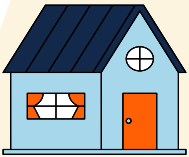


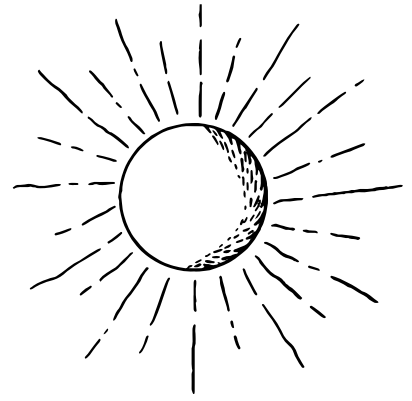
The Sun

Our Solar Helper

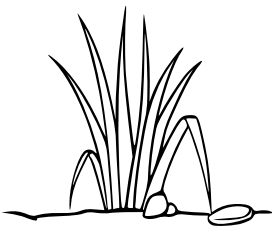
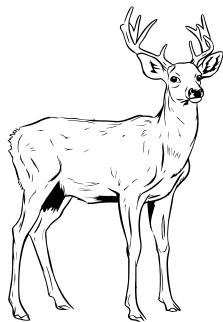


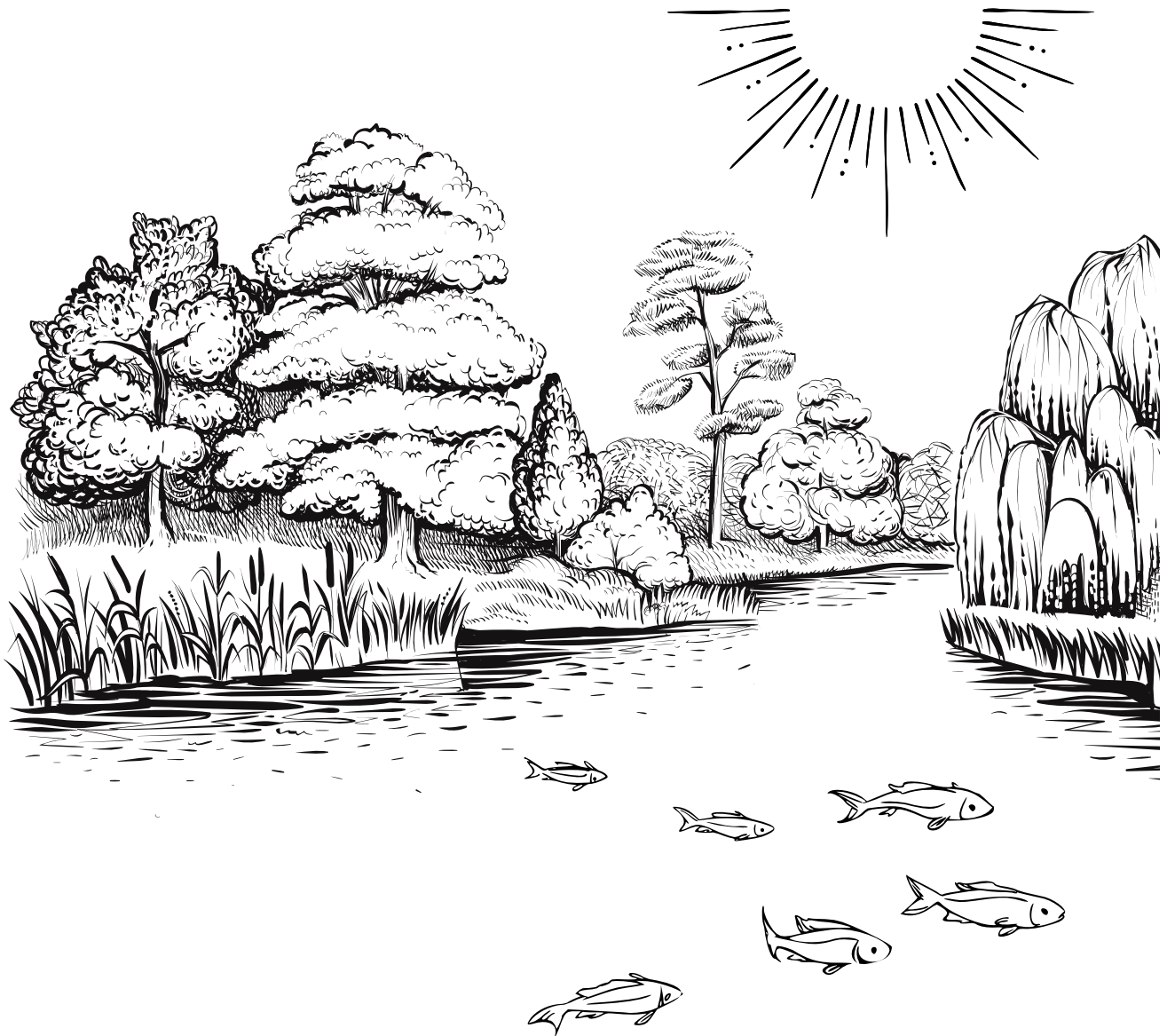
Illinois Extension
UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

