improve comfort, increase value of building.
9. Kitchen Crawl Space Ground Insulation: Improve comfort, increase value of building.
10. Electric Water Heater: Increase value of building.