

TYPE OF PLANT: STAND-ALONE PHOTOVOLTAIC SYSTEM

Place: n. 5 seismological sites – Italy

Use: supply of seismological control systems and telemetry

Power of the photovoltaic array of each system: 480Wp (total power: 2400Wp)

Regulator of each system: 2x30A (redundant system)

Batteries of each system: 5.1kW (total power: 25.5kW)

Description of the plants: all the photovoltaic arrays are installed on the ground. The batteries and the regulator are put in an underground cement pit. The photovoltaic plants grant the supply of the seismological devices and of the data satellite transmission systems.
Year of installation: 2005.

