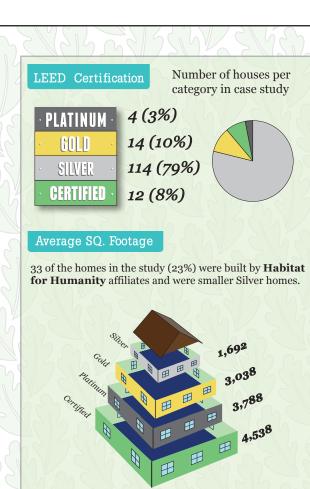


AES is the Midwest's premier LEED for Homes provider. **Contact:** Info@AllianceES.org **Web:** www.AllianceES.org



## Average Bedrooms

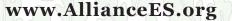
Each home's potential occupancy determined by number of bedrooms plus 1 (assuming two people in master bedroom).



ANNUAL SAV	INGS	· PLATINUM ·	COLD -	· SILVER ·	CERTIFIED
	Reduced %	41	46	29	29
Total Energy	Savings %	46	42	24	24
KWH	Reduced %	31	47	23	10
	Savings %	39	47	22	9
CCF	Reduced %	51	44	34	50
	Savings %	52	36	25	50
Emissions Reduced	CO2 (tons)	10	10	3.4	7
	Nitrogen Oxide (lbs)	42	80	20	31
	Sulfur Oxide (lbs)	28	62	10	20
S Monthly Utilities	Conventional \$	345	193	91	293
	LEED Home <b>\$</b>	189	107	70	198
	Monthly Savings	\$156	\$86	\$21	\$95
\$ Annual Utilities	Conventional <b>\$</b>	4,135	2,310	1,092	3,520
	LEED Home <b>\$</b>	2,266	1,284	836	2,381
	Annual Savings	\$1,869	\$1,026	\$256	\$1,139
Utility Costs over 30 yrs (assuming 3% annual inflation)	Conventional <b>\$</b>	196,725	109,900	51,952	167,465
	LEED Home \$	107,806	61,087	39,773	113,277
	30-year Savings	\$88,919	\$48,813	\$12,179	\$54,188

Based on this analysis and factoring in home size, aiming for a LEED Gold rating achieves the highest energy efficiency savings.

Additionally, LEED Homes at each level reduce total cost of ownership, saving tens of thousands of dollars through utility savings, during a typical 30-year mortgage period. Given the average \$2,500 certification cost for a single-family LEED home through AES, owners will typically have a payback period under 2.5 years.



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