

# ABB Inverter Factory

Jüri, Estonia

# NAPS

Power of Light



Solar electricity system installed on a solar inverter factory roof in Jüri, Estonia. The purpose of the system is to generate electricity for the consumption of the factory. The inverters used in the system are produced by the same ABB factory. The Naps solar modules are especially designed for such low light conditions as typical in Estonia. The system is the first real grid-connected solar electricity system in Estonia. It is expected to raise interest in the country towards solar power and to pave the way for favorable political decisions.



Completion	September 2011
Owner	ABB AS
Location	Jüri, Harjumaa, Estonia
Coordinates	59°21'33"N 24°55'31"E
Direction and tilt angle	South, 30°
Total array power	25,2 kW <sub>p</sub>
Estimated annual generation	22.500 kWh
Total module surface area	175,5 m <sup>2</sup>
Quantity of solar modules	120
Solar module type	Naps Pallas 210 PBW
Solar module power	210 W <sub>p</sub>
Cell type	6" polycrystalline silicon cells
Mounting concept	Naps mounting structure on flat bitumen roof
Inverter type	ABB PVS300-TL-8000W-2
Number of inverters	3

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