## Solar Electric Systems Seminar

June 15 – 19, 2020

Offgrid Tech is offering a one-week seminar to prepare you to understand, select components, set up and maintain a solar electric system. You will learn about PV panels, solar electric batteries, charge controllers, inverters, fuse and breaker boxes, grounding, surge protection and basic household wiring. The seminar will also cover the most efficient types of lighting, fans, kitchen appliances and pumps for use on these systems. This seminar is for those who have never outfitted a house with a solar electric system or who need a better understanding of the system they have (beginner to intermediate).

**Times**: 8:00 am to 5:00 pm daily, 8:00 am to noon Friday. Includes 22 hours of presentation / discussion and 15 hours of hands-on labs with optional labs available on Friday afternoon.

**Location**: Ethnos360 (formerly New Tribes Mission) Missionary Training Center, 361 Main Drive, Roach, Missouri 65787

(just west of Camdenton on beautiful Lake of the Ozarks)

**Lodging:** Rooms on campus ½ mile from the classroom.

## **5 Days / \$475**

**Cost**: \$475 which includes 6 nights lodging (Sunday night through Saturday morning), continental breakfast and lunch (Monday-Friday), lab costs, a digital multi-meter, "Tech Tips for Living in Remote Locations" digital textbook and digital copies of all presentations.

**Deposit:** Reservations secured with \$100 non-refundable deposit no later than May 31, 2020. Training is limited to first 20 registrants/deposits. A discounted early bird registration is also available if full payment is received prior to April 15, 2020. Contact us for information and registration forms.

Offgrid Tech has been outfitting missionaries with solar electric systems since 1976. All our staff have overseas missionary experience and are familiar with the needs of those on the field and the equipment best suited for these applications. We have been an integral part of Ethnos360's training since 1990. We have expertise in solar electric systems, AC and DC equipment, water purification, LP gas, plumbing, water pumping, etc. Offgrid Tech also publishes "Tech Tips for Living in Remote Locations" which is in its 8<sup>th</sup> edition and covers all these areas of technology. We manufacture and customize equipment for missionary living and also provide email, telephone and in-person consultation. At times, we are able to setup and upgrade installations on location.

If you need more information, contact us at support@offgridtech.org or call 573-317-8683.

