

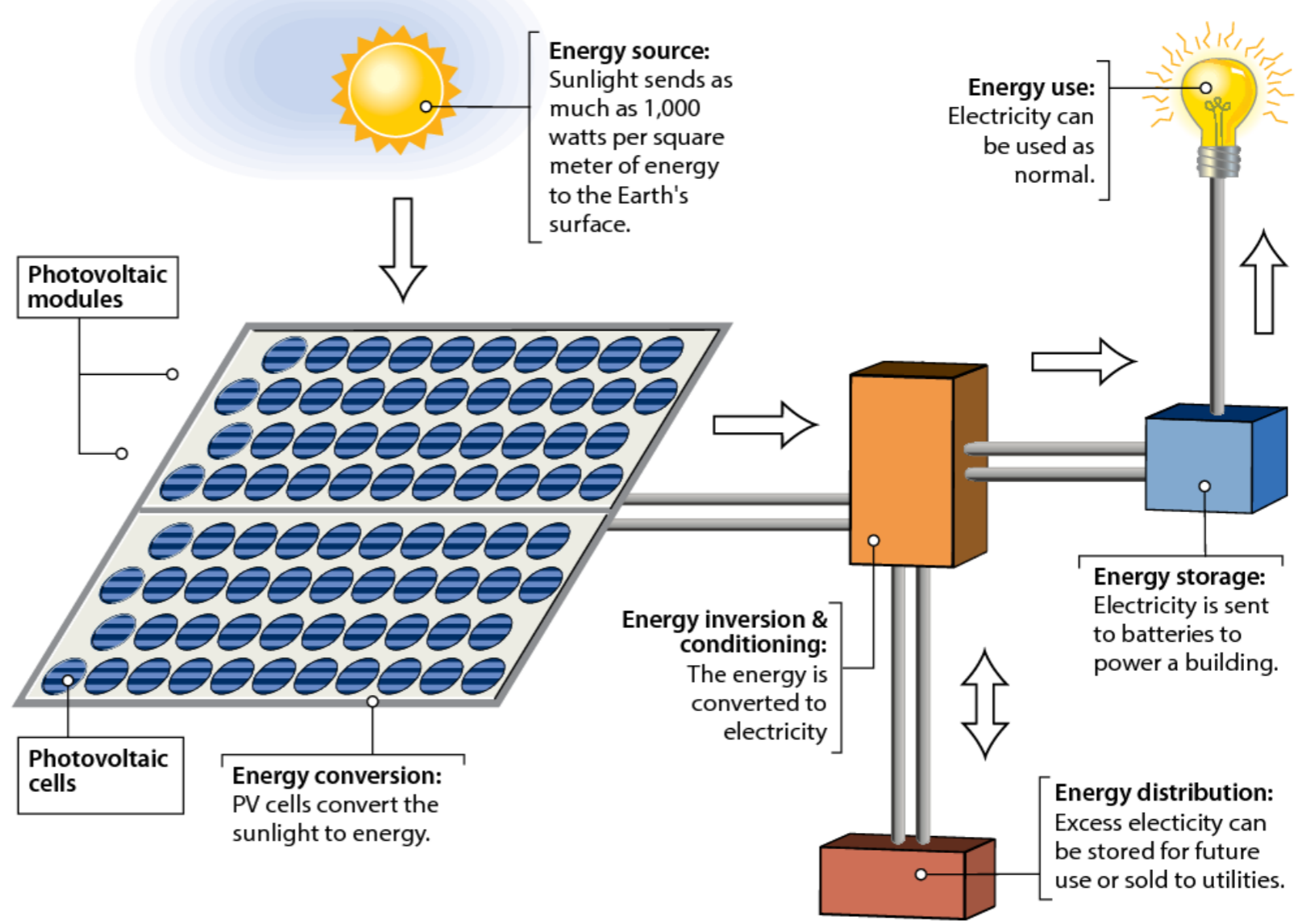
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# Renewable Energy

What sources do we have available to us?

