



Energy Education at Home

Our PUD Public Education Coordinators offer these great activities kids can do at home

Take a Virtual Field trip of a Small Hydroelectric Project (Grades 4 and up)

Have you ever wondered how electricity is generated locally in our county? There are a lot of steps in the process before it reaches the electrical outlets in your house. Take a virtual field trip of the PUD's Woods Creek Hydroelectric project. Use the [teacher guide](#) to ask your child questions afterwards.

Look at Live Graphs of Solar Production Data (Grades 4 and up)

Although the world has slowed down, the sun is revving up! The solar panels at the PUD's Community Solar project in Arlington are working hard during these sunny days. Check out the [live production data](#). A fun activity to do with kids would be to look at the graphs from different time periods and ask questions like:

- ▶ Which day last week generated the least electricity?
- ▶ On average what time each day is electricity starting to be generated?
- ▶ In March, what day generated the most electricity

Stay Safe Around Electricity (Grades 3-5)

Watch these five [3-minute videos](#) starring kids to learn ways to stay safe around electricity and then complete the home safety checklist on page 2.

Help your Family Save Electricity (all ages)

Color and cut out the Energy Tip Cards on page 3. Help your children tape them up in places around your house that will be good reminders for your family.

Coloring FUN (all ages)

These coloring sheets are not just about energy education but we hope your children enjoy some fun coloring activities!

- ▶ PUD service truck (page 4)
- ▶ Celebrate electricity (page 5)
- ▶ Thank You Utility Workers* (page 6)
- ▶ Thank You Medical Workers* (page 7)
- ▶ Thank You Service Workers* (page 8)
- ▶ Thank You Police & Firefighters* (page 9)
- ▶ Thank You Sanitation & Public Transportation Workers* (page 10)

*Provided by Project Energy Savers (more coloring sheets at projectenergysavers.com)



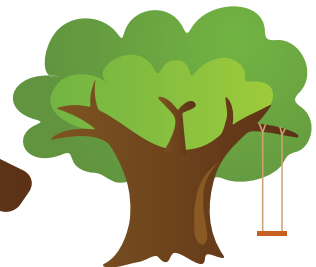
HOME SAFETY CHECKLIST!

Use this checklist to look for electrical safety hazards in your home. Make sure to fix anything that you check off as “needs work.”

	Safe	Needs Work
Electrical appliances are away from water sources.		
If young children are in the house, there are childproof covers on all electrical outlets.		
Outlets aren't overloaded with too many plugs.		
Power cords aren't worn or covered by rugs.		
Extension cords being used are rated to carry the current needed for the appliance they serve.		
Electric heaters aren't close to anything that can burn.		

OTHER IMPORTANT SAFETY TIPS:

- Never pull a plug out by the cord
- Call 811 before you dig
- Fly kites away from power lines
- Never climb trees near power poles
- Stay away from power lines on the ground
- Never insert a metal object into an appliance



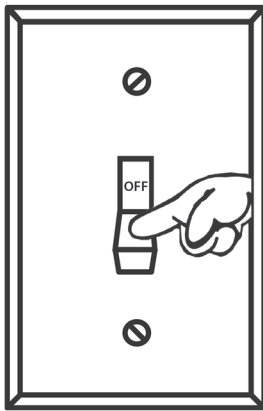
For more tips about staying safe around electricity, check out snopud.com/playitsafe

ENERGY TIP CARDS

Color these cards and then cut them out along the dashed line.

Ask your parents if you can tape them up where they will be most useful to your family.

