E³A Energy Action Pyramid for Home, Farm and Ranch

E³A

Exploring Energy Efficiency and Alternatives

Complexity and Cost

ALTERNATIVE ENERGY

- Choices such as installing Solar, Wind, Geothermal, or Biofuels Systems.

EFFICIENCY: Investment in Longer Term Energy Savings

Choices such as:

- Install energy-efficient lighting, fixtures, windows, doors and appliances/equipment.
- Install water-efficient irrigation equipment, appliances and fixtures.
- Invest in Energy Star, EnergyGuide or WaterSense labels.
- Use timers to regulate fans, lights or other equipment
- Insulate structures

CONSERVATION: Simple Everyday Actions

- Turn off lights, equipment, fans and appliances when not in use.
- Adjust thermostats in heated or cooled spaces.
- Use powerstrips for turning off phantom electrical loads.
- Caulk and use weatherstriping around windows and doors.
- Fix water leaks.
- Landscape with native and xeric plants, and utilize rain water.

ASSESSMENT

- Assess your personal objectives and your current energy and water use to determine cost-effective strategies for implementing conservation and efficiency measures and integrating renewable energy systems.