GANEX

INNOVATIVE SOLUTIONS FOR A SUSTAINABLE FUTURE
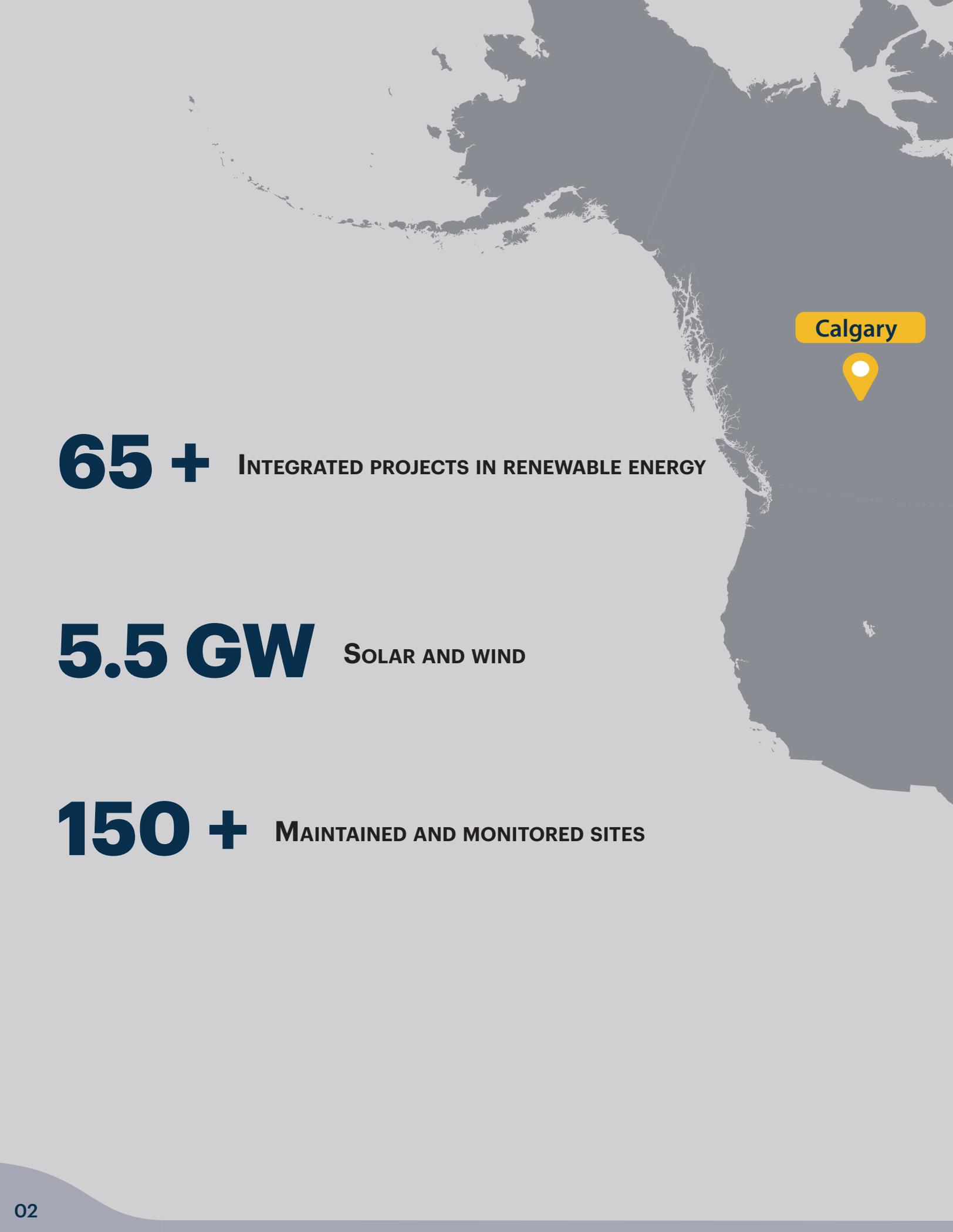
Calgary

