Checklists for Greening a Home

\$ = low-cost, low effort, DIY

\$\$ = medium-cost, professional installation recommended

\$\$\$ = high-cost, professional installation required

7	Building Envelope		Ø	Water Conservation	
	Weather stripping	\$		Laminar faucets	\$
	Caulk window trim	\$		Aerators on faucets	\$
	Repair glazing	\$		Wrap hot water heater, pipes	\$
	Putty around window panels	\$		Dual flush toilet controls	\$
	Remove shrubbery at foundation	\$		Fix leaky faucets	\$
	Seal foundation cracks	\$\$		Low-flow showerhead	\$
	Replace outer doors	\$\$		Circulating hot water pump	\$\$
	Reflective exterior paint	\$\$		High-efficiency (low-flow) toilet	\$\$
	Attic floor and hatch insulation	\$\$		Energy Star® water heater	\$\$
	Insulate floors above crawlspace	\$\$		Tankless water heater	\$\$-\$\$\$
	Install acoustic insulation	\$\$		Install heat recovery system	\$\$-\$\$\$
	Draft stopper in fireplace chimney	\$\$		WaterSense appliances	\$\$-\$\$\$
	Blow-in insulation in walls	\$\$\$		Solar water heater	\$\$\$
	Install double-pane windows	\$\$\$		Dual plumbing system	\$\$\$
	Energy Star® windows	\$\$\$			
	Install a cool or green roof	\$\$\$			

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$\overline{\mathbf{A}}$	Energy Efficiency and Lighting		Ø	HVAC	
	Switch to CFL or LED lightbulbs	\$		Programmable thermostat	\$
	Solar garden lights	\$		Thermal drapes	\$
	Install dimmers	\$		Air filters	\$
	Timers	\$		Duct sealing	\$
	Sensors, motion and occupancy	\$		Cross ventilation upgrade	\$\$
	Install a clothesline	\$		Dehumidifier	\$\$
	Power strips (avoid phantom load)	\$		Awnings	\$\$
	Energy-monitoring application	\$		Whole house fan	\$\$
	Clean refrigerator coils	\$		Condensing furnace	\$\$\$
	Install LED down lights	\$\$		Ceiling fans (dual direction)	\$\$
	Tubular skylights	\$\$-\$\$\$		Exhaust fans	\$\$
	Energy Star® appliances	\$\$-\$\$\$		Zone control heat and cooling	\$\$
	Solar water heater	\$\$		Heat pump	\$\$\$
	Electric car recharging hookup	\$\$		Air source pump	\$\$\$
	Increase glazing for more daylight	\$\$\$		Energy Star® furnace, boiler	\$\$\$
	Install insulated airtight skylights	\$\$\$		Radiant heat	\$\$\$
	Solar PV generating system	\$\$\$		Radiant floor heat	\$\$\$
	Solar passive heating	\$\$\$		Ground-source heat pump	\$\$\$
	Small wind turbine generator	\$\$\$		Trombe wall or window	\$\$\$
	Net metering	\$\$\$		Geothermal	\$\$\$
	Deep energy retrofit	\$\$\$			11 12 2

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V	Indoor Air Quality		$ \overline{\mathcal{L}} $	Materials	
	HEPA air filters	\$		Low-VOC paint, wall coverings	\$-\$\$
	Low-VOC paint and finishes	\$\$		Recycle old material	\$-\$\$
	Remediate lead based paint	\$\$		CFI Green Label carpet	\$\$
	Radon sealing and venting	\$\$\$		FSC [©] - and SFI [®] -certified wood	\$\$-\$\$\$
	Replace off-gassing materials	\$\$\$		Formaldehyde-free cabinetry	\$\$-\$\$\$
	Remediate mold	\$\$\$		Reclaimed or recycled materials	\$\$\$
	Remediate asbestos	\$\$\$			

$ \sqrt{} $	Lawn and Garden				
	Drip irrigation	\$	Pest-resistant plants, natural repellants	\$	
	Irrigation timer, rain shutoff device	\$	Evergreen trees for wind block	\$	
	Rain barrel or cistern	\$	Leafy trees for shade	\$	
	Organic, slow-release fertilizer	\$	Set mower height at 3 inches	\$	
	Compost bin	\$	Electric or push mower	\$\$	
	Mulch	\$	Bioswale and rain garden	\$\$	
	Native plants, xeriscaping	\$	Permeable pavement materials	\$\$	
	Group plants by water needs	\$	Solar pool heater	\$\$	
	Deep-rooted plants	\$	Outdoor living space upgrade	\$\$\$	
	Reduce grassed lawn size	\$	Greywater usage, dual plumbing	\$\$\$	