earthrise
energy

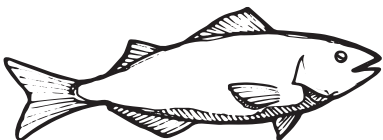


**The sun is the center of our solar system
and provides energy for all living
creatures on Earth.**

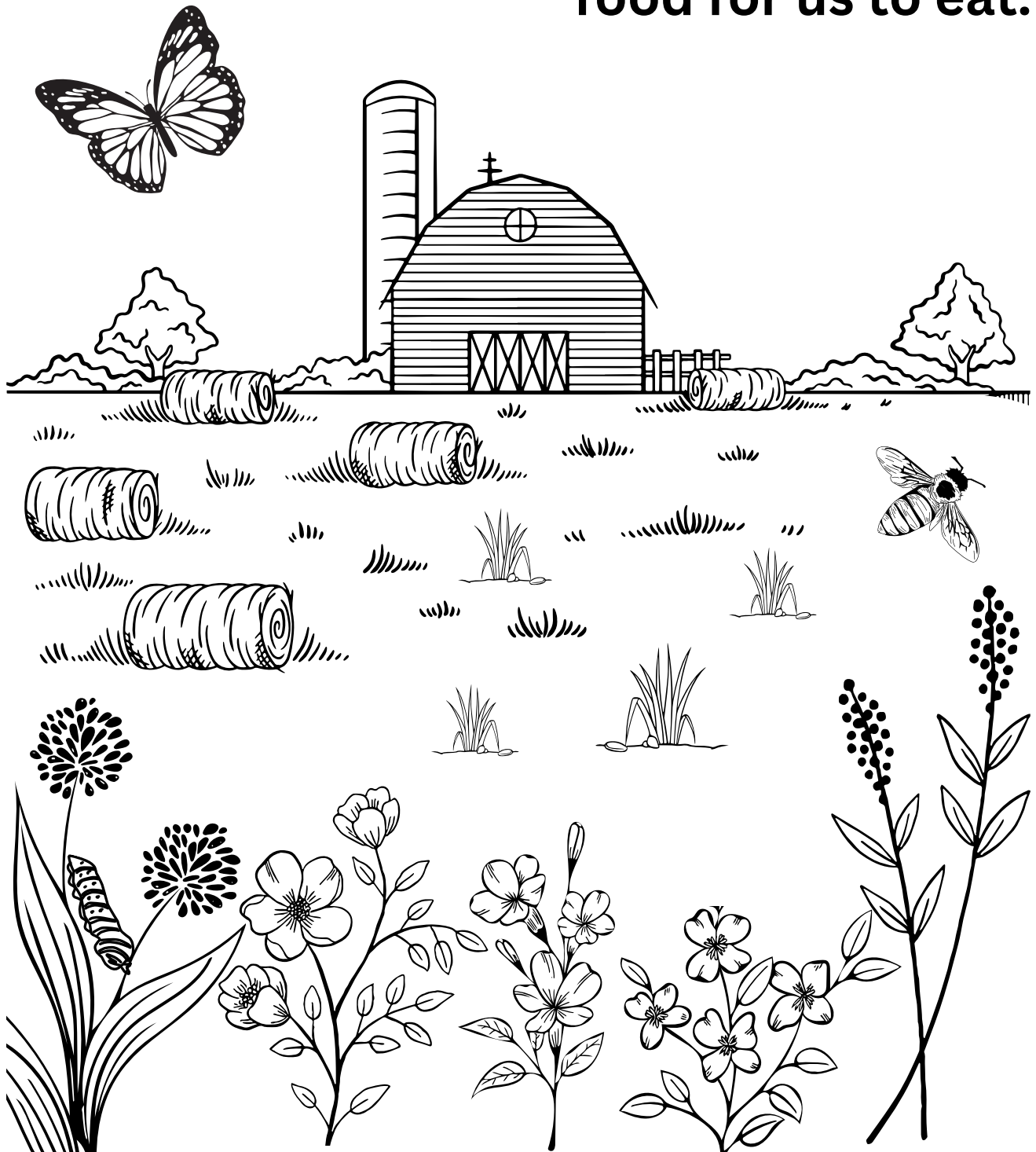