65 + INTEGRATED PROJECTS IN RENEWABLE ENERGY

5.5 GW SOLAR AND WIND

150 + MAINTAINED AND MONITORED SITES

Gaspe

Ottawa

Chicago
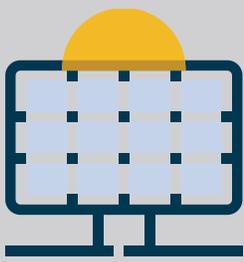
SOLAR ENERGY

WIND ENERGY

WATER AND WASTEWATER

INDUSTRIAL AND MANUFACTURING

ABOUT GANEX

Ganex is your partner of choice for information and communication technologies (ICT) and operational technology (OT) in the renewable energy industries. Our team of experts can skillfully assess your needs and help bridge the gap between ICT and OT in your operations with tailor-made solutions designed to suit the specificities of your infrastructure.

We proudly serve North America from our office in Chicago IL and three locations in Canada. We also provide solutions for our partners in the fishing industry, wastewater treatment and various manufacturing sectors.

At Ganex, we offer a wide range of products and services that can be customized to meet your operational needs. From SCADA solutions to corrective and preventative maintenance and cybersecurity, we strategically build solutions and implement systems that directly respond to your reality.

Together, we create innovative solutions that will ensure optimal productivity, minimized downtime and reliable security for your operations. We want to work with you to build a more powerful and sustainable future.

SCADA - AUTOMATION

At Ganex, we have the expertise required to carry out all types of SCADA, automation and control projects. With more than 20 years of experience in the industry, we have developed a collaborative approach that fosters communication and an orderly progression for each project. We have successfully carried out over 65 different SCADA projects for clients in a variety of industry sectors. We work closely with owners, operators, builders, and engineering firms.

With our agnostic position, we keep a close eye on technological innovations and are constantly building upon our excellent knowledge of cutting-edge software and hardware technologies that constantly best serve our clients. We consider your reality and assess your specific needs and objectives. This approach ensures our recommendations are driven by a desire to offer you the best cost/benefit ratio and maximize efficiency for your operations.

Our designs are detailed, realistic and functional; and our optimized working methods allow us to complete a SCADA modernization project in just two weeks. We conduct Factory Acceptance Testing (FAT) and Site Acceptance Testing (SAT) to ensure the system's functionality and its ability to meet your requirements and deployment needs with minimal impact on operations.
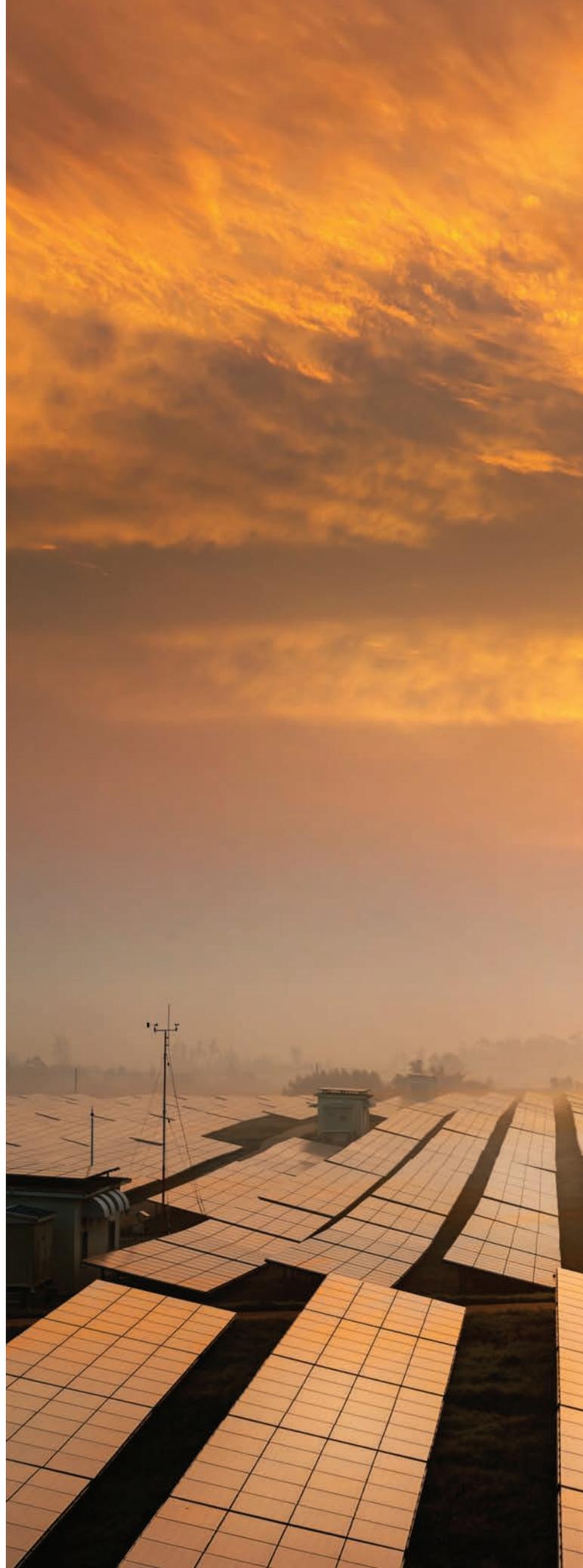
CONVERGING ICT/OT