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# How photovoltaic solar panels work



Source: Florida Solar Energy Center

ROCKFORD REGISTER STAR

Lorem Ipsum Dolor

# Solar

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# Solar

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- ❖ Sun will exist for over 4 billion years
- ❖ Photovoltaic: Sun's light is converted into energy and then used as electricity

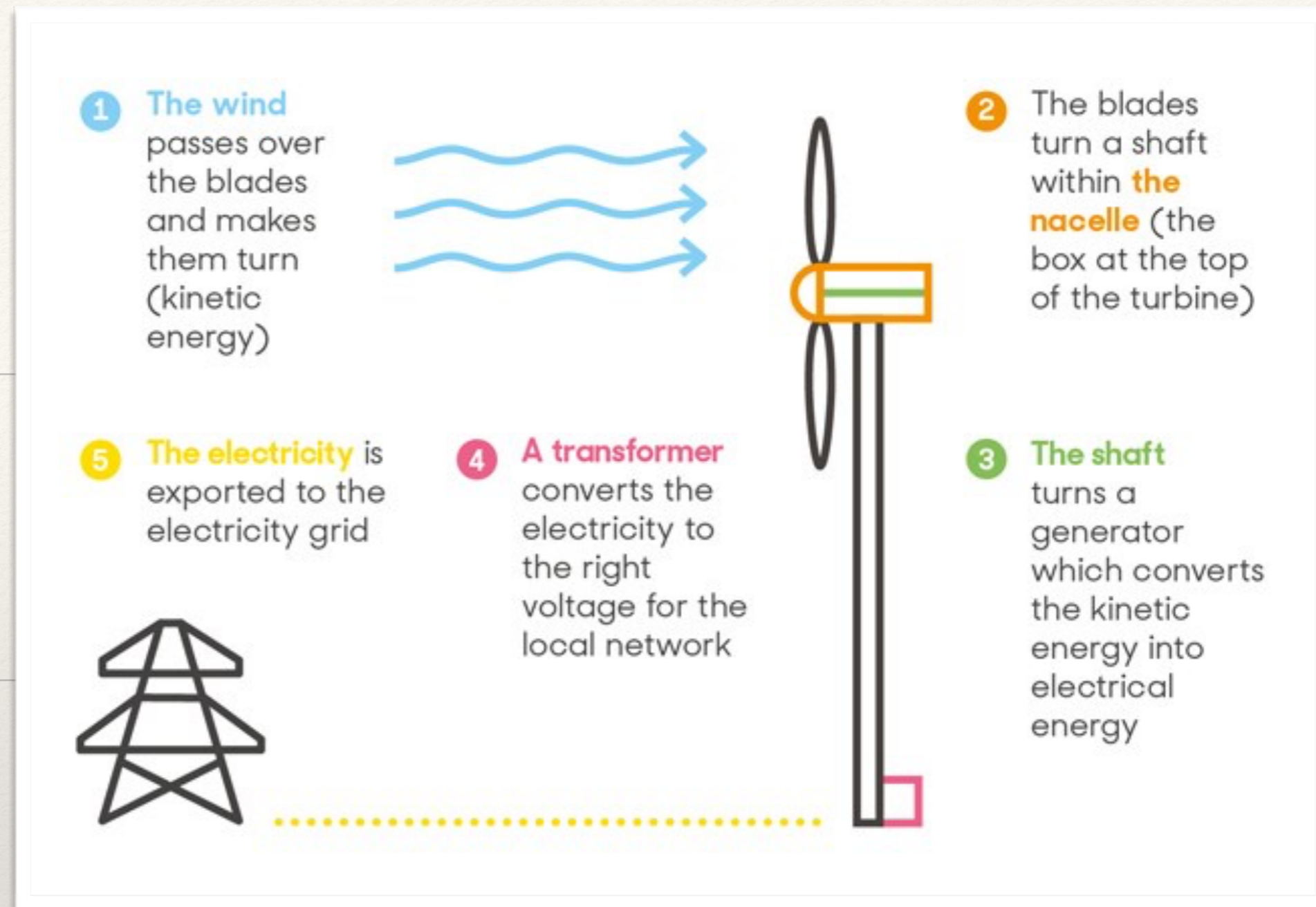
- ❖ Advantages

- ❖ Initial costs are paid back over time by saving money
- ❖ Energy can effectively be stored

## ❖ Disadvantages

- ❖ Access to energy drops when the Sun is not present or blocked
- ❖ Panels need to be placed in a specific way to be efficient
- ❖ Batteries to store energy are expensive

*Lorem Ipsum Dolor*



# Wind Power

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# Wind Power

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- ❖ Relies on wind to turn a turbine, running a generator

- ❖ Advantages

- ❖ Can make minimal impact on land (environment)

- ❖ Wind is a constant



- ❖ Disadvantages

- ❖ The most efficient places to build these wind turbines are far from areas that will benefit most
- ❖ Wind varies