

CUT HOME ENERGY COSTS

TITLE: SLASH YOUR BILLS: THE ULTIMATE GUIDE TO CUT HOME ENERGY COSTS

CUT HOME ENERGY COSTS IS A GOAL MANY HOMEOWNERS STRIVE FOR, ESPECIALLY WITH RISING UTILITY PRICES AND INCREASING AWARENESS OF ENVIRONMENTAL IMPACT. EFFECTIVELY MANAGING YOUR HOME'S ENERGY CONSUMPTION ISN'T JUST ABOUT SAVING MONEY; IT'S ALSO ABOUT CREATING A MORE COMFORTABLE AND SUSTAINABLE LIVING SPACE. THIS COMPREHENSIVE GUIDE WILL EQUIP YOU WITH ACTIONABLE STRATEGIES TO SIGNIFICANTLY REDUCE YOUR MONTHLY BILLS, FROM SIMPLE BEHAVIORAL CHANGES TO MORE SUBSTANTIAL INVESTMENTS IN ENERGY EFFICIENCY. WE'LL DELVE INTO OPTIMIZING YOUR HEATING AND COOLING SYSTEMS, IMPROVING INSULATION, MAKING SMART APPLIANCE CHOICES, AND LEVERAGING RENEWABLE ENERGY OPTIONS. BY UNDERSTANDING WHERE YOUR ENERGY IS GOING, YOU CAN MAKE INFORMED DECISIONS TO MAXIMIZE SAVINGS AND MINIMIZE YOUR CARBON FOOTPRINT.

TABLE OF CONTENTS

UNDERSTANDING YOUR ENERGY USE
HEATING AND COOLING OPTIMIZATION STRATEGIES
IMPROVING HOME INSULATION AND SEALING
EFFICIENT LIGHTING AND APPLIANCE CHOICES
WATER HEATING SAVINGS
RENEWABLE ENERGY SOLUTIONS
SMART HOME TECHNOLOGY FOR ENERGY SAVINGS

UNDERSTANDING YOUR ENERGY USE

THE FIRST CRUCIAL STEP TO EFFECTIVELY CUT HOME ENERGY COSTS IS TO GAIN A CLEAR UNDERSTANDING OF WHERE YOUR ENERGY IS BEING CONSUMED. MANY HOMEOWNERS OPERATE UNDER THE ASSUMPTION THAT THEY KNOW THEIR BIGGEST ENERGY DRAINS, BUT REALITY OFTEN PRESENTS A DIFFERENT PICTURE. IS IT THE ANCIENT REFRIGERATOR HUMMING AWAY IN THE BASEMENT, THE THERMOSTAT SET A FEW DEGREES TOO HIGH, OR PERHAPS THOSE FORGOTTEN LIGHTS LEFT ON IN EMPTY ROOMS? IDENTIFYING THESE KEY AREAS IS FUNDAMENTAL TO TARGETING YOUR EFFORTS FOR MAXIMUM IMPACT.

UTILIZING YOUR UTILITY BILLS IS A GREAT STARTING POINT. MOST PROVIDERS OFFER DETAILED BREAKDOWNS OF YOUR MONTHLY CONSUMPTION, OFTEN SHOWING YEAR-OVER-YEAR COMPARISONS AND EVEN PEAK USAGE TIMES. BEYOND THE BILL, CONSIDER INVESTING IN A HOME ENERGY MONITOR. THESE DEVICES PLUG INTO YOUR ELECTRICAL SYSTEM AND PROVIDE REAL-TIME DATA ON APPLIANCE USAGE, ALLOWING YOU TO PINPOINT ENERGY HOGS WITH REMARKABLE ACCURACY. THIS DATA-DRIVEN APPROACH TRANSFORMS GUESSWORK INTO INFORMED DECISION-MAKING, GUIDING YOU TOWARD THE MOST EFFECTIVE STRATEGIES FOR REDUCING WASTE AND SAVING MONEY.

HEATING AND COOLING OPTIMIZATION STRATEGIES

HEATING AND COOLING TYPICALLY REPRESENT THE LARGEST PORTION OF A HOUSEHOLD'S ENERGY EXPENDITURE, OFTEN ACCOUNTING FOR 40-50% OF THE TOTAL. THEREFORE, FOCUSING ON THESE SYSTEMS IS PARAMOUNT WHEN AIMING TO CUT HOME ENERGY COSTS. AN EFFICIENTLY RUNNING HVAC SYSTEM NOT ONLY USES LESS ENERGY BUT ALSO CONTRIBUTES TO A MORE CONSISTENT AND COMFORTABLE INDOOR TEMPERATURE YEAR-ROUND.

SMART THERMOSTAT INSTALLATION

ONE OF THE MOST IMPACTFUL UPGRADES YOU CAN MAKE IS INSTALLING A SMART THERMOSTAT. THESE DEVICES GO BEYOND SIMPLE PROGRAMMABLE SCHEDULES. THEY LEARN YOUR HABITS, DETECT WHEN YOU'RE HOME OR AWAY, AND CAN EVEN ADJUST TEMPERATURES BASED ON LOCAL WEATHER FORECASTS. THIS INTELLIGENT AUTOMATION ENSURES YOU'RE NOT HEATING OR COOLING AN EMPTY HOUSE, LEADING TO SIGNIFICANT ENERGY SAVINGS WITHOUT SACRIFICING COMFORT. MANY SMART THERMOSTATS CAN BE CONTROLLED REMOTELY VIA A SMARTPHONE APP, GIVING YOU GRANULAR CONTROL EVEN WHEN YOU'RE ON THE GO.

REGULAR HVAC MAINTENANCE

DON'T UNDERESTIMATE THE POWER OF ROUTINE MAINTENANCE. JUST LIKE A CAR NEEDS OIL CHANGES, YOUR HEATING AND COOLING SYSTEMS REQUIRE REGULAR CHECK-UPS TO OPERATE AT PEAK EFFICIENCY. SCHEDULING ANNUAL INSPECTIONS BY A QUALIFIED TECHNICIAN CAN IDENTIFY POTENTIAL PROBLEMS BEFORE THEY BECOME COSTLY BREAKDOWNS. THEY WILL CLEAN FILTERS, CHECK REFRIGERANT LEVELS, INSPECT DUCTWORK FOR LEAKS, AND ENSURE ALL COMPONENTS ARE FUNCTIONING OPTIMALLY. A WELL-MAINTAINED SYSTEM CONSUMES LESS ENERGY AND LASTS LONGER, OFFERING A DUAL BENEFIT FOR YOUR WALLET AND PEACE OF MIND.

OPTIMIZE AIRFLOW AND DUCTWORK

LEAKY OR POORLY INSULATED DUCTWORK CAN WASTE A SUBSTANTIAL AMOUNT OF HEATED OR COOLED AIR BEFORE IT EVEN REACHES YOUR LIVING SPACES. INSPECT YOUR ACCESSIBLE DUCTWORK FOR ANY VISIBLE TEARS, GAPS, OR LOOSE CONNECTIONS. SEALING THESE WITH MASTIC SEALANT OR METAL-BACKED TAPE CAN PREVENT SIGNIFICANT ENERGY LOSS. FURTHERMORE, ENSURE THAT VENTS AND REGISTERS ARE NOT BLOCKED BY FURNITURE OR CURTAINS, ALLOWING FOR UNOBSTRUCTED AIRFLOW. SIMPLE ADJUSTMENTS CAN MAKE A SURPRISING DIFFERENCE IN HOW EFFICIENTLY YOUR SYSTEM DISTRIBUTES CONDITIONED AIR THROUGHOUT YOUR HOME.

WINDOW TREATMENTS AND CEILING FANS

DURING SUMMER, STRATEGIC USE OF WINDOW TREATMENTS CAN DRASTICALLY REDUCE HEAT GAIN. CLOSING BLINDS, CURTAINS, OR SHUTTERS DURING THE HOTTEST PARTS OF THE DAY CAN BLOCK SOLAR RADIATION, LESSENING THE BURDEN ON YOUR AIR CONDITIONING. IN WINTER, OPENING THEM DURING SUNNY PERIODS CAN ALLOW PASSIVE SOLAR HEATING. CEILING FANS ARE ALSO EXCELLENT TOOLS FOR ENERGY EFFICIENCY. THEY DON'T COOL THE AIR ITSELF BUT CREATE A WIND CHILL EFFECT, MAKING YOU FEEL COOLER. THIS ALLOWS YOU TO SET YOUR THERMOSTAT A FEW DEGREES HIGHER IN THE SUMMER WHILE STILL MAINTAINING COMFORT, THEREBY CUTTING HOME ENERGY COSTS.

IMPROVING HOME INSULATION AND SEALING

A WELL-INSULATED AND PROPERLY SEALED HOME ACTS LIKE A COZY BLANKET, KEEPING THE WARMTH IN DURING THE WINTER AND THE COOL AIR CONTAINED DURING THE SUMMER. THIS DRAMATICALLY REDUCES THE WORKLOAD ON YOUR HVAC SYSTEM AND IS A FUNDAMENTAL STRATEGY TO CUT HOME ENERGY COSTS. THINK OF IT AS PREVENTING YOUR CONDITIONED AIR FROM ESCAPING LIKE STEAM FROM A LEAKY POT.

ATTIC AND WALL INSULATION

THE ATTIC IS OFTEN THE MOST SIGNIFICANT AREA FOR HEAT LOSS OR GAIN. ENSURE YOUR ATTIC HAS ADEQUATE INSULATION, TYPICALLY MEASURED BY ITS R-VALUE (RESISTANCE TO HEAT FLOW). ADDING MORE INSULATION, WHETHER IT'S FIBERGLASS BATTS, BLOWN-IN CELLULOSE, OR SPRAY FOAM, CAN PROVIDE A SUBSTANTIAL RETURN ON INVESTMENT. SIMILARLY, WALLS CAN LOSE A CONSIDERABLE AMOUNT OF ENERGY. WHILE RETROFITTING WALL INSULATION CAN BE MORE COMPLEX, IT'S A WORTHWHILE CONSIDERATION FOR OLDER HOMES. OPTIONS INCLUDE BLOWING INSULATION INTO EMPTY WALL CAVITIES.

SEALING AIR LEAKS

AIR LEAKS ARE SNEAKY CULPRITS THAT ALLOW CONDITIONED AIR TO ESCAPE AND UNCONDITIONED AIR TO INFILTRATE YOUR HOME. COMMON CULPRITS INCLUDE GAPS AROUND WINDOWS AND DOORS, ELECTRICAL OUTLETS ON EXTERIOR WALLS, PLUMBING PENETRATIONS, AND ATTIC HATCHWAYS. USING CAULK AND WEATHERSTRIPPING IS AN INEXPENSIVE YET HIGHLY EFFECTIVE WAY TO SEAL THESE LEAKS. PAY CLOSE ATTENTION TO AREAS WHERE DIFFERENT BUILDING MATERIALS MEET, SUCH AS WHERE SIDING MEETS THE FOUNDATION OR AROUND CHIMNEYS. A THOROUGH INSPECTION AND SEALING PROCESS CAN SIGNIFICANTLY IMPROVE YOUR HOME'S ENERGY EFFICIENCY AND COMFORT.

