

## RENEWABLE ENERGY FOR OFF THE BEATEN TRACK

Off-Grid systems are suitable for remote areas where there is good solar resource and utility power is not available or prohibitively expensive.

Solar panel placement is particularly important for off-grid applications as maximizing energy production is essential.

Days of Autonomy – the number of days you can run on your battery system before they need to be recharged. This along with a load calculation determines the size of the battery bank.

Designing your off-grid home to minimize the electrical loads can significantly reduce the cost of your off-grid power system. (ex. LED light bulbs, propane fridge etc.)

Viridian Energy Co-operative dba Viridian Solar; a Vancouver Island Worker Co-operative, licensed and bonded electrical contractor #22258.

