

Pori Swimming Hall

Pori, Finland

NAPS

Power of Light



Energy efficiency determined the design work of the new swimming hall at Pori from the very beginning. Several energy-saving technologies have been used. Solar energy is utilized both in heating water and generating electricity. Naps implemented the solar electricity system on the roof with standard solar modules installed on lightweight and easy-to-install aluminium structures. That enabled a quick installation without penetrating the bitumen roof.



Completion	September 2011
Owner	City of Pori, Finland
Location	Pori, Finland
Coordinates	61°28'49"N 21°48'23"E
Direction and tilt angle	South, 30°
Total array power	52,5 kW _p
Estimated annual generation	45.000 kWh
Total module surface area	360 m ²
Quantity of solar modules	250
Solar module type	Naps Pallas 210 PBW
Solar module power	210 W _p
Cell type	6" polycrystalline silicon cells
Mounting concept	Naps mounting structure on flat roof
Inverter type	SMA Sunny Tripower 17000 TL
Number of inverters	3

Naps Systems Ltd is a specialist in solar electricity systems and solutions. We design and deliver optimal solutions for all needs and applications globally. During our 30 years of history, we have delivered more than 200.000 systems to more than 140 countries on all continents.