

# STRANGOLAGALLI PLANT ITALY

## GROUND MOUNTED INSTALLATION

- Public project licensed from local municipality, supported by feed-in tariffs
- Quality inspection and project assessment performed by TÜV SÜD ITALIA
- Delivering above expected power output

1

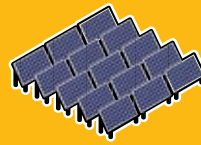
MW SYSTEM  
SIZE

1293

MWh ANNUAL  
CAPACITY

512

TONS CO<sub>2</sub> SAVED  
ANNUALLY



POWER PLANT  
INSTALLATION

For this publicly licensed power plant project in the heart of Italy, REC modules were selected because of their leading and documented efficiency and reliability.

“We have found a new standard for solar projects demanding the best module available.”

MARC ROYEN, PROJECT MANAGER, SOLAR GENERAL CONTRACTOR LTD., SWITZERLAND



**SOLAR GENERAL CONTRACTOR LTD.** is a Swiss company that finds and develops PV plants for the benefit of investors. In Italy, they focus on publicly licensed projects, with attractive feed-in tariffs. The Strangolagalli solar plant, near Frosinone some 100 km south of Rome, fitted this bill.

Protecting the long-term interests of their investors, and drawing on their Swiss heritage, Solar General Contractor focuses on quality, reliability and return on investment over the lifetime of the projects. Quality was also the prime criterion for the selection of the key component of this plant, the REC Peak Energy Series module.

The 1 MW installation consists of 4,160 REC Peak Energy 240W modules, and was completed at the end of August 2011. The plant



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.

was connected on September 27, and the expected production in this period was 239.289 kWh. Actual production registered by December 2011 was 331.333 kWh, averaging 38 % more kWh than expected, and significantly ahead of other solar plants in the area that also benefitted from the good weather conditions.

“In March 2011 we faced the challenge of deciding on the REC reference module, in view of the variety of alternatives and the ongoing price dumping on the market it was a tough decision. The Service records and productivity confirm to both us and our investors that we not only made the right decision, but have found a new standard for solar projects demanding the best Module available.” Marc Royen, Project Manager, Solar General Contractor Ltd., Switzerland.

## PROJECT OVERVIEW

# STRANGOLAGALLI PLANT

### POWER PLANT

**Owner:**

Strangolagalli Energy S.R.L.

**Location:**

Strangolagalli, Frosinone, Italy

**Type of Installation:**

Ground mounted solar plant

**System Size:**

1MW

**Module Type:**

REC 240 PE

**Number of Modules Installed:**

4160

**Annual Capacity:**

1.293 MWh

**Completion Date:**

August 2011

**Installer:**

Solar General Contractor LTD & Troiani & Ciarocchi S.R.L.

