



Green+

NER300

The project

Technology category: Smart grids

Location: Mountainous areas of Nicosia and Limassol districts, Cyprus

Max. NER 300 funding: EUR 11.1 million

Final investment decision: June 2018 (estimated)

Entry into operation: June 2020

Project sponsor

Electricity Authority of Cyprus (EAC)

Project summary

Green+ is an innovation demonstration project in commercial scale aiming to upgrade the distribution network with smart technologies towards more efficient, technically and financially, integration of distributed Renewable Energy Sources (RES) generation.

The Project's ultimate target is to verify the new technologies as enablers of increased penetration of RES in the distribution network, and become the paradigm and model of the futures' grid and services towards the maximum exploitation of the RES potential, setting Cyprus is a sustainable development orbit.

The Project's Geographical Area (PGA) is the mountainous areas of Nicosia and Limassol districts, where effective penetration of 70MW RES will be persuaded, and predominantly photovoltaic (PV) energy.

Main Project's actions are: the implementation of advanced microgrid architecture to optimize produced and consumed energy, aided by electrical energy storage systems, an Advanced Metering Infrastructure (AMI) system, and Demand Side Management practices and technologies.