



CLIMATE SOLVER 2016 HONOREE

Offering solar energy below grid parity

Developed by: SOLNET GREEN ENERGY

INNOVATION

Solnet Green Energy is on a mission to help businesses save energy cost and reduce their carbon footprint. They do that by generating clean renewable energy locally. Providing power well below grid parity. The company takes full responsibility for planning, installing and operating solar plants. All maintenance, repairs, updates and cloud-based data services are part of the service with no additional cost to the customer.

The company's smart solutions drive visibility into the energy purchasing process and feature detailed information from utilities so users can buy energy from the grid when demand is at its lowest. All of Solnet's solutions are enhanced in terms of both product and storage. So each individual panel has its own power optimizer which results in higher annual yield. In the event of a panel malfunction, there are redundancies built into the system to prevent a grid-wide outage.

Solnet's focus is in the B2B market: Municipalities and companies that consume significant amounts of energy in industries like manufacturing, retail and logistics. Or with companies that have critical power balancing needs like datacenters and hospitals.

One of Solnet's recent project wins is the K-citymarket in Tammisto, Finland, which began construction in May of this year. K-citymarket will be the largest property-specific solar utility installation in the country with around 1,600 solar panels on the roof, generating 503 kWp. When the power is highest during sunny summer days, the solar utility will cover around half of the property's electricity consumption.

ABOUT THE COMPANY

Headquartered in Helsinki, Finland, Solnet Green Energy is a Finnish service company that focuses on renewable energy generation, offering solar energy

BENEFITS

Solnet improves the energy efficiency of its customer by providing locally produced solar energy combined with storage solutions, helping them reach ambitious targets for efficiency and emission reductions. If the Solnet approach expands the solar PV market in target countries by 10 percent, the annual CO₂ emission savings would equal 25.4 million tons by the year 2026.



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solutions that are cost-effective and readily installed. The service enables the establishment of solar energy for customers without high initial investments or long-term capital commitment.

TEAM

In addition to the founding partners Arttur Kulvik and Kaj Kangasmäki, the team behind the company includes former members of Neste Oyj management: Tapio Alvesalo, D. Sc. (Tech.), who is a pioneer in the Finnish solar energy sector and Tapio Alvesalo, founder of Naps International, a company that develops and markets solar energy systems.