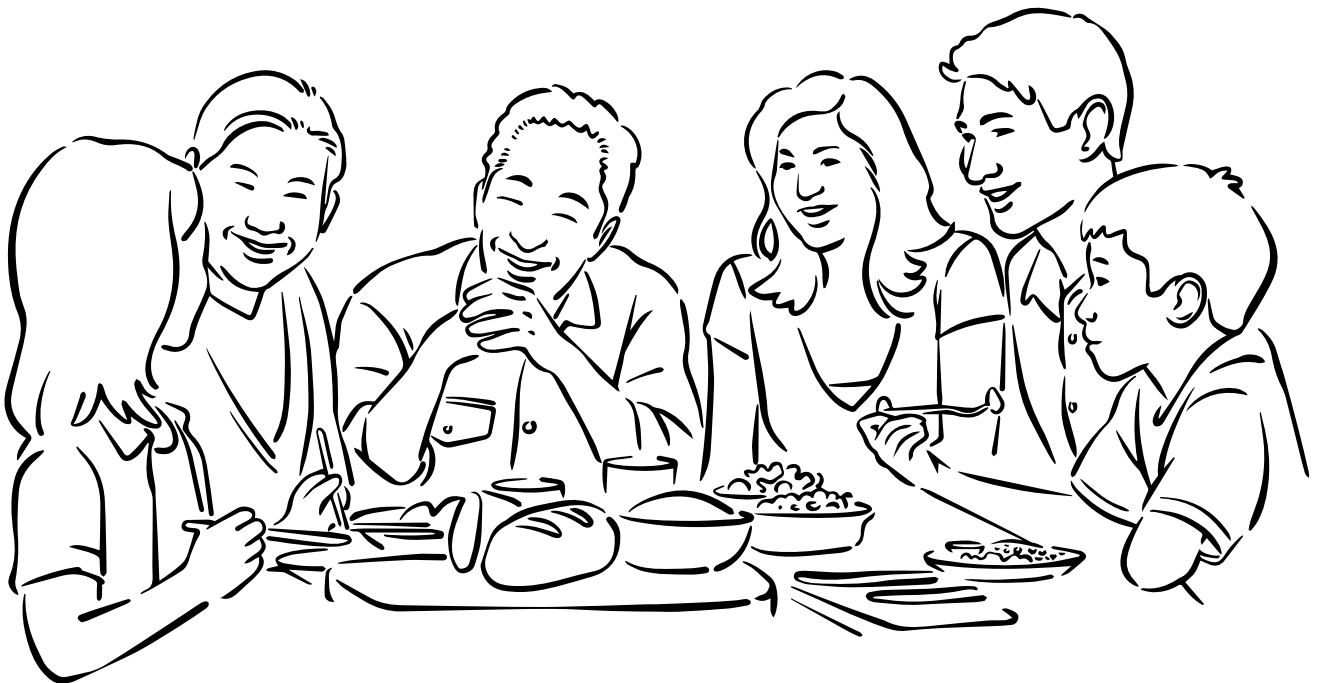
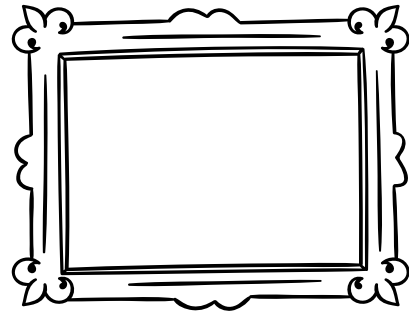
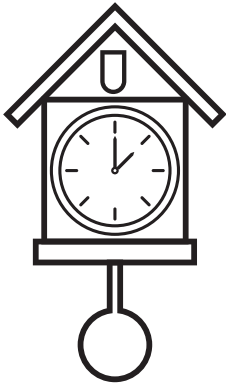


The sun provides warmth and helps water evaporate for the water cycle.

