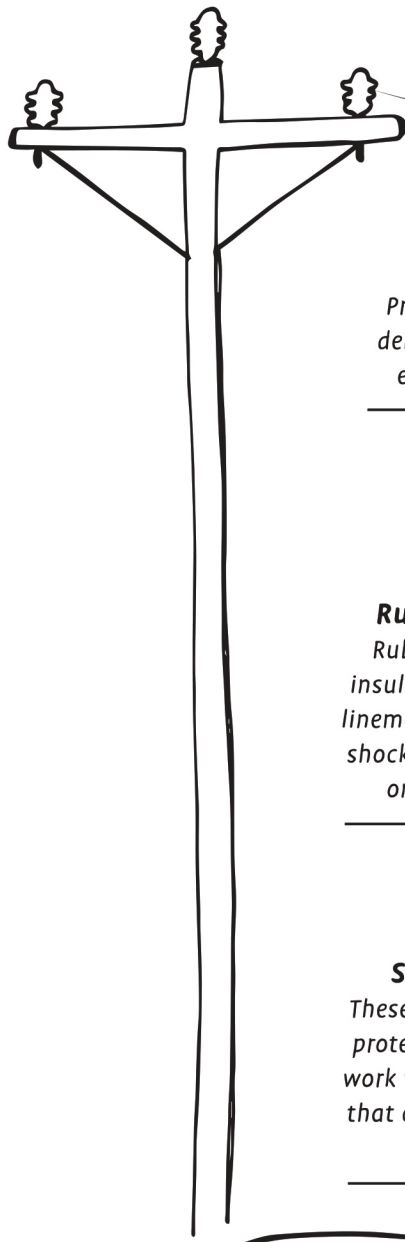


Linemen Gear Up For Safety

Did you know electric co-op linemen wear special safety gear to protect them on the job? Complete this coloring sheet and learn how they stay safe. Remember to always look up and practice safety when playing outdoors near power lines!



Hard Hat

These hats protect linemen from potential head injuries while working on electrical lines.

Safety Goggles

Protective goggles keep debris out of a lineman's eyes while on the job.

Rubber Gloves

Rubber gloves are insulated and protect linemen from electrical shock while they work on power lines.

Steel Toe Boots

These boots provide extra protection while linemen work with heavy materials that could potentially fall near their feet.

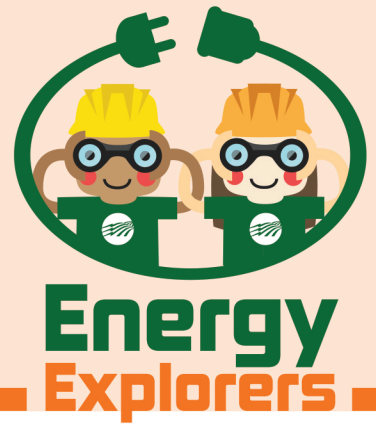
Flame Resistant Clothing

Electrical hazards, such as an arc flash, are a potential danger for linemen. Flame resistant clothing keeps them safe!



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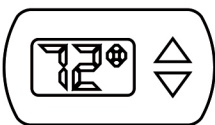
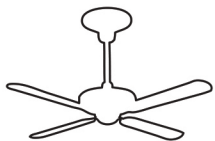
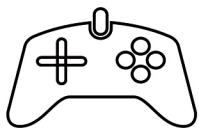
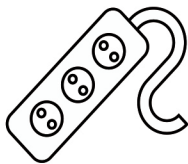
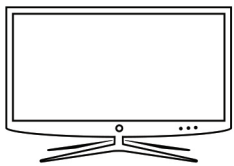
Flipping the Switch WORD SCRAMBLE



Do you know you can save energy every day in your home? By turning off appliances that are not in use, you have the power to save energy! For example, while the sun is shining, windows can allow sunlight into your house, and you won't have to turn on a lamp or a light switch.

Unscramble the letters to reveal the names of common appliances and electronics that you should turn off when not in use. Use the pictures below for clues.