Due to the constant evolution of business needs, ICT and OT systems are steadily moving towards convergence. Ganex has created a multidisciplinary team of specialists in both ICT and OT to provide support for your IT infrastructure. We offer a comprehensive alignment of technologies to avoid duplication.

In addition to providing significant productivity gains, the convergence of our ICT/OT teams allows us to implement crucial mitigation measures against IT attacks. Our protective solutions are robust and reflect the specificities of OT components in terms of security.

Our ICT services include:

- ▶ Virtualization;

- ▶ Hosting on-or-off-site;

- ▶ Fibre optic design and installation;

- ▶ Levelling software;

- ▶ Firewall and remote access;

- ▶ Data historian management.

O&M SOLUTIONS

Preventive maintenance is an essential part of the process that leads to achievement of your production and profitability objectives. Our solutions will help you optimize performance and minimize production interruptions, while maximizing the longevity of your equipment.

In critical situations, the speed and efficacy of a response is crucial. Our 24/7 emergency service gives you immediate access to operational support from qualified specialists.

We offer the following customizable packages:

▶ ICT/OT monitoring;

▶ Cybersecurity monitoring;

▶ Site assessments;

▶ Database maintenance;

▶ On-site maintenance;

▶ Disaster recovery plans.

CYBERSECURITY & COMPLIANCE

Cyber security threats are constantly increasing, and industrial systems have become strategic targets. In 2021, the global costs associated with such attacks totalled approximately $6 trillion.

At Ganex, we take cybersecurity seriously and we develop strategic methods of mitigating IT security risks, both for ourselves and for our partners. We take the time to assess potential vulnerabilities and identify the means of protection that can be implemented. We apply best practices, conduct regular scans, monitor threats, and perform routine back-ups. We pay close attention to the integrity and confidentiality of our partners' critical data to ensure optimal security for their operations and accelerated recovery in the case of an attack.

24/7
CONTROL CENTER

Our control center (GONOCC) is designed for any infrastructure that requires continuous monitoring of operation. Whether you run a wind farm, a solar infrastructure, a hydroelectric dam, or a water treatment facility, you can trust our team of experts to provide complete supervision of your operations.

In addition to standard operational monitoring, we offer a unique service of monitoring of the BOP (balance of plant) portion for solar, wind or hydroelectric infrastructures. At Ganex, we act as a site operator to ensure the steady productivity of your energy production facility.

Our surveillance teams will respect the procedures you already have in place and will act in accordance with your operational guidelines. We understand the importance of workplace health and safety and will apply all necessary protocols to ensure the security of your employees. In the event of an emergency, our control center teams use our centralized services to react quickly and efficiently to resolve the issue.

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