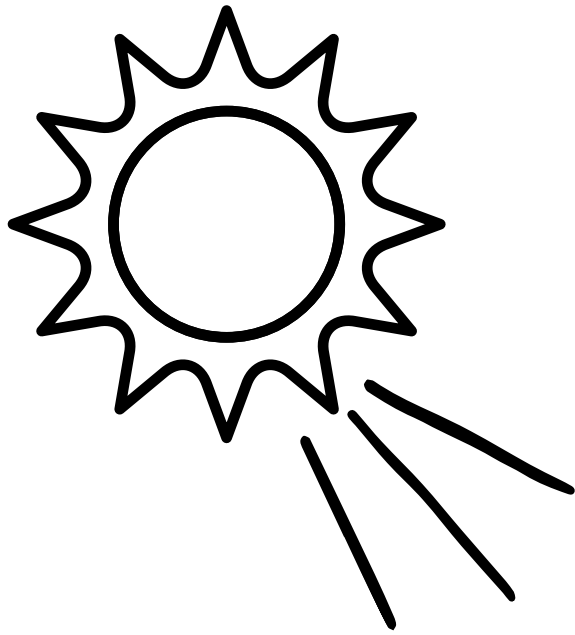


**Plants use the sun's light
for photosynthesis, which gives
plants energy to grow, and provides
food for us to eat.**

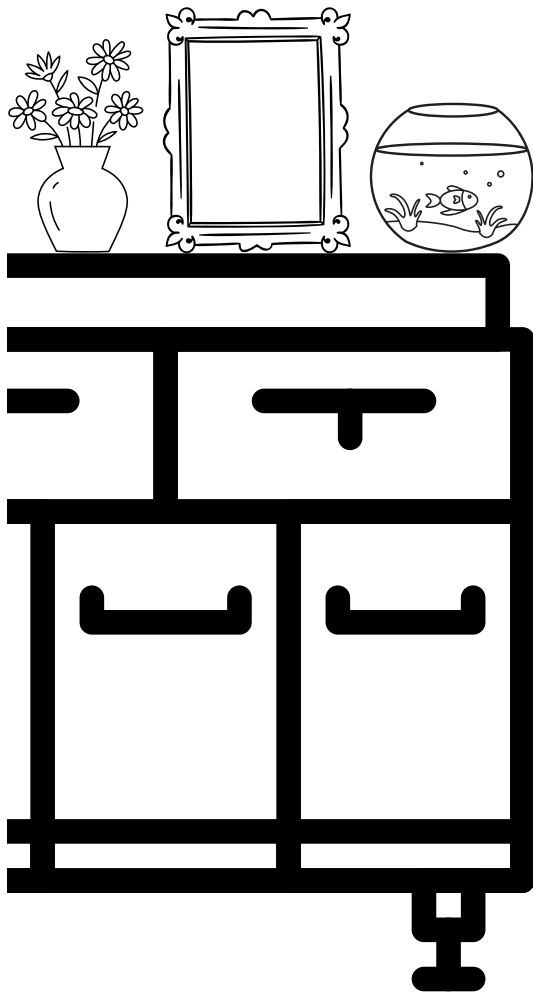


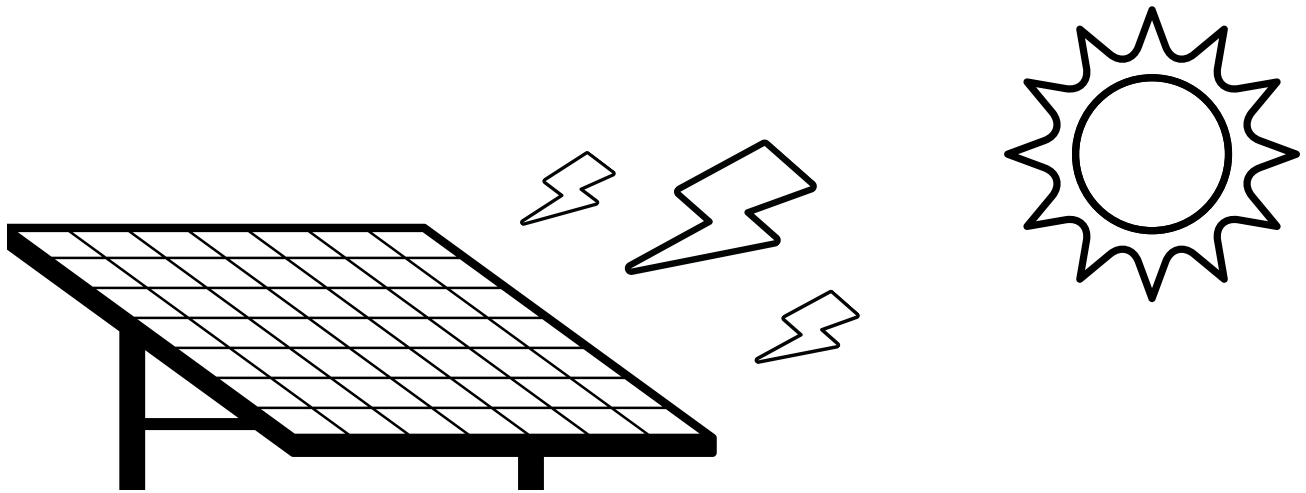


**Humans and animals need
Vitamin D from sunlight to help
build strong bones.**



We can also use the sun to make energy!



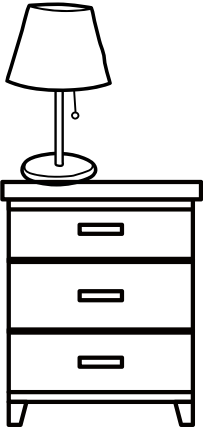
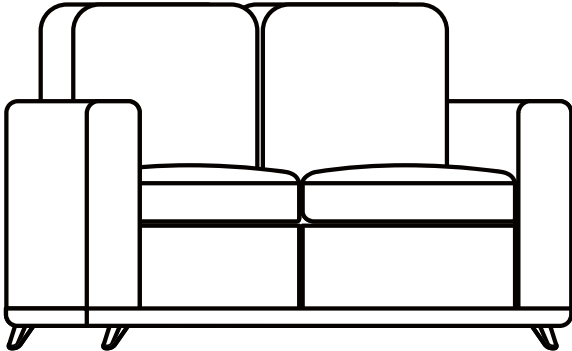