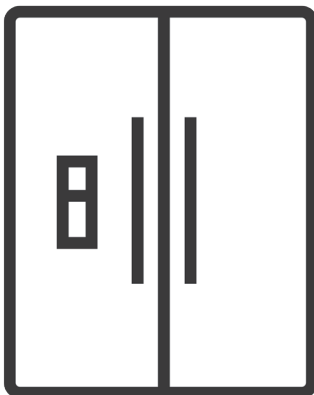
**Turn off lights
when not in use**



**Take five-minute
showers**



**Don't keep your fridge
door open too long!**



When not in use, turn off:

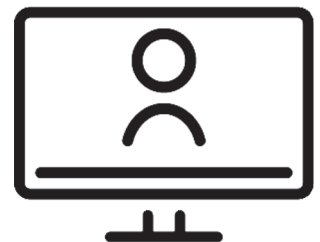
Radio

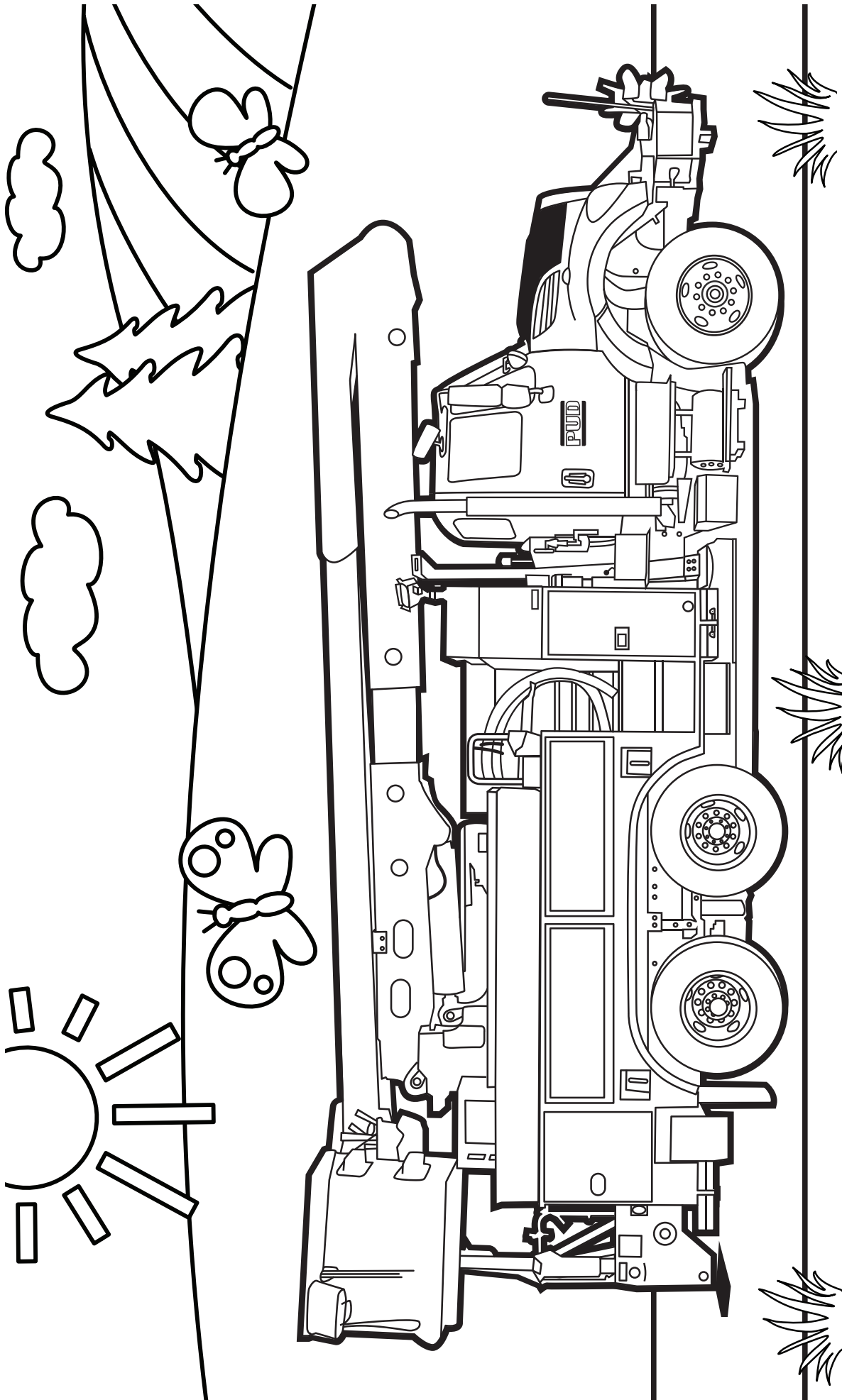


Computer



TV



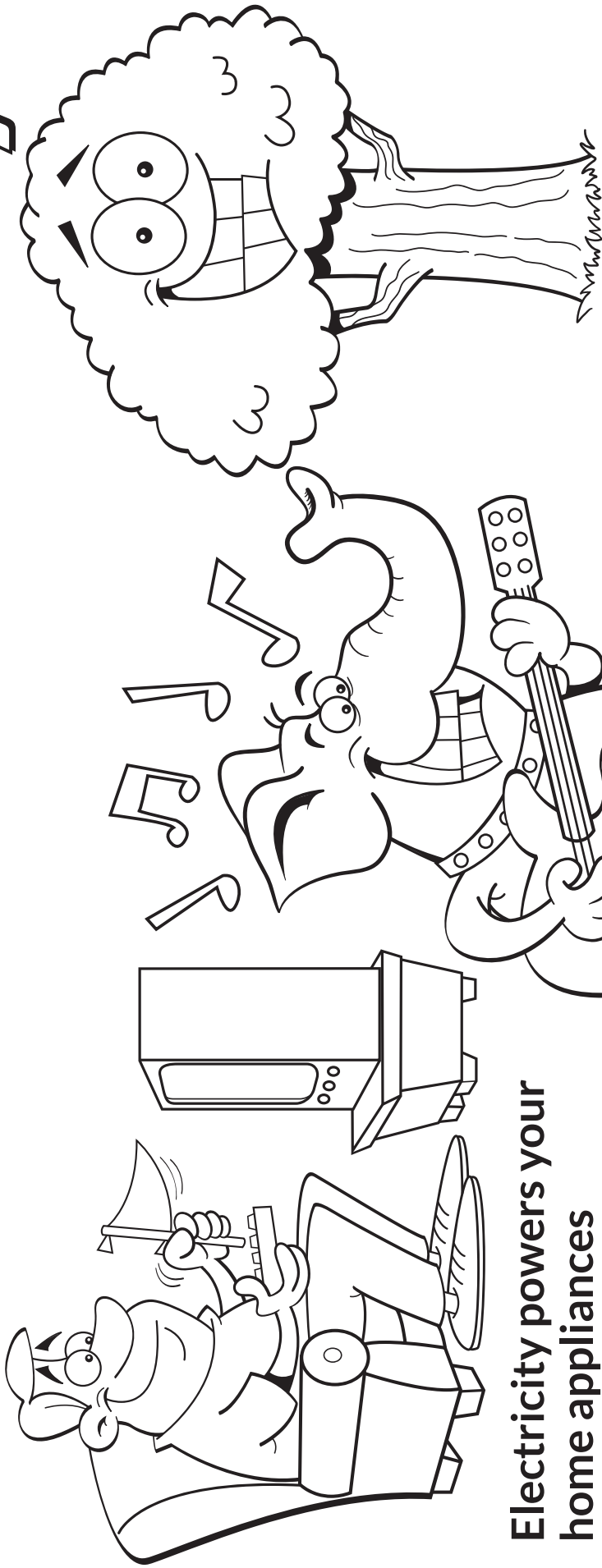


COLOR A PUD LINE TRUCK!

