



# CHIANG RAI POWER PLANT THAILAND

## GROUND MOUNTED INSTALLATION

- Largest solar electricity plant in northern Thailand
- 7,200 more households benefit from electricity generated directly from the sun
- Thailand's first operational solar plant with REC solar panels

9.5

MW  
SYSTEM SIZE

15,000

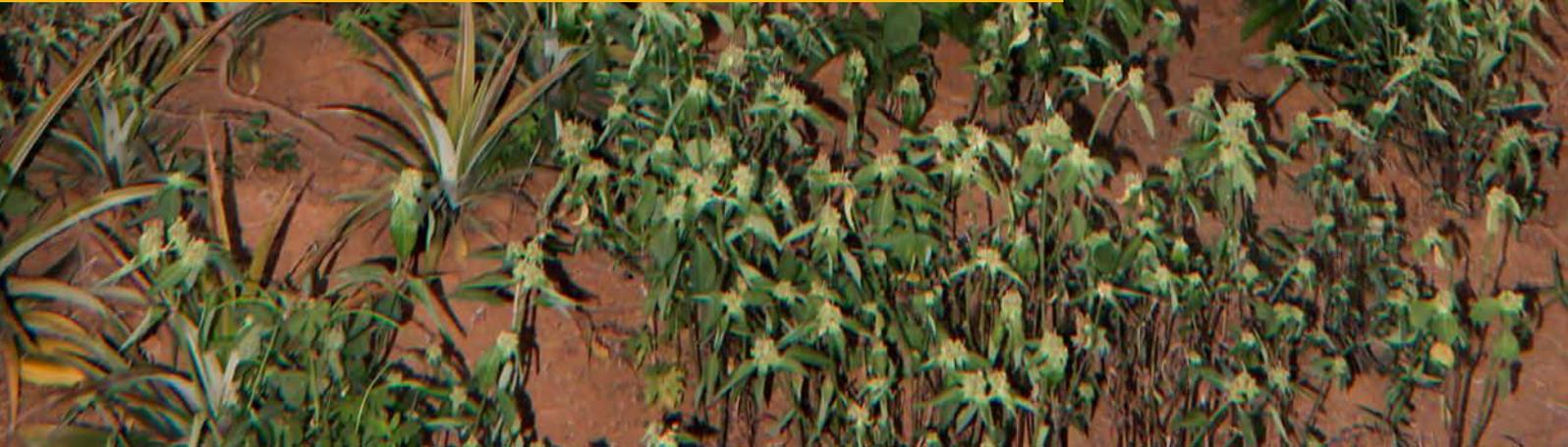
MWh  
ANNUAL CAPACITY

8,950

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



POWER PLANT  
INSTALLATION



More than 40,000 REC solar panels make up the largest solar electricity plant in northern Thailand and the country's first operational installation with REC solar panels.



experience in this still-young industry," said Franck Constant, Chairman at Sonnedix. "We are happy with REC solar panels and are keen on growing our business with REC in Asia, Europe and the Americas."

Installed by CH Karchang Public Company, 40,896 REC Peak Energy Series solar panels were fit onto a special concrete structure to accommodate the type of ground in the area. All of the electricity produced by this plant is being fed into the Provincial Electricity Authority (PEA) grid – the principal utility company in Thailand – who now provides stable green electricity to 7,200 more families.

REC solar panels meet the environmental requirements of the Thai government, simplifying the process of obtaining all necessary licenses. The high output of REC solar panels combined with Thailand's favorable subsidies are proving to make solar plants profitable for owners.

**IN THE MAE CHAN DISTRICT OF NORTHERN THAILAND** now sits a solar electricity plant on approximately 24 hectares of mountainous land; developed by Sonnedix, built by CH Karchang Public Company, financed by Krung Thai Bank, and comprised of solar panels from REC.

The plant is owned by Chiang Rai Solar Company Ltd., which is a joint venture between CK Power (an affiliate of CH Karchang Public Company – Thailand's second-largest construction company) and Sonnedix. Developers, owners and operators of solar plants worldwide, Sonnedix chose REC solar panels based on REC's established reliability and bankability, as well as the documented high quality, high output, and high performance of REC solar panels.

REC has supplied solar panels for Sonnedix projects before, including a 5.2 MW plant in Abbruzzo, Italy and a 3 MW plant in Blanquefort, France. "REC has a proven track record and a wealth of



## PROJECT OVERVIEW

# CHIANG RAI POWER PLANT

### GROUND MOUNTED INSTALLATION

**Owner:**

Chiang Rai Solar Company Ltd.  
(Sonnedix / CK Power)

**Location:**

Mae Chan district, Chiang Rai province, Thailand

**Type of Installation:**

Ground mounted power plant

**System Size:**

9.5 MW

**Solar Panel Type:**

REC 240 PE; REC 245 PE

**Number of Solar Panels Installed:**

40,896 (20,160; 20,736)

**Annual Capacity:**

15,000 MWh

**Connection Date:**

January 2013

**Installer:**

CH Karchang Public Company

REC is a leading global provider of solar electricity solutions. With nearly two decades of expertise, we offer sustainable, high-performing products, services and investment opportunities for the solar and electronics industries. Together with our partners, we create value by providing solutions that better meet the world's growing electricity needs. Our 2,300 employees worldwide generated revenues of more than NOK 7 billion in 2012, approximately EUR 1 billion or USD 1.3 billion.



[www.recgroup.com](http://www.recgroup.com)