**Sunlight shines
on solar panels, and the
absorbed energy creates
electrical charges.**

**The electric charges help electricity to
flow. Solar panels can provide energy
for homes, schools, and businesses.**

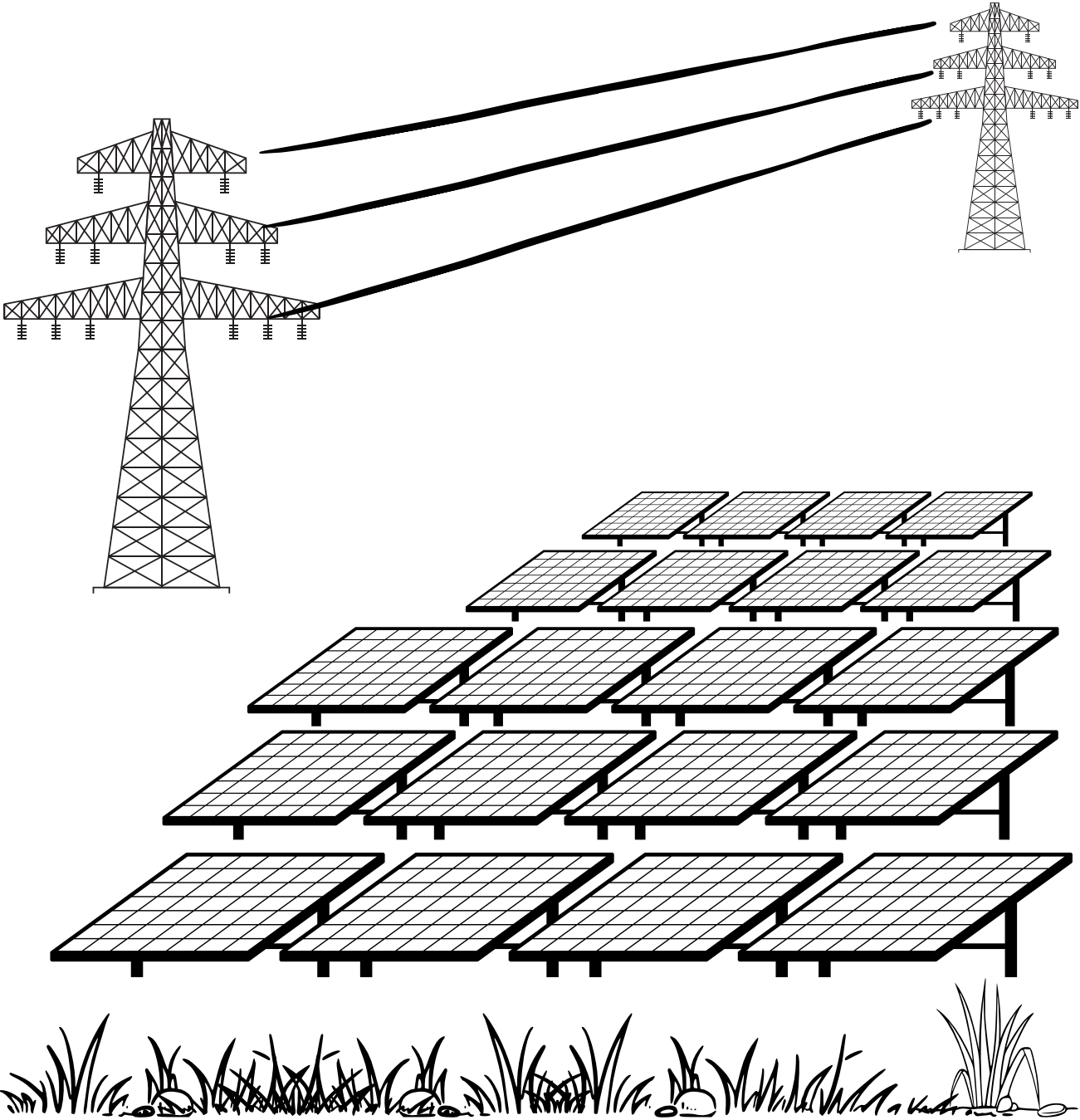


Solar panels can be on roofs and provide energy directly to a building.



