



Solar Hot Water or Solar Thermal:

Solar water heating technology has been in existence for many years. Earliest forms of heating water with sunlight consisted of extremely simplistic designs. Modern systems remain straightforward but with increased efficiency. Whether used to heat your home or your shower, solar water heating has proven to be a long-lasting and dependable form of renewable energy.

Most solar thermal systems rely on the heating of an organic liquid call glycol. Once the glycol runs through the solar collectors and is heated by the sun, its heat is transferred through a heat exchanger to a solar hot water storage tank. That hot water can be used for radiant heating or domestic hot water uses.

There are many ways to incorporate a solar thermal system into the energy plan for your home. Whether you are building a new structure or replacing aging equipment, a consultation with a renewable energy consultant will enable you understand the many options available to you and help you to narrow down the choices that will work best for your needs.