

FERROTIN VINEYARD FRANCE

ROOFTOP SOLAR SYSTEM

- Solar installation helps pay for investment in wine storage facility
- Building generates more electricity than it consumes
- Installation feeds renewable energy onto the French grid

36
kW SYSTEM
SIZE

42
MWh ANNUAL
CAPACITY

27
TONS CO₂ SAVED
ANNUALLY



COMMERCIAL
INSTALLATION

This installation provides financing for new wine storage facility and leaves owner with spare energy to focus more on perfect winemaking.



“The solar installation is good for our winery business, and it is good for the environment. I am convinced it will generate a stable stream of energy and income for decades to come.”

JEAN-CLAUDE FERROTIN, OWNER

THE FERROTIN FAMILY has for generations run a well-reputed winery in the Rhône valley. When the time had come for the next generation to take over responsibility for the family business, Mr. Ferrotin decided to build a new wine storage facility to improve capacity and winery logistics, and so give his son a good start. Stimulated by the public renewable energy incentive scheme and the generous sunshine of southern France, a rooftop solar installation became an integral part of the winery upgrade.

The installation was realized through a tight collaboration between REC, the system integrator Altus Energy and the local installer Solar Concept. By combining high-performing Peak Energy modules from REC with a steel integration system from Altus Energy, the Installer was able to offer a complete, efficient and reliable solar installation with tangible economic benefits for the owner.



REC is a leading vertically integrated player in the solar energy industry. Ranked among the world's largest producers of polysilicon and wafers for solar applications, and a rapidly growing manufacturer of solar cells and modules, REC also engages in project development activities in selected PV segments. Founded in Norway in 1996, REC is an international solar company employing about 4,000 people worldwide with revenues close to NOK 14 billion in 2010.

The building is energy-positive, i.e. it generates more energy than it consumes.

The 35 kW installation consists of 168 REC AE Series 210W panels, and has an annual capacity of 42 MWh. The panels are fitted on to the 300 square metre roof of the storage building, which is built-to-measure and with optimum conditions for solar energy absorption in mind.

The installation process started in June 2010 and the system was connected to the French national grid in September, following a well planned and executed process. Over the next 25 years, the Ferrotin Winery installation will generate more than 1000 MWh of electricity and reduce CO₂ emissions by 675 tons.

PROJECT OVERVIEW

FERROTIN VINEYARD

AGRICULTURAL ROOFTOP

Owner:

Jean-Claude Ferrotin and family

Location:

Châteauneuf du Rhône, France

Type of Installation:

Rooftop

System Size:

36 kW

Module Types:

REC 210AE

Number of Modules Installed:

168

Annual Capacity:

42 MWh

Completion Date:

September 2010

System Integrator:

Altus Energy