snopud.com/outages or 425-783-1001

**VIEW & REPORT
OUTAGES 24/7:**

Celebrate Electricity



**Electricity powers your
home appliances**

SNOHOMISH COUNTY

PUD

PUBLIC UTILITY DISTRICT NO. 1

**Including some
that are fun!**

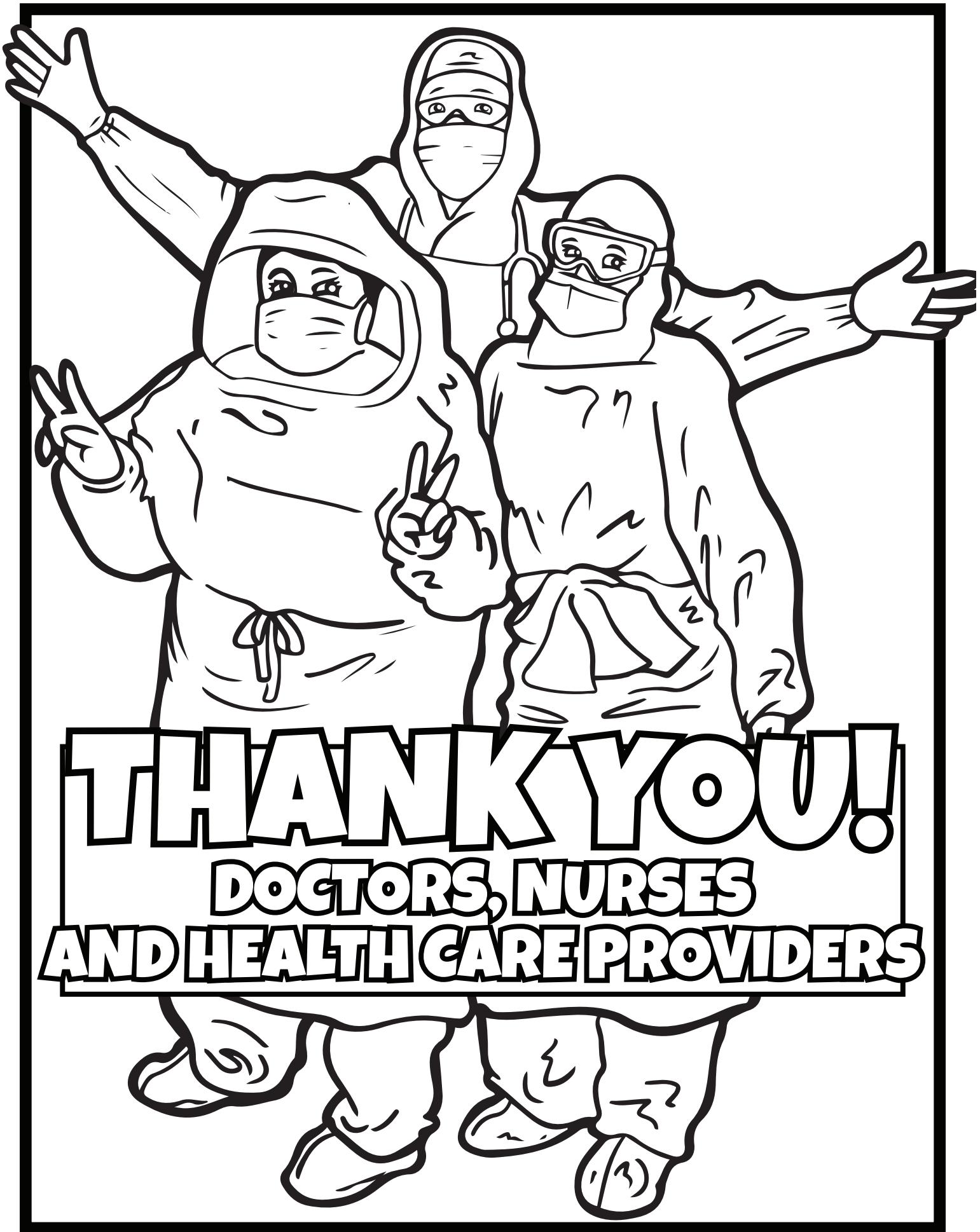
**Your PUD works hard to
keep your energy flowing!
Did you know we trim
trees all year round to
keep branches away from
power lines?**

We're proud to have been your community energy partner since 1949

THANK YOU!

