

Installation of Stand-Alone Solar Systems in Water Pumps Stations

The Organization for the Development of Crete S.A. (O.A.K. S.A.). moved on the installation of stand-alone solar systems in the its self-owned Tzivara water pump station in the region of Apokoronas. The photovoltaic panels were installed on the roof of the water tank and the produced energy is driven to operate off-grid water pumps.

The specific project (***“INSTALLATION OF PHOTOVOLTAIC SYSTEMS IN WATER TANKS OF O.A.K SA AND AUTONOMOUS OPERATION OF WATER PUMPS”***), with a total budget of 558.906,05 €, was co-financed from the European Economic Area (EEA) and the Public Investment Program.

The initial targets regarding the integration of Renewable Energy Sources systems in the water tank are estimated to be:

- Total RES production of 189,55 MWh/year,
- CO₂ emissions reduction of 144,10 tn/year

The relevant video is available at: <https://www.youtube.com/watch?v=iPHw2IIrnWA>

Indicative photos of the Project are given below:





