YOUR HOME USES ENERGY EVERY DAY, ALL DAY LONG. YOUR HOUSE USES ENERGY TO KEEP YOU WARM IN THE WINTER AND COOL IN THE SUMMER. IT USES ENERGY TO HEAT YOUR WATER, GIVE YOU LIGHT WHEN YOU NEED IT, AND TO RUN ALL OF YOUR HOUSEHOLD APPLIANCES AND HOME ELECTRONICS.

BUT HOW CAN YOU USE THAT ENERGY MORE EFFICIENTLY, TO BOTH SAVE YOU MONEY AND IMPROVE YOUR HOME’S CARBON FOOTPRINT?

TIGHTENING YOUR HOME
ATTIC AND OUTER WALL INSULATION
Should you pick fiberglass or dense packed sprayed cellulose insulation?
ANSWER: Cellulose!
WHY?: IT’S MORE EXPENSIVE TO INSTALL INITIALLY (DOUBLE), BUT IT’S 40% MORE ENERGY EFFICIENT. IT ALSO STOPS THE SPREAD OF FIRE, DETERS MOLD AND PESTS, AND BLOCKS SOUND BETTER THAN FIBERGLASS.

IN HOME APPLIANCES - ENERGY STAR
WATER HEATER (TANKLESS GAS)
INITIAL COST - $500+
LIFESPAN - 15 YEARS
SAVINGS - $1000 PER YEAR OVER CONVENTIONAL WATER HEATER
ENERGY SAVINGS - 30% MORE EFFICIENT THAN ON ENERGY STAR

FURNACE
INITIAL COST - $1500
LIFESPAN - 25 YEARS
ENERGY SAVINGS - 15% MORE EFFICIENT THAN NON ENERGY STAR

REFRIGERATORS
SAVINGS - REPLACING AN OLDER MODEL CAN SAVE $100 PER YEAR
ENERGY SAVINGS - 20% MORE EFFICIENT THAN NON ENERGY STAR

FREEZERS
SAVINGS - REPLACING OLDER MODELS CAN SAVE $35 PER YEAR
ENERGY SAVINGS - 10% MORE EFFICIENT THAN NON ENERGY STAR

LAUNDRY MACHINES
SAVINGS - REPLACING AN OLDER MODEL CAN SAVE $135 PER YEAR
ENERGY SAVINGS - 3%-% MORE EFFICIENT THAN NON ENERGY STAR

THINKING OUTSIDE THE BOX
GREEN ROOFING
INITIAL COST - $20-$30 PER SQUARE FOOT
PRECIPITATION RETAINED - ANNUALLY 50%-60%
GREEN ROOF LIFESPAN - 30-50 YEARS (DOUBLE CONVENTIONAL ROOF)

RAIN BARRELS
INITIAL COST - $60 FOR A 55 GALLON BARREL
WATER BILL SAVINGS - UP TO 40% IN THE SUMMER (IRRIGATION)