**LINEWORKERS, WATER,
GAS, PHONE, AND ELECTRIC
UTILITY WORKERS.**





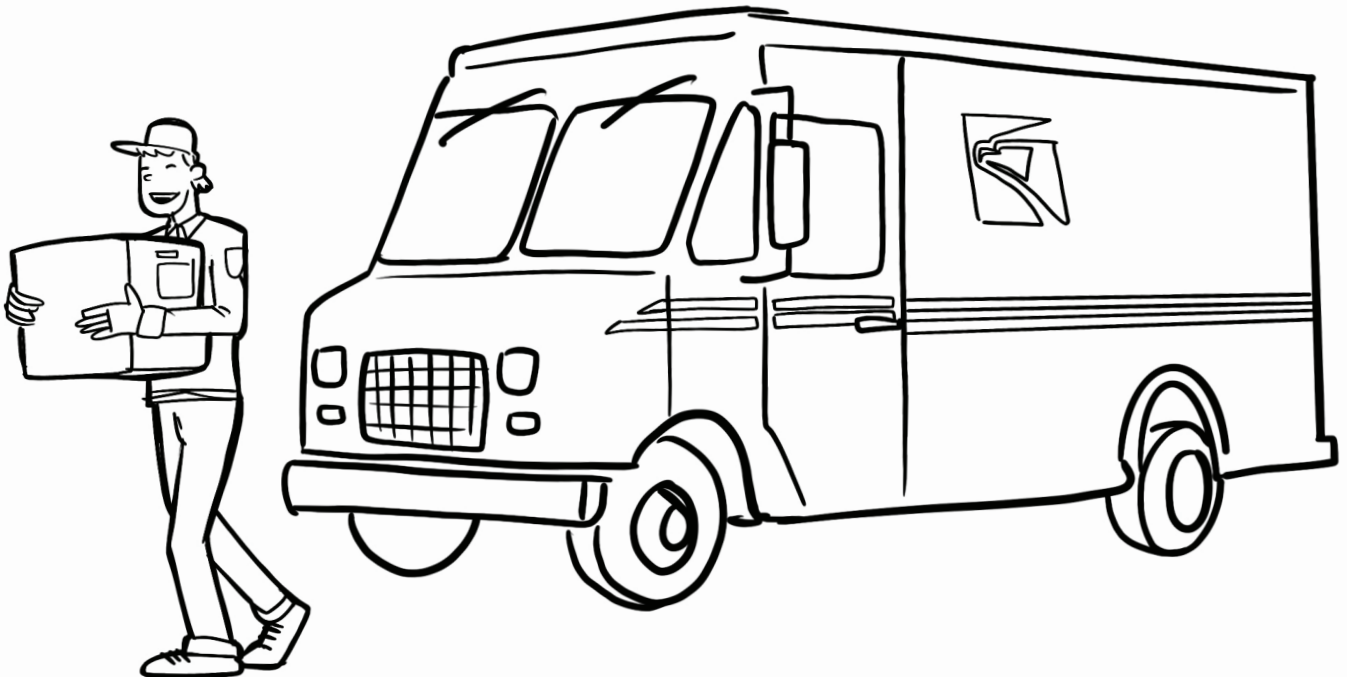
THANK YOU!



**GROCERY
CLERKS**



**FOOD
DELIVERY**



USPS AND PACKAGE DELIVERY

THANK YOU!

POLICE AND FIREFIGHTERS



THANK YOU

SANITATION WORKERS



PUBLIC TRANSPORTATION TEAMS

