

Level 2 Remodeling

Upgrade	Payback Time in Years	Added Costs	Annual Savings	10-Year Savings	1-Year ROI
Solar-powered path and garden lights	2.1	\$375	\$176	\$1,760	46.9%
ENERGY STAR windows	2.3	\$700	\$300	\$3,000	42.9%
ENERGY STAR skylights	2.3	\$70	\$30	\$300	42.9%
Formaldehyde-free, high R-value insulation in walls	2.5	\$750	\$300	\$3,000	40%
Formaldehyde-free, high R-value insulation in basement walls	2.5	\$750	\$300	\$3,000	40%
Duct insulation	2.5	\$450	\$180	\$1,800	40%
Solar attic fan	2.5	\$500	\$200	\$2,000	40%
CFLs	2.7	\$108	\$40	\$400	37%
No-VOC paints	2.8	\$70	\$25	\$250	35.7%
Low-flow faucets	3	\$300	\$100	\$1,000	33.3%
High performance water heater	3.1	\$150	\$48	\$480	32%
Air leakage sealing	3.1	\$554	\$180	\$1,800	32%
Water filters for whole house	3.2	\$1,000	\$312	\$3,120	31.2%
Whole-house fans	3.6	\$450	\$125	\$1,250	27.8%
On demand hot water heater	3.8	\$450	\$120	\$1,200	26.7%
High-efficiency furnace	3.8	\$1,145	\$300	\$3,000	26.2%
Shade trees	4	\$1,200	\$300	\$3,000	25%
ENERGY STAR clothes washer	4.3	\$300	\$72	\$720	24%
Recycled mulch	4.5	\$172	\$38	\$380	22.1%

Level 2 Remodeling

Upgrade	Payback Time in Years	Added Costs	Annual Savings	10-Year Savings	1-Year ROI
ENERGY STAR ceiling fans	5	\$300	\$60	\$600	20%
Attic and ceiling insulation	5	\$600	\$120	\$1,200	20%
ENERGY STAR refrigerator	5	\$30	\$6	\$60	20%
High-efficiency heat pump	5	\$1,000	\$200	\$2,000	20%
Small-scale greywater system	5	\$300	\$60	\$600	20%
Bamboo floors	5	\$525	\$105	\$1,050	20%
Window treatments, including shades and thermal curtains	5	\$300	\$60	\$600	20%
Recycled-fiber carpeting	5.6	\$280	\$50	\$500	17.9%
Rainwater collection system	6	\$120	\$20	\$200	16.7%
Composting	6.5	\$325	\$50	\$500	15.4%
FSC-certified decking	6.5	\$899	\$138	\$1,380	15.4%
Thru-wall room-to-room fans	6.6	\$66	\$10	\$100	15.2%
IAQ measures, including new HVAC filters	6.6	\$250	\$38	\$380	15.2%
Tubular skylights	6.7	\$300	\$45	\$450	15%

Total Savings and Average Payback/ROI

**Payback Time
in Years:**

**Added
Costs:**

**Annual
Savings:**

**10-Year
Savings:**

ROI:

4.2

\$14,789

\$4,108

\$41,080

27.2%