



# QUWA SMART SERVICES INC.

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2026

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# Who We Are

Quwa Smart Services (QSS) is an engineering consulting firm specializing in energy management, decarbonization, and clean technology solutions for commercial, multi-residential, institutional, and industrial facilities. We deliver technically rigorous, fundable solutions grounded in real-world operating and capital constraints.

We provide turnkey services to owners and property managers, guiding projects from initial assessment and energy modelling through design-ready recommendations, funding alignment, implementation support, and measurement and verification.

# Our Services

## Energy Management

- ASHRAE Level I, II, and III energy audits & building optimization
- Enhanced and existing building commissioning (EBCx)
- Whole-building energy modelling (new construction and retrofit)
- Controls and BAS/BMS improvement strategies
- Measurement and Verification (IPMVP-aligned)
- Utility analysis, benchmarking, and performance tracking

## Technical Services

- Mechanical and Electrical engineering design for Retrofits
- Program and Project Management
- Building Condition Assessments supporting asset management and reserve fund planning
- Funding and incentive strategy with end-to-end application support

## Clean Technology

- Clean technology advisory, including solar PV, BESS, and hybrid systems
- Smart building consulting services
- Customizable Energy Management Platform

# Proven Impact

QSS delivers measurable results across complex retrofit and decarbonization projects through rigorous engineering, practical design, and hands-on delivery.

- **\$5M+ in grants and incentives** secured through integrated technical and funding strategies.
- **10+ million sq. ft.** assessed through energy, carbon, and performance studies.
- **20+ years** of combined experience in energy systems, renewables, and decarbonization, led by a credentialed team (PhD, P.Eng, PMP, CEM).
- **16+ MW** of renewable energy supported, including solar PV design and grid integration.
- **Renewable and low-carbon energy studies delivered** across commercial rooftops, multi-residential assets, and hybrid systems with storage.
- **End-to-end delivery** from funding strategy to engineering design and implementation oversight.
- **National and international** experience supporting public institutions, private owners, REITs, utilities, and infrastructure operators.

