About MCW Custom Energy Solutions Ltd.

MCW Custom Energy Solutions Ltd. has been in the business of helping our clients reduce the environmental footprint of their building portfolios since 1991. Our team specializes in the development and implementation of guaranteed Energy Performance Contracts (EPCs) in existing buildings and related infrastructure, replacing aging systems with new, innovative technologies, addressing deferred capital renewal and decarbonization priorities, and fine-tuning smart building systems to maintain persistent low-carbon performance. MCW CES' in-house services fully-support the life of a project with teams well-versed in:



- **Conceptual energy engineering design leadership** through ASHRAE-compliant energy audits, carbon-neutral pathway feasibility studies and options analysis, lifecycle carbon analysis, and site utilities master planning.
- **Detailed Mechanical and Electrical engineering** completed by MCW Consultants Ltd. design teams in close collaboration with MCW CES' energy engineering subject matter experts.
- **Financial solutions development** using proven EPC financing arrangements, securing and administering grant funding support, and strategically aligning planned capital renewal allocations to EPC project goals.
- **Total project delivery** by skilled project and construction management professionals, commissioning experts, and specialists in stakeholder/occupant engagement and owner staff O&M training.
- **Guaranteeing key project outcomes** such as annual energy cost savings and GHG emissions reductions, and demonstrating outcomes using project assurance services such as Measurement & Verification and Long-term Monitoring-based Commissioning.
- **Smart building infrastructure technical support**, namely the structuring, enhancing and expanding of long-term maintenance services contracts for BAS hardware / support, HVAC equipment, lighting and more.

MCW CES forms the MCW Group of Companies with MCW Consultants Ltd., a specialized building and energy systems Mechanical & Electrical Consulting Engineering firm. The MCW Group offers an array of building systems engineering services to fully support the lifecycle of a building, or building portfolio, and do so with a focus on sustainable, high-performance, and innovative designs that help our clients reduce the carbon footprint of their assets. The MCW Group provides these services nationally – and internationally – with a team of over 480 talented people based out of 13 offices across Canada.