BASEMENT AND CRAWL SPACE INSULATION

DON'T FORGET ABOUT THE LOWER LEVELS OF YOUR HOME. INSULATING BASEMENT WALLS OR CRAWL SPACE CEILINGS CAN PREVENT HEAT FROM ESCAPING INTO UNCONDITIONED SPACES. THIS IS PARTICULARLY IMPORTANT IN COLDER CLIMATES. PROPER INSULATION IN THESE AREAS ALSO HELPS TO CONTROL MOISTURE AND CAN PREVENT PIPES FROM FREEZING IN THE WINTER.

EFFICIENT LIGHTING AND APPLIANCE CHOICES

WHILE HEATING AND COOLING OFTEN DOMINATE ENERGY BILLS, LIGHTING AND APPLIANCE USAGE ALSO CONTRIBUTE SIGNIFICANTLY. MAKING SMART CHOICES IN THESE AREAS IS ANOTHER EFFECTIVE WAY TO CUT HOME ENERGY COSTS AND REDUCE YOUR OVERALL ENVIRONMENTAL IMPACT.

SWITCH TO LED LIGHTING

INCANDESCENT LIGHT BULBS ARE NOTORIOUSLY INEFFICIENT, CONVERTING MOST OF THE ENERGY THEY CONSUME INTO HEAT RATHER THAN LIGHT. TRANSITIONING TO LIGHT EMITTING DIODE (LED) BULBS IS ONE OF THE EASIEST AND MOST IMPACTFUL CHANGES YOU CAN MAKE. LEDs USE UP TO 80% LESS ENERGY THAN INCANDESCENT BULBS AND LAST SIGNIFICANTLY LONGER, MEANING FEWER REPLACEMENTS AND LESS WASTE. WHILE THE INITIAL COST OF LEDs MIGHT BE SLIGHTLY HIGHER, THE LONG-TERM SAVINGS ON YOUR ELECTRICITY BILL AND REPLACEMENT COSTS MAKE THEM A CLEAR WINNER.

ENERGY-EFFICIENT APPLIANCES

WHEN IT'S TIME TO REPLACE OLD APPLIANCES, LOOK FOR THE ENERGY STAR LABEL. THIS CERTIFICATION SIGNIFIES THAT THE APPLIANCE MEETS STRICT ENERGY EFFICIENCY GUIDELINES SET BY THE U.S. ENVIRONMENTAL PROTECTION AGENCY AND THE DEPARTMENT OF ENERGY. ENERGY STAR CERTIFIED REFRIGERATORS, DISHWASHERS, WASHING MACHINES, AND DRYERS USE SIGNIFICANTLY LESS ENERGY AND WATER THAN THEIR CONVENTIONAL COUNTERPARTS. WHILE THE UPFRONT COST MIGHT BE A BIT HIGHER, THE CUMULATIVE ENERGY SAVINGS OVER THE APPLIANCE'S LIFESPAN WILL FAR OUTWEIGH THE INITIAL INVESTMENT, HELPING YOU TO CUT HOME ENERGY COSTS SUBSTANTIALLY.

CONSCIOUS APPLIANCE USAGE

BEYOND CHOOSING EFFICIENT MODELS, YOUR USAGE HABITS PLAY A VITAL ROLE. FOR EXAMPLE, RUNNING YOUR DISHWASHER OR WASHING MACHINE ONLY WHEN THEY ARE FULL, USING COLD WATER SETTINGS FOR LAUNDRY WHENEVER POSSIBLE, AND AIR-DRYING CLOTHES INSTEAD OF USING THE DRYER CAN ALL CONTRIBUTE TO ENERGY SAVINGS. SIMILARLY, UNPLUGGING ELECTRONICS WHEN NOT IN USE (OR USING SMART POWER STRIPS) CAN PREVENT "PHANTOM LOAD," THE ENERGY CONSUMED BY DEVICES IN STANDBY MODE.

WATER HEATING SAVINGS

HEATING WATER IS THE SECOND-LARGEST ENERGY EXPENSE IN MOST HOMES, OFTEN MAKING UP ABOUT 15-20% OF YOUR TOTAL UTILITY BILL. IMPLEMENTING STRATEGIES TO REDUCE WATER HEATING ENERGY CONSUMPTION IS THEREFORE A CRITICAL COMPONENT OF ANY PLAN TO CUT HOME ENERGY COSTS.

