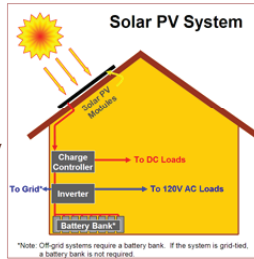


**SolarTerra Systems Design and Installation\* Services include:**

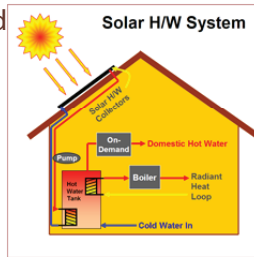
**Solar PV and Wind Generation Power Systems –**

Size and install generation and storage capacity based on your site's available solar and wind energy and assist with processing rebates and tax credits



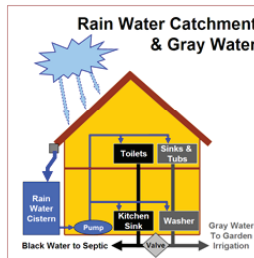
**Solar Hot-water Systems –**

Size and install heating and storage capacity based on your site's available solar energy and assist with processing rebates and tax credits



**Rainwater Catchment Systems –**

Size and install rain catchment and storage capacity based on your site's annual precipitation patterns and amounts



**Grey water Systems –**

Plumb your grey water fixtures separate from black water fixtures to use grey water for garden irrigation

*\* We partner with local expert contractors for installation*

**SolarTerra Consulting Services include:**

**On and Off-Site Project Consulting –**

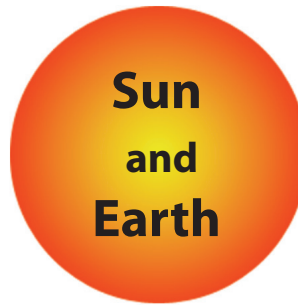
Including systems and construction advice, green product selection and sourcing, and green certification program qualification

**Education and Training –**



SolarTerra Design LLC  
7709 W Painted Rock Trail  
Williams, AZ 86046

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www.solarterra.com



Architecture 2030  
Challenge Adopter



USGBC and Northern  
AZ Branch Member



**Sustainable Architectural and Systems Design**

- Solar-Efficient & Resource-Efficient Custom Home Design**
- Solar PV, Solar Hot Water and Rainwater Catchment Design and Installation\***
- Consulting and Education**



Innovative Homes  
that are  
Energy-Efficient,  
Comfortable and Durable



# Sustainable Architectural and Systems Design

Our homes are designed to be solar-efficient and resource-efficient in addition to being energy-efficient. We use site orientation, roof overhangs, natural ventilation and balance direct solar glazing with interior thermal mass for effective winter heating and summer cooling.

Our architectural design services, including the integration of sustainable building materials and systems, are tailored to meet the specific requirements of *your* site and *your* home.

We work with you to blend architectural aesthetics, time-tested “home patterns”, your lifestyle needs and your personal tastes into your home design.

We can recommend and partner with local builders and will work with them throughout the design, permit approval and construction phases of your project. By being engaged with you and your builder, we can take advantage of everyone’s expertise so that your home will perform as designed and be well-constructed, durable, and require little maintenance.

We take pride in our designs and project relationships and look forward to working with you on your new home.



**Incorporating passive solar design principles into your home usually does not increase construction costs - and it ALWAYS reduces energy use and increases comfort!**



2009 Project near Flagstaff, Arizona

## SolarTerra Architectural Design Services include:

- **Architectural Design** – Incorporate solar, resource and energy-efficient design elements into your home and take advantage of your site’s potential, your creativity and your lifestyle
- **Involvement** – Stay engaged with your project throughout the design and construction phases to minimize surprises and take advantage of the entire team’s expertise
- **Drafting** – Draft a complete architectural drawing set for building permit issuance, contractor bidding and home construction
- **Home & Systems Manual** – Provide a comprehensive “Home & Systems Manual” when your home is completed
- **Certification** – Provide guidance for Energy Star, LEED, NAHB and/or Coconino County Sustainable Building Program certifications

*We invite you to contact us to learn more about our design services and work with us in the design of your new home!*