

PRESS ARTICLE

26/06/2023

Sidel Parma Site Boosts Sustainability with Cutting-Edge Solar Panel Installation



Sidel, a leading global provider of packaging solutions for beverage, food, home and personal care products in PET, can, glass and other materials, is proud to announce the installation of a state-of-the-art solar panel system at its Parma (Italy) site. The large 5,000-panel system will allow the industrial facility to generate 40% of its electricity needs by early 2024 and reduce its yearly CO2 emissions by a remarkable 871 tons. This reduction is equivalent to the carbon absorption of 43,500 trees. Phase one of the solar panel system is already operational, currently covering 20% of the site's electricity needs.

As part of the company's ongoing commitment to its Environmental, Social, and Governance (ESG) strategy, Sidel has already made significant strides toward sustainability at the Parma location. In addition to the installation of the solar panel system the company has undertaken several other initiatives. These include relamping 40,000 square meters with advanced LED systems, which has resulted in a 60% decrease in electricity consumption. Additionally, by converting heating systems from natural gas to heat pumps, the site will further reduce CO2 emissions by an impressive 1,950 tons per year.

Taken together, these initiatives will reduce Sidel's Scope 1&2 emissions in Parma by 2,600 tons per year equivalent to the carbon absorption of 131,000 trees.

Sidel remains steadfast in its pursuit of sustainable practices across Scope 1, 2 & 3 emissions, services, and sustainable packaging and will continue to invest in innovative solutions to minimize environmental impact and enhance the company's overall ESG performance.

For more information about Sidel and its commitment to sustainability, please visit www.sidel.com.

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Editor's Notes:

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PVGIS (Photovoltaic Geographical Information System) software was used to calculate the annual electricity production of solar panels. The kWh/CO₂ conversion factor is MWh/tCO₂ = 0.406 taken from DEFRA 2019. Conversion factor standard cubic metre methane gas (Smc) to kWh taken from Italy's Agenzia Nazionale Efficienza Energetica (ENEA) 2019. Emissions offset annually tree = 0.020 tCO₂.

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Sidel is a leading global provider of packaging solutions for beverage, food, home and personal care products in PET, can, glass and other materials.

Based on over 170 years of proven experience, we help shape the factory of tomorrow, through advanced systems and services, line engineering, eco-solutions, and other innovations. With over 40,000 machines installed in more than 190 countries, Sidel has 5,000+ employees worldwide who are passionate about providing equipment and service solutions that fulfil customer needs.

We continuously ensure we understand the evolving business and market challenges our customers face and commit to meeting their unique performance and sustainability goals. As a partner, we apply our solid technical knowledge, packaging expertise and smart data analytics to assure lifetime productivity at its full potential.

We call it **Performance through Understanding**.

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