LOWER THE THERMOSTAT SETTING

MANY WATER HEATERS ARE SET TO A MUCH HIGHER TEMPERATURE THAN IS ACTUALLY NECESSARY. FOR MOST HOUSEHOLDS, A SETTING OF 120°F (49°C) IS SUFFICIENT. LOWERING THE THERMOSTAT SETTING ON YOUR WATER HEATER CAN SAVE ENERGY AND ALSO REDUCE THE RISK OF SCALDING. ALWAYS CONSULT YOUR WATER HEATER'S MANUAL FOR INSTRUCTIONS ON HOW TO SAFELY ADJUST THE TEMPERATURE.

INSULATE YOUR WATER HEATER AND PIPES

IF YOU HAVE AN OLDER STORAGE-TANK WATER HEATER, INSULATING THE TANK ITSELF CAN SIGNIFICANTLY REDUCE STANDBY HEAT LOSS. YOU CAN PURCHASE AN INSULATING BLANKET SPECIFICALLY DESIGNED FOR WATER HEATERS. ADDITIONALLY, INSULATING THE FIRST FEW FEET OF HOT AND COLD WATER PIPES CONNECTED TO THE WATER HEATER WILL FURTHER MINIMIZE HEAT LOSS AS THE WATER TRAVELS THROUGH YOUR HOME.

USE LESS HOT WATER

SIMPLE BEHAVIORAL CHANGES CAN LEAD TO SUBSTANTIAL SAVINGS. TAKING SHORTER SHOWERS, WASHING CLOTHES IN COLD WATER, AND FIXING LEAKY FAUCETS PROMPTLY ALL REDUCE THE AMOUNT OF HOT WATER YOU USE. INSTALLING LOW-FLOW SHOWERHEADS AND FAUCET AERATORS IS ANOTHER EXCELLENT WAY TO DECREASE HOT WATER CONSUMPTION WITHOUT SACRIFICING WATER PRESSURE, OFFERING A NOTICEABLE IMPACT ON YOUR UTILITY BILLS.

RENEWABLE ENERGY SOLUTIONS

FOR THOSE LOOKING FOR A MORE SIGNIFICANT AND LONG-TERM APPROACH TO CUTTING HOME ENERGY COSTS AND EMBRACING SUSTAINABILITY, RENEWABLE ENERGY SOLUTIONS OFFER A COMPELLING PATH FORWARD.

SOLAR PANELS

INSTALLING SOLAR PHOTOVOLTAIC (PV) PANELS ON YOUR ROOF ALLOWS YOU TO GENERATE YOUR OWN ELECTRICITY FROM SUNLIGHT. OVER THE LIFESPAN OF THE PANELS, THIS CAN LEAD TO SUBSTANTIAL SAVINGS ON YOUR ELECTRICITY BILLS, AND IN SOME CASES, YOU MAY EVEN BE ABLE TO SELL EXCESS ELECTRICITY BACK TO THE GRID. WHILE THE INITIAL INVESTMENT CAN BE CONSIDERABLE, VARIOUS GOVERNMENT INCENTIVES AND TAX CREDITS CAN HELP OFFSET THE COST. THE LONG-TERM BENEFITS, BOTH FINANCIAL AND ENVIRONMENTAL, ARE SUBSTANTIAL.

GEOHERMAL SYSTEMS

GEOHERMAL HEATING AND COOLING SYSTEMS UTILIZE THE STABLE TEMPERATURE OF THE EARTH TO PROVIDE HIGHLY EFFICIENT CLIMATE CONTROL. THESE SYSTEMS TRANSFER HEAT FROM THE GROUND TO YOUR HOME IN THE WINTER AND FROM YOUR HOME TO THE GROUND IN THE SUMMER. WHILE THE INSTALLATION OF A GEOHERMAL SYSTEM IS A SIGNIFICANT UNDERTAKING, THEY ARE INCREDIBLY ENERGY-EFFICIENT AND CAN DRASTICALLY REDUCE HEATING AND COOLING COSTS FOR DECADES.