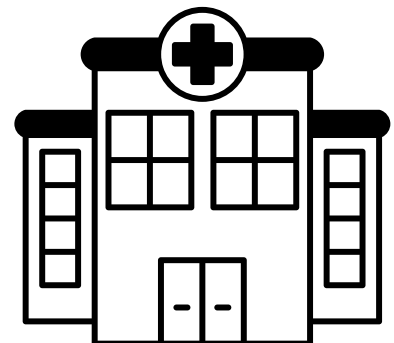
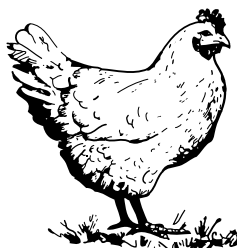
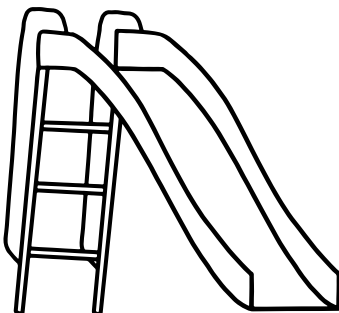
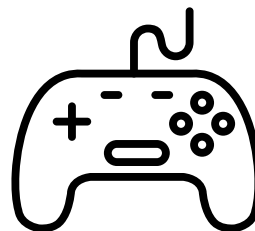
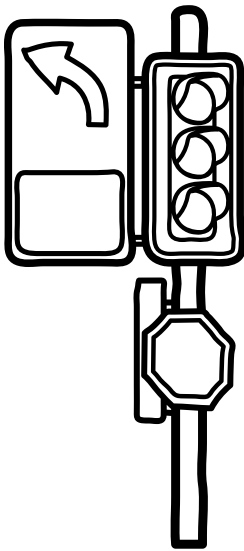
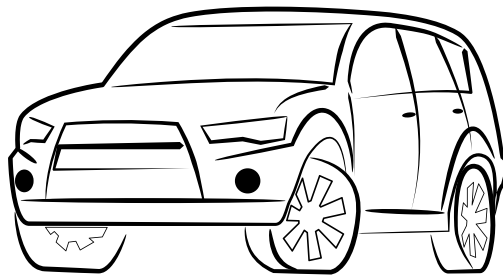
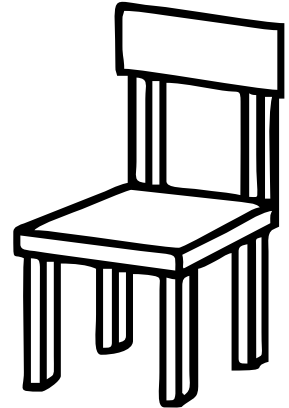
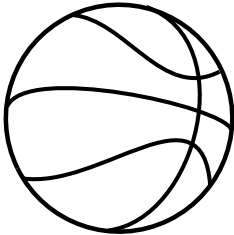
What items in your home use energy?

**Solar panels can also be found in fields
and the energy can be shared with
others across the electric grid.**

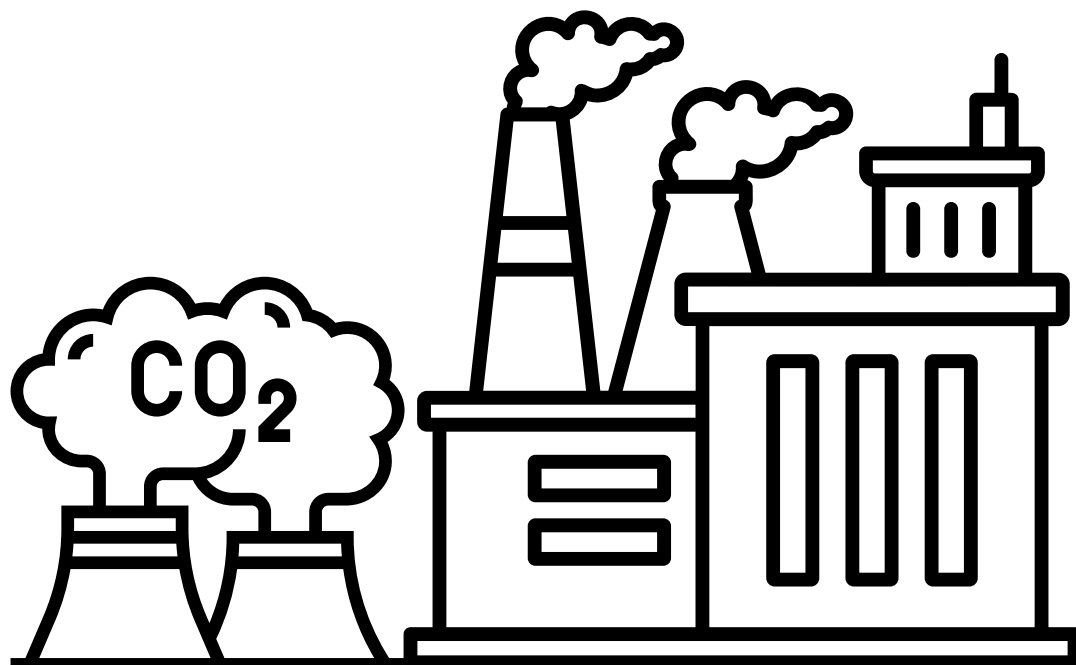
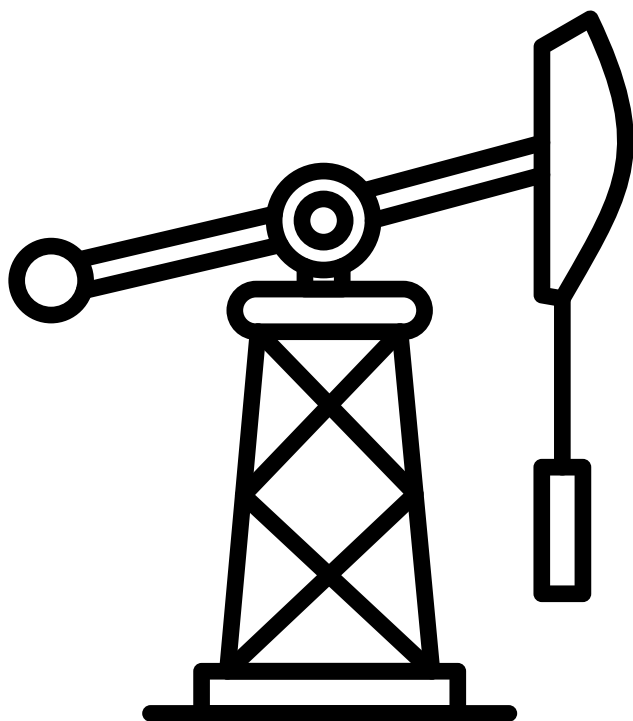


What items in your community need electricity?

