

STEPS TOWARDS A MORE SUSTAINABLE HOUSE

1

STARTING POINT

- Look at your electricity consumption
- Research your options
- Define a budget

2

MINIMIZE LOADS

- Solar orientation
- Shade windows
- Shade with landscaping
- Roof insulation
- Roof color
- Attic duct insulation
- Dual panel low-e windows



3

EFFICIENT EQUIPMENT

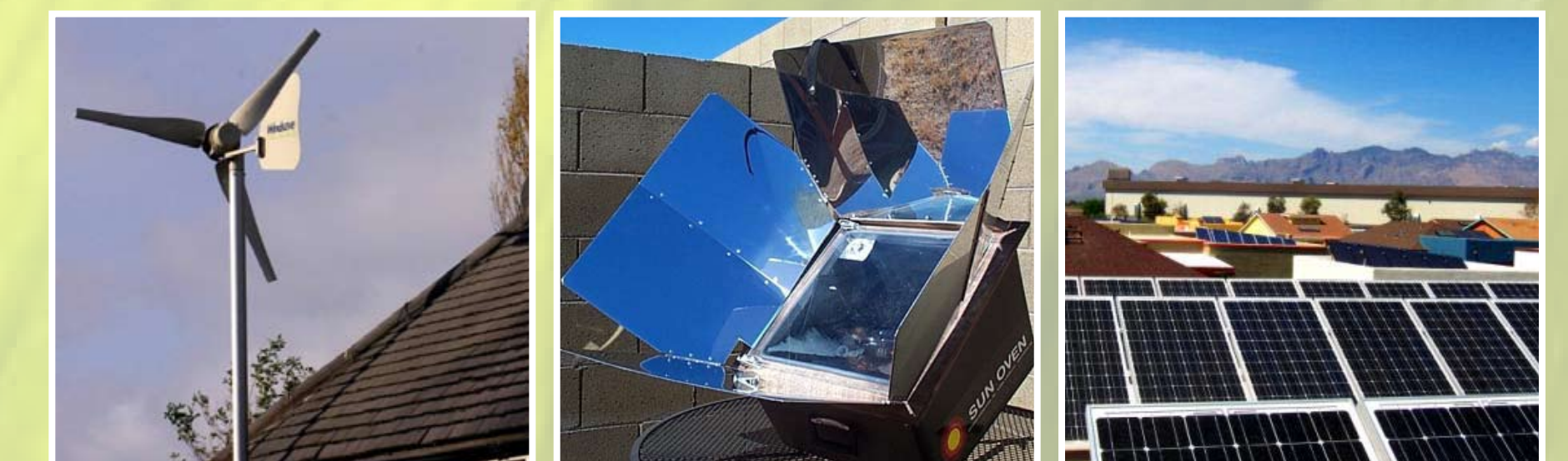
- High-efficiency HVAC system
- Energy Star appliances
- Compact fluorescent lights (CFL's)
- Variable speed pool pump
- Recirculating hot water pump
- Programmable thermostat
- Ceiling fan



4

USE RENEWABLE SOURCES

- Solar hot water
- Solar cooker / oven
- Solar electric (Photovoltaic system)
- Mini wind turbine



ENVIRONMENTAL BENEFIT

Carbon footprint (equivalent tree acres of pine forest to sequester CO2 emissions from electricity generation), using US EPA green house gas equivalencies calculator



15,500 KWH



9,000 KWH



6,000 KWH



1,500 KWH