SMART HOME TECHNOLOGY FOR ENERGY SAVINGS

THE INTEGRATION OF SMART HOME TECHNOLOGY OFFERS A MODERN AND SOPHISTICATED APPROACH TO MANAGING AND REDUCING ENERGY CONSUMPTION, MAKING IT EASIER THAN EVER TO CUT HOME ENERGY COSTS.

INTEGRATED SMART SYSTEMS

BEYOND SMART THERMOSTATS, A FULLY INTEGRATED SMART HOME SYSTEM CAN MANAGE LIGHTING, APPLIANCES, AND EVEN WINDOW TREATMENTS FOR OPTIMAL ENERGY EFFICIENCY. THESE SYSTEMS CAN LEARN YOUR HOUSEHOLD'S ROUTINES AND ADJUST SETTINGS AUTOMATICALLY TO MINIMIZE ENERGY WASTE. FOR INSTANCE, LIGHTS CAN BE PROGRAMMED TO TURN OFF IN UNOCCUPIED ROOMS, AND SMART PLUGS CAN ENSURE DEVICES ARE ONLY POWERED WHEN NEEDED.

ENERGY MONITORING AND AUTOMATION

SMART HOME PLATFORMS PROVIDE DETAILED INSIGHTS INTO YOUR ENERGY USAGE PATTERNS. YOU CAN OFTEN TRACK THE CONSUMPTION OF INDIVIDUAL APPLIANCES OR ROOMS IN REAL-TIME, HELPING YOU IDENTIFY AREAS WHERE FURTHER SAVINGS CAN BE MADE. AUTOMATION FEATURES ALLOW YOU TO CREATE CUSTOM ENERGY-SAVING SCENARIOS, SUCH AS SETTING SPECIFIC TEMPERATURE RANGES FOR DIFFERENT TIMES OF THE DAY OR ACTIVATING "AWAY MODES" THAT SIGNIFICANTLY REDUCE ENERGY CONSUMPTION WHEN NO ONE IS HOME. THIS LEVEL OF CONTROL AND VISIBILITY EMPOWERS YOU TO MAKE DATA-DRIVEN DECISIONS FOR MAXIMUM EFFICIENCY.

FAQ

Q: WHAT IS THE SINGLE MOST EFFECTIVE WAY TO CUT HOME ENERGY COSTS QUICKLY?

A: THE SINGLE MOST EFFECTIVE WAY TO CUT HOME ENERGY COSTS QUICKLY OFTEN INVOLVES OPTIMIZING YOUR HEATING AND COOLING. ADJUSTING YOUR THERMOSTAT BY JUST A FEW DEGREES, ENSURING YOUR HVAC SYSTEM IS WELL-MAINTAINED, AND SEALING OBVIOUS AIR LEAKS AROUND WINDOWS AND DOORS CAN YIELD IMMEDIATE SAVINGS.

Q: HOW MUCH CAN I REALISTICALLY SAVE ON MY ENERGY BILLS BY MAKING HOME IMPROVEMENTS?

A: THE AMOUNT YOU CAN SAVE VARIES GREATLY DEPENDING ON THE IMPROVEMENTS MADE, YOUR HOME'S CURRENT CONDITION, AND YOUR CLIMATE. HOWEVER, COMPREHENSIVE INSULATION UPGRADES AND SWITCHING TO AN ENERGY-EFFICIENT HVAC SYSTEM CAN OFTEN LEAD TO SAVINGS OF 20-40% OR EVEN MORE ON YOUR TOTAL ENERGY BILLS OVER TIME.