APPLIANCES:



1. GLEICIN NAF

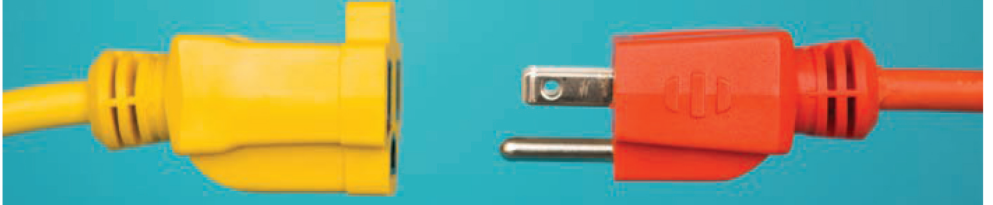
2. HTATOSMERT

3. HGTIL HCTWIS

4. ONSILEETVI

5. EWROP PRTIS

6. MGAE NOESCLO



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Electrical Safety Checklist

**NEARLY HALF OF ALL HOME FIRES OCCUR DURING WINTER MONTHS. TAKE A FEW MIN-
utes this fall to identify and correct any potential electrical hazards to ensure the
safety of your home.**

Switches and Outlets

- Are any switches or outlets warm to the touch?** ___ Yes ___ No
A warm switch or outlet indicates an unsafe wiring condition.
- Are any outlets or switches discolored?** ___ Yes ___ No
Discoloration indicates dangerous heat buildup at these connections.
- Do plugs fit snugly into outlets?** ___ Yes ___ No
Loosefitting plugs can cause overheating and fires.

Cords

- Are any cords cracked, frayed or damaged?** ___ Yes ___ No
Damaged cords can expose wires, causing shock and fire hazards.
- Are any cords pinched by furniture or windows or attached to anything with staples or nails?** ___ Yes ___ No
Pinching and/or stapling cords can damage the insulation, causing a shock or fire hazard.
- Do you use extension cords on a permanent basis?** ___ Yes ___ No
Extension cords should only be used temporarily.

Electric Panel

- Do you have recurring tripped circuit breakers or blown fuses?** ___ Yes ___ No
If yes, this could indicate you're exceeding a safe level of electrical current.
- Do you have arc-fault circuit interrupters?** ___ Yes ___ No
AFCIs provide greater fire protection. Check your circuit breakers for the AFCI label.

AIR CONDITIONING

Word Search

A	I	T	R	E	F	R	I	G	E	R	A	N	T	C	C	A
M	W	T	A	T	S	O	M	R	E	H	T	E	O	O	F	I
A	T	R	O	F	M	O	C	T	S	A	S	F	M	N	E	R
I	I	E	D	R	C	O	I	A	R	O	P	P	F	D	F	F
N	E	R	F	U	R	A	T	S	Y	G	R	E	N	E	F	L
T	R	I	C	P	C	D	S	O	S	E	W	E	R	N	I	O
E	T	L	E	O	M	T	H	C	S	P	R	O	G	S	C	W
N	E	M	T	N	N	R	S	S	G	N	I	T	A	E	H	N
A	M	A	N	E	A	D	O	M	A	M	M	A	R	R	I	Y
N	P	I	V	N	C	R	I	E	B	L	E	O	F	F	E	F
C	E	V	A	P	O	R	A	T	O	R	C	O	I	L	N	I
E	R	A	B	L	L	H	R	E	I	F	D	O	L	B	C	D
Y	A	B	L	E	G	N	I	L	O	O	C	D	T	L	Y	I
U	T	O	O	F	T	H	E	E	R	M	N	I	E	C	O	M
M	U	O	W	F	V	T	D	A	C	E	C	E	R	S	M	U
N	R	W	E	L	B	A	M	M	A	R	G	O	R	P	T	H
S	E	E	R	V	H	R	Y	C	N	E	I	C	I	F	F	E
G	O	B	K	S	P	M	U	P	T	A	E	H	U	H	E	D



