Earth Tools

SUSTAINABLE SYSTEMS DIVISION

Earth Tools is excited to introduce our new ***Sustainable Systems*** Division, specializing in Alternative Energy / High Efficiency systems & design. This is a ***REGIONAL*** division, so at this time, we are limiting our "range of operations" to a 125-mile radius around Owenton, KY.

Products / Services Offered:

- System design, Sales and installation of Solar PV systems (grid-tied or off-grid)
- System design, Sales and installation of Solar water heating systems
- System design, Sales and installation of Solar PV-powered irrigation systems & rainwater catchment
- Electrical load and utility bill analysis for sizing off-grid and grid-tied solar PV systems.
- On-site assessments for solar electric and solar hot water system feasibility.
- Energy and water conservation assessments for residences, farms, hotels, and other commercial facilities.
- Passive solar and sustainable building design and consulting.

Our areas of experience include:

-- Off-grid and grid-tied solar electric (photovoltaic) systems.
-- Solar water heating systems.
-- Green building design and construction.
-- Energy conservation and super-energy-efficient design and construction.
-- SIP construction (Structural Insulation Panels).
-- Passive solar heating and cooling.
-- Composting toilets.
-- Solar cooking.
-- Rainwater harvesting.
-- Organic gardening and farming.
-- High tunnel (hoop house) construction (for winter vegetable production).
-- Hotel energy and water conservation.

We are pleased to introduce Andy McDonald as the Director of this division of Earth Tools. Andy is a graduate of Slippery Rock University of PA with a degree in Sustainable Systems design, and he was director of the Kentucky Solar Partnership from 2004 to 2013. He has many years of experience working and living with sustainable energy systems. Andy can be reached through Earth Tools at 502-484-3988 or at andy.earthtools@gmail.com