Q: ARE LED LIGHT BULBS REALLY WORTH THE UPFRONT COST COMPARED TO INCANDESCENT BULBS?

A: YES, ABSOLUTELY. WHILE LED BULBS HAVE A HIGHER INITIAL PURCHASE PRICE, THEY USE SIGNIFICANTLY LESS ELECTRICITY AND LAST MUCH LONGER. THE ENERGY SAVINGS OVER THE LIFESPAN OF AN LED BULB WILL FAR OUTWEIGH THE INITIAL COST, MAKING THEM A WISE LONG-TERM INVESTMENT FOR CUTTING HOME ENERGY COSTS.

Q: HOW OFTEN SHOULD I GET MY HVAC SYSTEM SERVICED TO ENSURE IT'S RUNNING EFFICIENTLY?

A: IT IS GENERALLY RECOMMENDED TO HAVE YOUR HVAC SYSTEM SERVICED BY A QUALIFIED PROFESSIONAL AT LEAST ONCE A YEAR, IDEALLY BEFORE THE START OF THE HEATING SEASON AND AGAIN BEFORE THE COOLING SEASON. THIS PREVENTATIVE MAINTENANCE ENSURES OPTIMAL PERFORMANCE AND CAN HELP PREVENT COSTLY BREAKDOWNS.

Q: WHAT IS "PHANTOM LOAD" AND HOW CAN I REDUCE IT TO CUT HOME ENERGY COSTS?

A: PHANTOM LOAD, ALSO KNOWN AS STANDBY POWER, IS THE ENERGY CONSUMED BY ELECTRONIC DEVICES WHEN THEY ARE TURNED OFF BUT STILL PLUGGED INTO AN ELECTRICAL OUTLET. YOU CAN REDUCE PHANTOM LOAD BY UNPLUGGING DEVICES WHEN NOT IN USE, USING SMART POWER STRIPS THAT CAN CUT POWER TO MULTIPLE DEVICES SIMULTANEOUSLY, OR BY OPTING FOR DEVICES WITH LOW STANDBY POWER CONSUMPTION.

Q: IS INVESTING IN SOLAR PANELS A GOOD IDEA FOR CUTTING HOME ENERGY COSTS, EVEN IF I LIVE IN A CLOUDY REGION?

A: YES, SOLAR PANELS CAN STILL BE A GOOD INVESTMENT EVEN IN LESS SUNNY REGIONS. MODERN SOLAR TECHNOLOGY IS

HIGHLY EFFICIENT, AND PANELS CAN GENERATE ELECTRICITY FROM AMBIENT LIGHT, NOT JUST DIRECT SUNLIGHT. MANY HOMEOWNERS FIND THAT THE LONG-TERM SAVINGS, COUPLED WITH AVAILABLE INCENTIVES, MAKE SOLAR A VIABLE OPTION FOR REDUCING HOME ENERGY COSTS.

Q: HOW CAN I CHECK FOR AIR LEAKS IN MY HOME TO IMPROVE INSULATION AND CUT ENERGY USE?

A: YOU CAN CHECK FOR AIR LEAKS BY CONDUCTING A VISUAL INSPECTION AROUND WINDOWS, DOORS, ELECTRICAL OUTLETS, AND PLUMBING PENETRATIONS FOR OBVIOUS GAPS OR CRACKS. ON A WINDY DAY, YOU MIGHT FEEL DRAFTS. MORE ADVANCED METHODS INCLUDE USING AN INCENSE STICK TO SEE WHERE THE SMOKE IS DRAWN, OR HIRING A PROFESSIONAL FOR A BLOWER DOOR TEST, WHICH DEPRESSURIZES YOUR HOME TO REVEAL LEAK LOCATIONS.

Cut Home Energy Costs

Cut Home Energy Costs

Related Articles

- [d-day controversy history](#)
- [cybersecurity analyst algorithm skills](#)
- [dairy free yogurt](#)

[Back to Home](#)