

TYPE OF PLANT: STAND-ALONE PHOTOVOLTAIC SYSTEM

Place: n. 5 systems MS1 and n. 12 systems S1 in the mountains in Friuli Venezia Giulia – Italy

Use: supply of radio stations – Italian Civil Protection

Power of the photovoltaic array: 2500Wp (MS1) – 1500Wp (S1)

Regulator of each system: 2x140A (redundant system)

Batteries of each system: 56kW (MS1) – 28kW (S1)

Plants description: the systems are divided into “Master Station” (MS1) and “Station” (S1). All the photovoltaic arrays are installed on the ground. The batteries and the regulator are put in an insulated shelter. The systems grant the supply of data transmission devices for the Italian Civil Protection.

Year of installation: 2006

SITE n. 3



SHELTER AND STRUCTURES



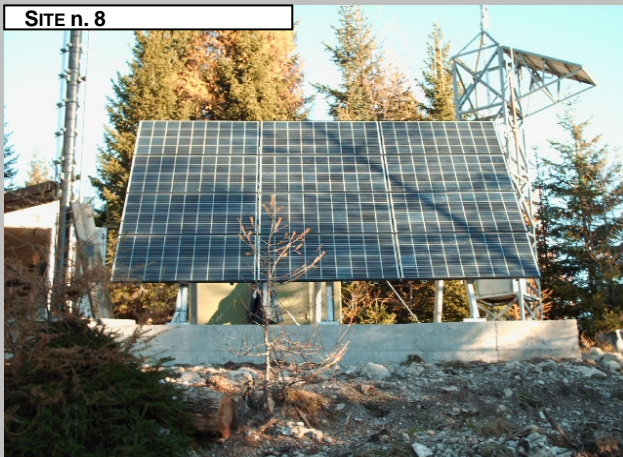
BATTERIES



REGULATORS



SITE n. 8



SITE n. 12

