Dallgow-Döberitz – Germany
21 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.

Dallgow-Döberitz was built on a former passenger and later military airport in use since 1915 that has also served as a warehouse for commercial goods. These operations had to be ceased as the location was declared a groundwater protected area. The Photovoltaic Power plant provided thus a win-win situation for the area of Dallgow-Döberitz as it enables an efficient use of otherwise wasted space while allowing investors, landowners and the community to benefit from the returns of the installation.

This Photovoltaic power plant will produce 21MW that would be able to supply 7000 households with green energy. It consists of 88000 cristaline modules and 16 PV Boxes.

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 two months.
Solution:

- 13 turnkey power conversion substations, PV BOX, including:
  - MV cubicles
  - Transformer
  - LV panel
  - 2 x GT630E inverters.

- 3 turnkey power conversion substations, PV BOX, including:
  - MV cubicles
  - Transformer
  - LV panel
  - 1 x GT630E inverters.

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 (4.99MW)
  - Italy - Cellino San Marco - AES (43 MW)
  - Germany – Senftenberg – Saferay(82MW)

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