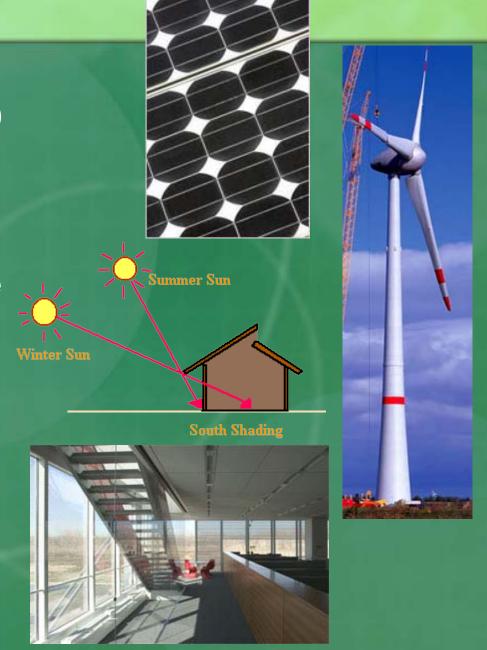


Create Power on Site

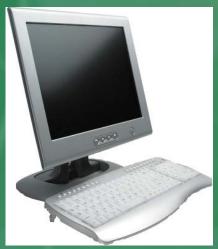
- Active Solar PV (Photovoltaic)
 Panels convert sunlight into electricity.
- Wind Power When the wind blows, the blades spin a turbine which generates electricity.
- Passive Solar Heating –Light shines through south facing windows and warms the inside space.
- Daylighting Use outside light instead of turning on lights.



Efficient Use of Power

- Lights CFLs (spiral bulbs) use ¼
 the energy of incandescent lights
 (regular bulbs).
- Computers putting computers, speakers and monitors on a power strip that you can turn off saves energy when you are not using it.
- Air Conditioning and Heating power is needed to run a fan that blows air into the space and to power the heating and cooling device. Very efficient models are available.



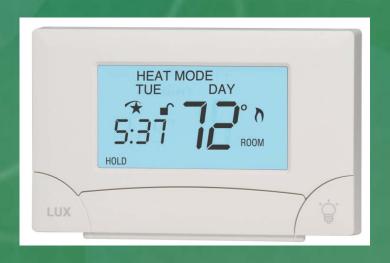




Monitor and Controls

- ❖ Smart Meter
 - Tracks the total amount of power being used and communicates with the utility.
 - Allows extra energy to flow into the grid. The utility will use your extra power and pay you \$\$\$ for it.
- Programmable thermostat
 - Allows temperature to adjust when occupants are not in room. Saves heating and cooling energy.





Water Conservation

- Water storage tank rain water that hits the roof is collected and stored to water plants or even to flush toilets
- Xeriscape Using native plants or lawn features that do not require much or any watering.



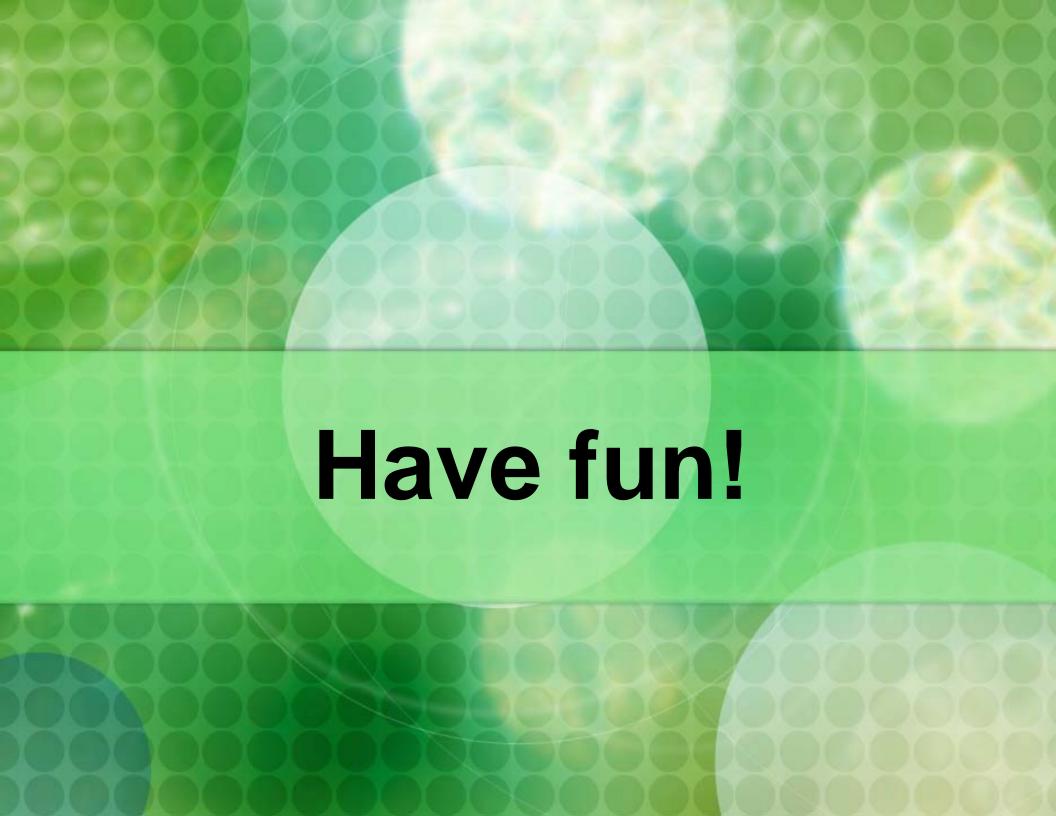


Reducing Waste

- Recycle paper, bottles, cans and other items can be recycled instead of being put in the trash can and ending up buried in the ground.
- Compost Food scraps can be put in a compost pile where they will decompose. Compost makes nutritious soil for plants.







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