

an ETG Brand

GENERATING CLEAN ELECTRONS GT-1500 GENERATING CLEAN ELECTRONS TECHNOLOGY PROGRAM

The GT-1500 Clean Electron Generation Panel provides students an introductory hands-on interactive experience with the 3 leading sources of alternative energy generation technologies.

Basic Wind Turbine Operation
 Installing and testing a wind turbine.

**Off-Grid Wind Turbine Systems** Configuring and testing off-grid installations.

**Wind Power System Design**Design/create a wind turbine

Basic Solar Power Operation
 Installing, combining and testing solar panels.

**Advanced Solar Panel Systems** Configuring, testing and operating off-grid solar installations.

**Solar Power System Design** Design/create a solar charging system for portable hand-held devices.

Basic Fuel Cell Operation
 Connecting a fuel cell for electrical generation

Advanced Fuel Cell Operations

Configuring, testing and operating off-grid fuel cell installations.

## Adding a Fuel Cell to an Alternative Power System

Connecting a fuel cell into alternative energy systems for off-grid operations.

 Combining Wind and Solar Power Systems

Configuring and testing combined alternative energy systems for off-grid operations.

**Reinforced with Hands-on Labs** 





