



Doka Canada begins generating green electricity in Calgary with on-site solar energy system

Aug. 13, 2024 – Doka Canada is proud to announce the successful installation of a state-of-the-art solar panel system at its Calgary location. This new solar installation is expected to generate 175,000 kWh of electricity annually, marking Doka's commitment to sustainable energy practices and reducing the company's carbon footprint.

Investing with impact

Generation Intensity is a measure used to evaluate the environmental impact of electricity production. It specifically quantifies the amount of carbon dioxide (CO₂) emissions produced per unit of electricity generated. Based on the latest data from the Government of Canada, the Generation Intensity in Alberta is 470 grams of CO₂ per kWh of electricity produced on the grid. By generating 175,000 kWh of clean energy each year, Doka Canada will reduce CO₂ emissions by approximately 82 metric tons annually. This reduction is equivalent to removing about 18 gasoline-powered cars from the road each year.

Doka Canada considered multiple factors when selecting the type and size of the solar installation, including panel performance and facility electrical consumption. The team selected Bifacial Longi panels due to their proven reliability and superior performance, particularly in snowy environments. These panels warm up faster, allowing them to shed snow more efficiently and maximize energy production during winter months.

Doka's solar installation was a collaborative effort involving several key partners:

- **ICM Property Developments Ltd.:** Developer
- **SBL Contractors Ltd:** General Contractor
- **Incom:** Electrical Contractor
- **Solum:** Solar Specialist
- **United Roofing:** Roofing Contractor
- **TRL:** Structural Engineering Firm

Acting on a long-term commitment

"Doka Canada's commitment to sustainability is reflected in our investment in renewable energy," said Gunnar Falke, CEO of Doka Canada. "This solar installation not only reduces our environmental impact but also helps set a benchmark for the construction industry in adopting green technologies."

Doka and its parent company, the Umdasch Group, aim to achieve net zero CO₂ emissions by 2040 by producing more efficiently, innovating methods and materials that have a positive ecological impact, and using energy more sparingly.

"Moving the needle requires that we all do our part," says Gunnar. "So, while the work does not stop here, we are glad to have made this meaningful step. This is an early but important milestone on our journey to net zero."



About Doka

Doka is a world leader in innovative formwork and scaffolding solutions for construction. With more than 180 sales and logistics facilities in over 60 countries, Doka has a highly skilled, global team that delivers advice, engineering, customer service, and technical support for even the largest and most complex projects. The company's sophisticated distribution network ensures world-class service for customers wherever they work – from the largest cities to the most rural jobsites. Doka employs more than 9,000 people worldwide and is a company of the Umdasch Group, which has stood for reliability, experience, and trustworthiness for more than 150 years.

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Image showing part of Doka's new solar array in Calgary
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Source:

Government of Canada. (2022). "Generation Intensity (g CO₂ eq / kWh) to produce one kWh of electricity on the grid in Alberta." Retrieved from [Canada's Official Greenhouse Gas Inventory](<https://data-donnees.az.ec.gc.ca/data/substances/monitor/canada-s-official-greenhouse-gas-inventory/C-Tables-Electricity-Canada-Provinces-Territories/?lang=en>).