Senftenberg – Germany
82 MW Photovoltaic Power Plant

As one of Germany’s leading solar project developers, Saferay has realized some of the world’s largest photovoltaic power plants, since 2010.

With a success based on an experienced team, a proven system design, a network of reliable partner firms and financiers as well as operational excellence, they have completed more than 500 MWp of large scale power plants.

Senftenberg is to date one of Germany’s biggest solar parks built over an area of 204 acres. The project delivers more than 82 Megawatts of DC capacity, one of the largest in Europe.

Thanks to the long term partnership between Saferay and Schneider Electric, and the deployment of standardized assembly sections, it was possible to complete construction in just three months.

PROJECT AT A GLANCE
Project Type
Photovoltaic Power Plant

Location
Senftenberg, Germany

Customer
Saferay

Applications
Electric power production

Equipment Installed
PV Box. a Power conversion substation, including GTE inverters, transformers and MV/LV switchgear

CUSTOMER BENEFITS
• A reliable and experienced partner
• Enhanced uptime thanks to qualified & reliable designs
• Fast execution: project completion in three months
• A single contact for the entire electrical balance of system
• Reduction of CO2 emissions avoided by replacing a conventional energy for clean energy

Make the most of your energy
Solution:

- A turnkey power conversion substation, PV BOX, including:
  - MV cubicles
  - Transformer
  - LV panel
  - GT630E inverters.
- Grid Connection substation 1x 80 MVA

OTHER REFERENCES

- Ground-mounted installations:
  - Spain - Moratalla (10 MW)
  - France - Vinon Sur Verdon (4.2 MW)
  - France - Le Gabardan (20 MW)
  - France - St Clar (8.9 MW)
  - France - Les Mées 2 - Haute Montagne (12 MW)
  - Greece – Kourtesi (4.99 MW)
  - Italy - Cellino San Marco - AES (43 MW)

- Buildings:
  - France – Istres (10.49 MW)
  - France – Truck Etape (4.5 MW)
  - La Réunion & Mayotte - 7 Casino stores (16 MW)
  - USA – Shoe Show (5.2 MW)