



Start of construction:	2012
System type:	On roof
Location:	Berlin-Marienfelde, Germany
Module type:	H250 W
System size:	70 kW
Usage:	Feed in
Customer:	German Federal Environment Agency
Estimated annual generation:	appr. 46.000 kWh

When the Federal Bureau for Building and Regional Planning agreed to add an annex to the Federal Environment Agency, it also decided on strict energy requirements: a net zero building, that is expected to generate all the energy needed by itself. Given the limited roof space available, HIT were the only panels which could deliver. In addition to the solar PV system, the building benefits from a water source heat pump for heating and cooling; solar thermal panels supply hot water. A ventilation system with heat recovery efficiently improves the indoor climate. All these installations plus the regular energy consumption are powered by solar panels.