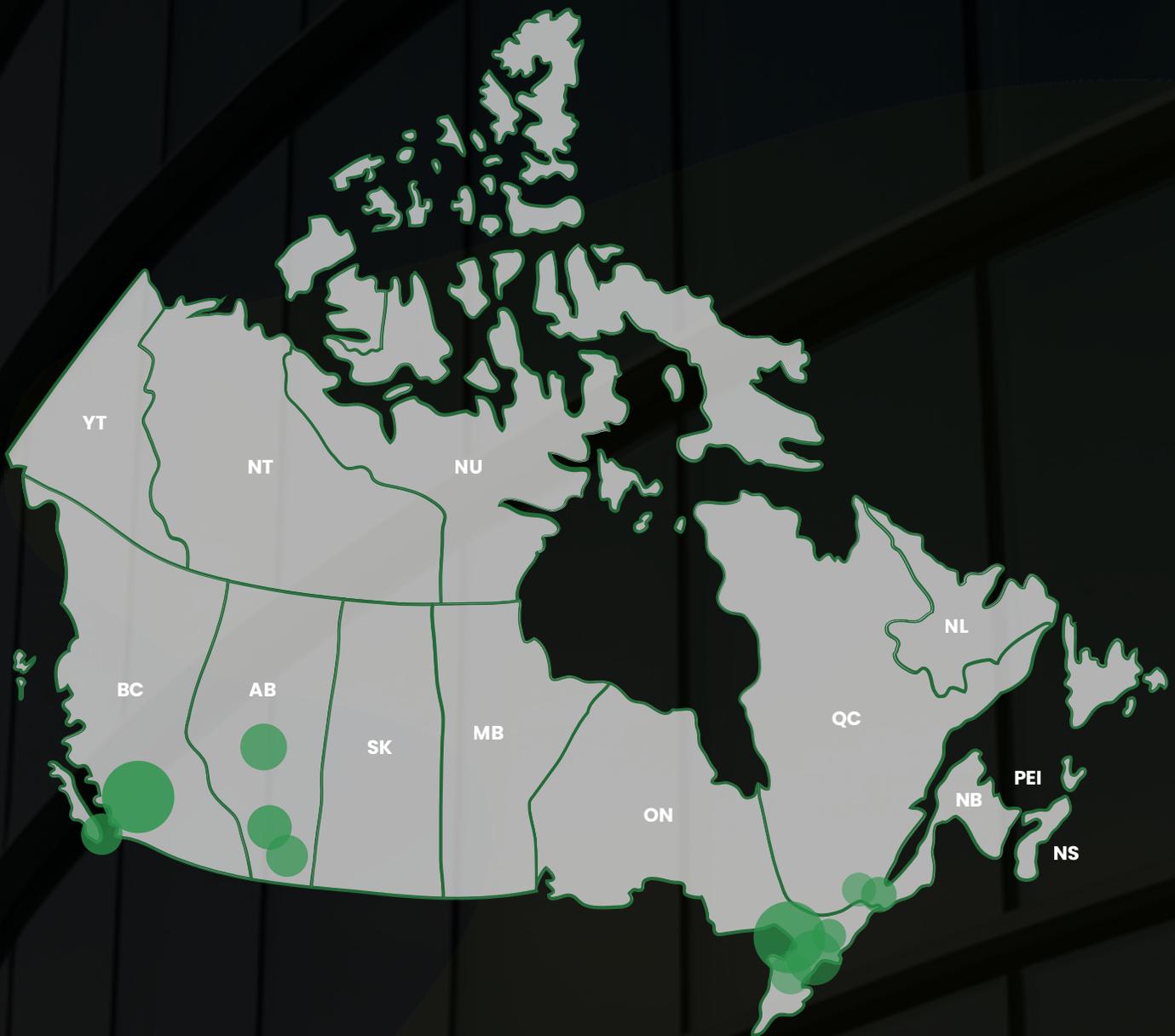
# Client Portfolios

QSS supports portfolio-scale energy and decarbonization initiatives across the following asset types.

- Commercial Real Estate
- Retail
- Multi-Residential
- Healthcare
- Industrial & Manufacturing
- Cold Storage & Speciality Facilities
- Data Centers
- Institutions



# Nation-wide Projects



# Selected Project Experience

QSS has executed high-impact energy and retrofit projects across multi-residential, affordable housing, and commercial portfolios, including:

## Commercial, Retail & Institutional

- **Aspen Properties, 444 5th Avenue SW**  
(Calgary, AB)  
ASHRAE Level III audit, followed by recommissioning, building envelope analysis, chiller assessment, and mechanical engineering design.
- **Office and Commercial Assets**  
(Toronto, ON)  
ASHRAE Level II audits, building optimization studies, and enhanced commissioning for office buildings and commercial plazas.
- **Durham Catholic District School Board**  
Net-zero school design and energy modelling delivered through a MITACS-supported initiative.
- **Gateway Group (Retail Building)**  
(Hamilton, ON)  
RTU Heat Pump replacement study and building controls optimization and to improve system performance
- **Technical Solar Studies**  
Project management and EPC decision support for over 16 MWp of solar power installations.

## Multi-Residential Buildings

- **Toronto Community Housing Corporation**  
(Toronto, ON)

Portfolio-wide ASHRAE Level II and III energy audits across approximately 20 buildings, including energy modelling and identification of energy and GHG reduction measures.

- **Maurice Coulter Housing Co-operative**  
(Toronto, ON)

CMHC-supported deep energy retrofit including: ASHRAE Level III audit, energy modelling, building condition assessment, engineering design, and project management, targeting 70%+ energy reduction and 90%+ GHG reduction.

- **Affordable Housing Buildings**  
(Across Canada)

Building Condition Assessments, ASHRAE Level III energy audits, hybrid heat pump design, energy modelling, and funding support for multiple co-operative and non-profit housing portfolios.

## Industrial, Manufacturing & Renewable

- **Ventura Foods (Food Processing Facility)**

Building optimization and enhanced commissioning to improve system performance and energy efficiency.

- **PROMPT Assembly & Packaging (Manufacturing & Warehouse)**

ASHRAE Level Energy Audit, Renewable Solar study, and Building optimization and to improve system performance

- **Utility-Scale Solar PV Projects**

Project management and EPC decision support for over 16 MWp of solar power installations.

# Professional Credentials & Standards

Our work is delivered by a multidisciplinary team operating within recognized professional, technical, and industry frameworks. The credentials below reflect the standards that guide our engineering, energy, and project delivery services.

## Professional Designations

- Licensed Professional Engineers (P.Eng)
- Certified Energy Managers (CEM)
- Project Management Professionals (PMP)
- Advanced Building Commissioning (EBCx)
- LEED Accredited Professionals
- WIRED SmartScore Accredited Professionals

# Trusted Clients



# Contact Us



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