

ENERGY STAR® Advanced Lighting Package (ALP) Energy Bill Savings Chart

This table illustrates the potential annual energy bill and bulb replacement savings that could be realized by using fixtures that earned the ENERGY STAR in your home. ENERGY STAR qualified lighting provides bright, warm light similar to incandescent while requiring less energy, generating less heat, and use bulbs lasting up to 10 times longer.

Electricity price per kilowatt- hour	Fixture quantity	Total annual electricity and bulb replacement savings	Increase to home sales price	Total annual mortgage increase	Net annual electricity and bulb replacement savings	Net savings over bulb life (approximately 9 years)
	40	\$485	\$500	\$37	\$448	\$3,591
	36	\$436	\$450	\$33	\$403	\$3,232
Ī	32	\$388	\$400	\$30	\$358	\$2,872
	28	\$339	\$350	\$26	\$314	\$2,513
\$0.12	24	\$291	\$300	\$22	\$269	\$2,154
	20	\$242	\$250	\$18	\$224	\$1,795
Ī	16	\$194	\$200	\$15	\$179	\$1,436
	12	\$145	\$150	\$11	\$134	\$1,077
	8	\$97	\$100	\$7	\$90	\$718



The ALP Defined:

- + A comprehensive set of ENERGY STAR qualified light fixtures and ceiling fans.
- + Must consist of a minimum of 60% ENERGY STAR qualified hard-wired fixtures—indoor and/or outdoor.
- + All ceiling fans must be ENERGY STAR qualified.





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	40	\$413	\$500	\$37	\$376	\$2,935
	36	\$372	\$450	\$33	\$338	\$2,641
	32	\$330	\$400	\$30	\$301	\$2,348
	28	\$289	\$350	\$26	\$263	\$2,054
\$0.10	24	\$248	\$300	\$22	\$226	\$1,761
	20	\$207	\$250	\$18	\$188	\$1,467
	16	\$165	\$200	\$15	\$150	\$1,174
	12	\$124	\$150	\$11	\$113	\$880
	8	\$83	\$100	\$7	\$75	\$587



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	40	\$341	\$500	\$37	\$304	\$2,279
	36	\$307	\$450	\$33	\$274	\$2,051
Ī	32	\$273	\$400	\$30	\$243	\$1,823
	28	\$239	\$350	\$26	\$213	\$1,595
\$0.08	24	\$205	\$300	\$22	\$183	\$1,367
	20	\$171	\$250	\$18	\$152	\$1,139
	16	\$136	\$200	\$15	\$122	\$911
	12	\$102	\$150	\$11	\$91	\$684
	8	\$68	\$100	\$7	\$61	\$456



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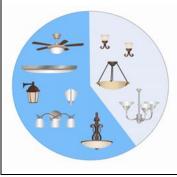




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	40	\$305	\$500	\$37	\$268	\$1,951
	36	\$275	\$450	\$33	\$242	\$1,756
Ī	32	\$244	\$400	\$30	\$215	\$1,560
	28	\$214	\$350	\$26	\$188	\$1,365
\$0.07	24	\$183	\$300	\$22	\$161	\$1,170
	20	\$153	\$250	\$18	\$134	\$975
Ī	16	\$122	\$200	\$15	\$107	\$780
	12	\$92	\$150	\$11	\$81	\$585
	8	\$61	\$100	\$7	\$54	\$390



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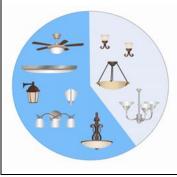




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	40	\$269	\$500	\$37	\$232	\$1,623
	36	\$242	\$450	\$33	\$209	\$1,460
Ī	32	\$215	\$400	\$30	\$186	\$1,298
	28	\$189	\$350	\$26	\$163	\$1,136
\$0.06	24	\$162	\$300	\$22	\$139	\$974
	20	\$135	\$250	\$18	\$116	\$811
	16	\$108	\$200	\$15	\$93	\$649
	12	\$81	\$150	\$11	\$70	\$487
	8	\$54	\$100	\$7	\$46	\$325



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General Assumptions	
estimate	Household fixture quantity.
6.25% Interest 30 Year	Mortgage impact based on. (Source: www.wellsfargo.com, 10.29.07, base loan \$225,000)
1095	Average annual hours of use (3 hours per day).
Base Line Assumptio	ns
68	Average bulb wattage.
1.64	Average # of sockets/fixture.
\$40	Average initial fixture cost.
\$0.75	Average annual bulb replacement cost.
1000	Average Rated Lamp Life.
ES Assumptions	
18	Average bulb wattage.
1.64	Average # of sockets/fixture.
\$53	Average initial fixture cost.
\$0	Average annual bulb replacement cost.
10,000	Average rated lamp life.