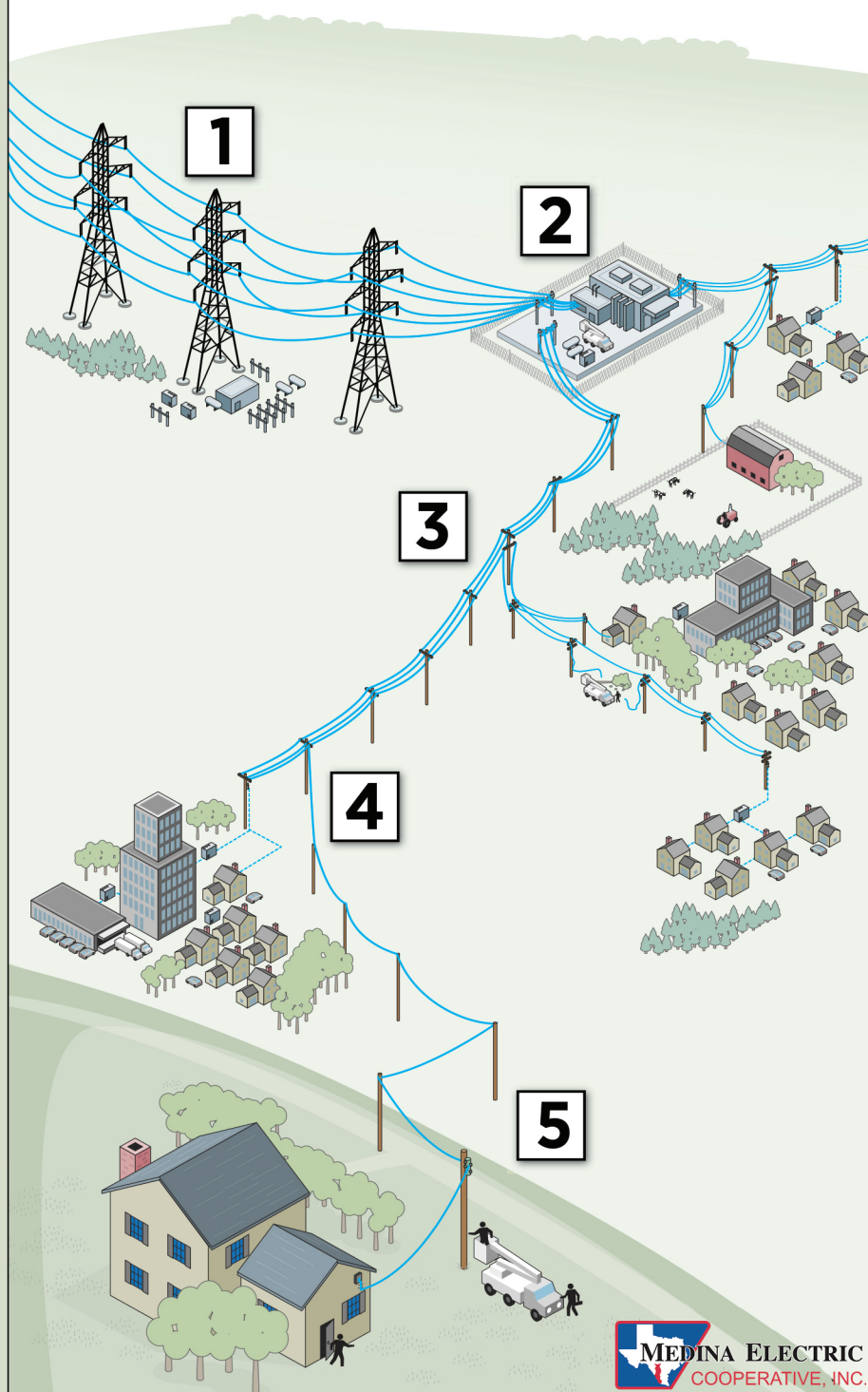
Help Willie Wiredhand find these words in the puzzle box.

AIR CONDITIONER	COOLING	FILTER	SEER
AIRFLOW	DEHUMIDIFY	HEAT PUMP	SHADE
BLOWER	DUCTS	HEATING	TEMPERATURE
COMFORT	EFFICIENCY	MAINTENANCE	THERMOSTAT
COMPRESSOR	ENERGY STAR	PROGRAMMABLE	VENTS
CONDENSER	EVAPORATOR COIL	REFRIGERANT	

Powering UP

When electricity goes out, most of us expect power will be restored within a few hours. But when a major storm causes widespread damage, longer outages may result. Co-op line crews work long, hard hours to restore service safely to the greatest number of consumers in the shortest time possible.

Here's what's going on if you find yourself in the dark.



1 High-Voltage Transmission Lines

Transmission towers and cables that supply power to transmission substations (and thousands of members) rarely fail. But when damaged, these facilities must be repaired before other parts of the system can operate.

2 Distribution Substation

Each substation serves hundreds or thousands of consumers. When a major outage occurs, line crews inspect substations to determine if problems stem from transmission lines feeding into the substation, the substation itself, or if problems exist down the line.

3 Main Distribution Lines

If the problem cannot be isolated at a distribution substation, distribution lines are checked. These lines carry power to large groups of consumers in communities or housing developments.

4 Tap Lines

If local outages persist, supply lines, called tap lines, are inspected. These lines deliver power to transformers, either mounted on poles or placed on pads for underground service, outside businesses, schools, and homes.

5 Individual Homes

If your home remains without power, the service line between a transformer and your residence may need to be repaired. Always call to report an outage to help line crews isolate local issues.