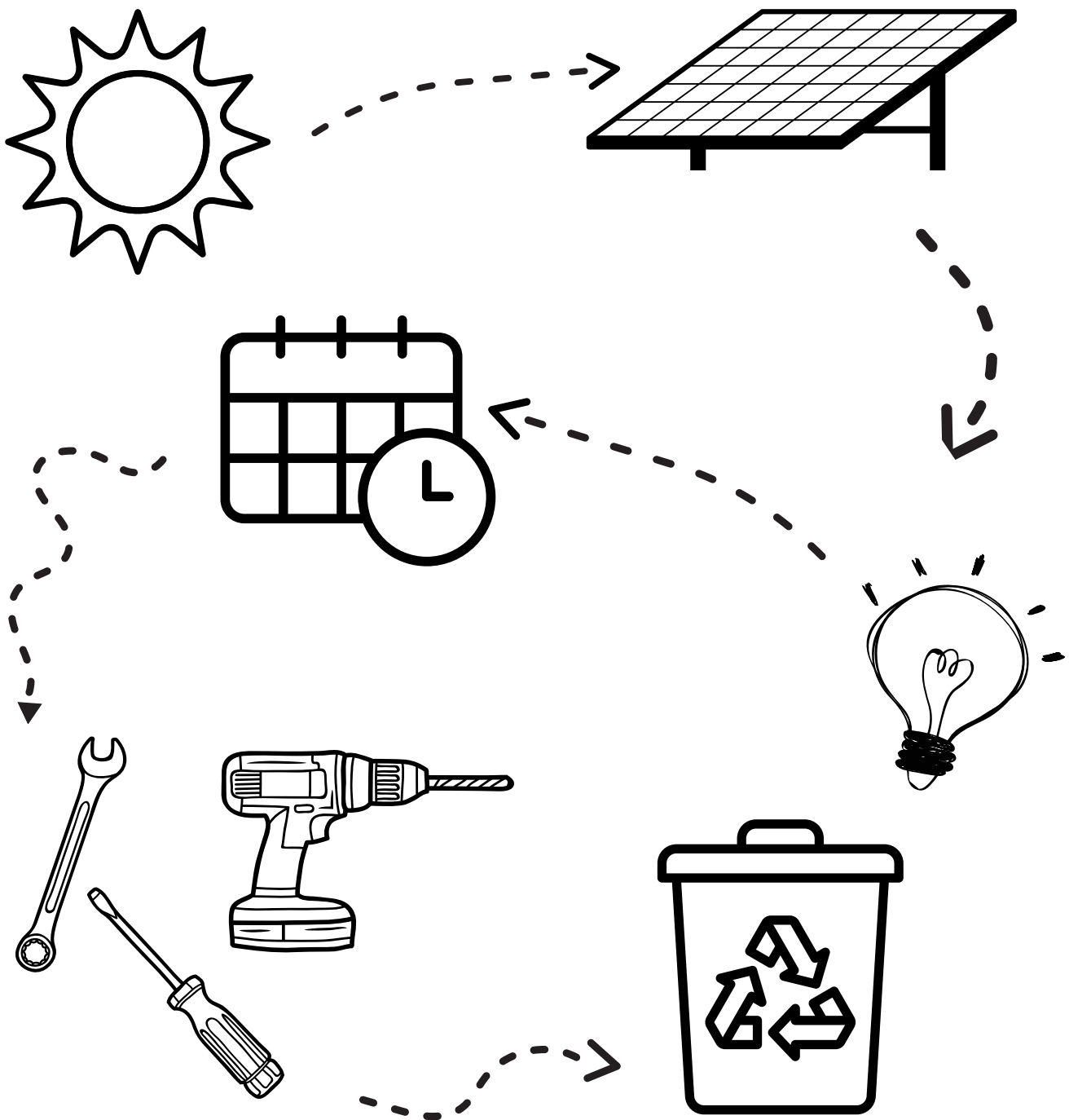
Circle the things that use energy



Solar energy is better for our environment because it keeps our air cleaner and is renewable.



We can harness the sun's energy for electricity with solar panels and then recycle or repurpose the materials when their lifespan is complete.

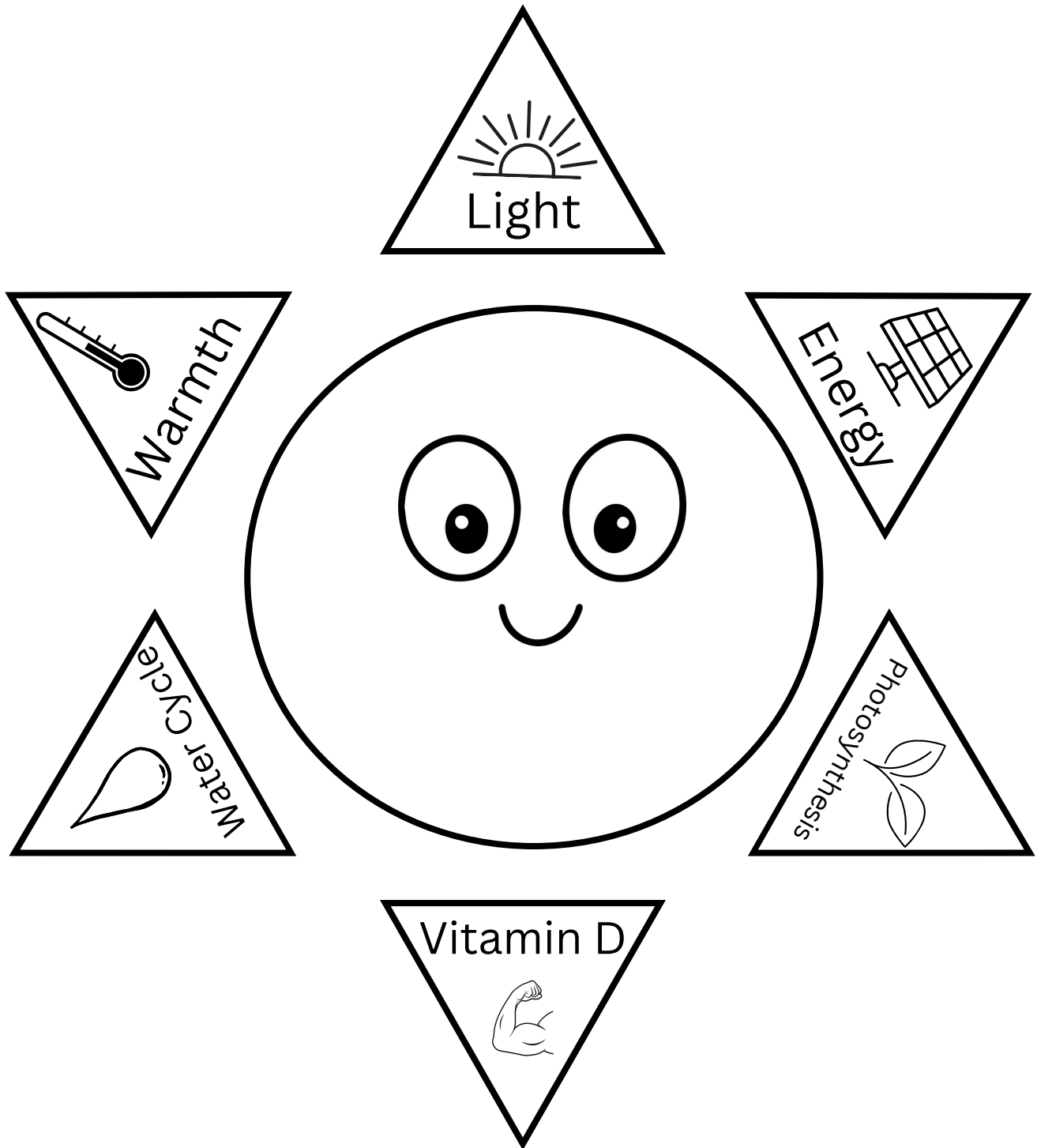


**With solar energy from the sun,
we can have clean energy in our lives
for centuries to come!**



**Draw a picture of what you
like to do on a sunny day!**

The sun is a powerful part of our lives!





Illinois Extension
UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN



College of Agricultural, Consumer and Environmental Sciences
University of Illinois, U.S. Department of Agriculture, Local Extension Councils Cooperating
University of Illinois Extension provides equal opportunities in programs and employment.

©2024 University of Illinois Board of Trustees. For permission to reprint, revise,
or otherwise use, contact extension@illinois.edu.

Illinois Extension leads public outreach for University of Illinois by translating research into
action plans that allow Illinois families, businesses, and community leaders to solve
problems, make informed decisions, and adapt to changes and opportunities.

EarthriseEnergy.com 

Earthrise Energy, PBLLC, is an independent power producer with a mission to reduce
power sector greenhouse gas emissions faster than ever before. The company acquires,
owns, and operates legacy fossil fuel assets and repurposes the transmission infrastructure
for renewable energy development projects, bringing them online faster than typical
greenfield renewable energy projects. Earthrise has 1.7 GW of gas-fired generation capacity
and has a solar development pipeline of more than 1.5 GW.

Explore more of what Extension has to offer

extension.illinois.edu 

