

Arcadian PROJECTS

COMPANY OVERVIEW

INTEGRATED ENERGY SOLUTIONS | MULTI-TRADE SERVICES

arcadianprojects.ca

Learn More



Supporting real change in our community.



At Arcadian Projects, we believe the future is built through strong relationships, practical innovation, and people who care about making a real impact.

We take great pride in our purpose: *Creating opportunities and resiliency in our people, our clients, and our communities, to drive meaningful progress for the future.*

As a solutions integration partner with in-house multi-trade teams, we work collaboratively with clients, technology providers, utilities, and industry partners to help accelerate the adoption of impactful technologies across the energy, institutional, commercial and industrial sectors. Our focus is on operational savings, energy optimization, decarbonization, and delivering practical solutions that create long-term value.

We are passionate about moving the needle on innovation and efficiencies within the construction industry while maintaining a strong commitment to accountability, trust, and partnership. Most importantly, our experienced and diverse team members are the foundation of everything we do. Their dedication and pride in their work are what allow Arcadian Projects to consistently deliver results.

Thank you for taking the time to learn more about Arcadian Projects. We look forward to building the future together.

Luke

The Growth of Arcadian

2008	2012	2014 - 2015	2016
<p>Renewable Solar</p> <p>Arcadian Projects was founded. We began by installing residential and agricultural solar projects, aligning with the new Green Energy Act.</p>	<p>LED Lighting</p> <p>Incorporated LED lighting conservation initiatives supporting the SaveON Energy program.</p>	<p>Industrial Growth & Energy Management Services</p> <p>Growth of the Commercial and Industrial trades teams. Development of comprehensive energy management services incorporating renewables and all conservation initiatives.</p>	<p>Industrial Commercial Group</p> <p>The official launch of the Arcadian Industrial Group with in-house certified trades to support stand-alone industrial and energy projects.</p>
2018	2019-2020	2021-2023	2023-2025
<p>Energy Projects</p> <p>Company reorganization and supporting business model to grow the Energy Solutions Group. Built Canada's largest battery energy storage system (BESS) (40.8MWh).</p>	<p>Industrial Company Expansion</p> <p>Acquisition of two local electrical and mechanical companies to grow the C&I customer base and add resources to the trades teams. Support of the EV Charging market growth.</p>	<p>Strategic Growth</p> <p>Strategic development of leadership and project support teams. Growth in Institutional projects, new building technologies and energy sector relationships. Launch of DER Solutions Inc., to help accelerate bringing new technologies to market.</p>	<p>Growth of AP & DER</p> <p>Energy project growth supporting Government incentives. DER expands smart building technologies in the long-term care and commercial sectors. Strategic growth of Mechanical group.</p>

Energy Services

We provide value to our clients by leveraging our comprehensive knowledge of energy-efficient technologies.
We support our clients energy efficiency goals through:

Renewable Energy

Solar PV | O&M

- Electrical contracting services
- Consulting
- Subcontracting services
- Design and manufacturing of modular control buildings
- O&M packages
- Net metering systems for commercial and industrial applications
- Contract administration

Energy Storage Systems

Containerized | EV Chargers

Integrating battery energy storage systems to help our clients with:

- Peak shaving
- Load shedding
- Grid stabilization
- Reliable backup power
- Global adjustment reduction

Arcadian has installed over 100MW hours of battery storage in Ontario!

Conservation Initiatives

Building Services | Air & Heat

- Building Services: heating, cooling and process heat management
- Turnkey solutions for air movement and heat loss
- Power analysis/Power factor correction
- Service upgrades and electrical contracting

Energy Management

Commercial | Industrial | Institutional

- Monitoring and targeting
- Smart building integration
- Global Adjustment management
- Energy auditing
- Data Analytics
- Feasibility studies
- Energy incentive program support



Multi-Trade Services



Arcadian Projects is your trusted partner for full-service multi-trade solutions. From routine maintenance and emergency repairs to shutdown coverage and EPC-style execution, our team supports your operations seamlessly. With deep ICI expertise and a strong safety-first culture, we manage everything equipment upgrades, installs and new builds—keeping your operations reliable, efficient, and running with minimal impact.

Certified Trades

- Electricians
- Plumbers & Pipefitters
- Gas Technicians
- Millwrights
- HVAC Technicians
- Welders

Project Management

- Design Technicians
- Administration
- Estimators
- Coordinators
- Project Managers

EPC Services

- Custom design
- Construction Management
- Equipment & Sub-trade procurement
- In-house trades team

Customer Sectors

- Industrial
- Commercial
- Institutional
- Agriculture
- Manufacturing
- Municipalities



The Arcadian Toolkit



Our people are our pride.

Our team of knowledgeable professionals takes a progressive and responsible approach to supporting our clients.

Get to know us



Our People

Luke Shantz
President & CEO

Luke is a visionary entrepreneur with 15+ years of experience, providing strategic leadership at Arcadian Projects while driving innovation and low-carbon solutions in the construction sector.

Adam Fraser, CEM
Energy Project Manager

Adam brings expertise in solar, battery storage, and EV systems, supporting projects through precise design, budgeting, and a strong focus on safety compliance.

Plamen Notov
Director of Energy Services

With nearly 20 years in the energy sector, Plamen delivers practical, results-driven solutions that improve system reliability and support sustainability.

Todd Lorentz, ME
Vice President

Todd brings 25+ years of experience in manufacturing and construction, with expertise in contract management and project risk mitigation.

Jerry Arai
Energy Project Development

Jerry progressed from apprentice to Project Manager at AP over the past 15 years, supporting clients with innovative energy projects through strong technical expertise and system integration.

Jeff Vidmar
Data Analytics & Design Technician

Jeff brings over 15 years of renewable energy experience, supporting clients in optimizing system design through data-driven insights and incentive expertise.

Mike Binns, CPA, CA
Director of Finance

Michael brings 20+ years of experience, providing strategic financial leadership that supports growth, efficiency, and risk management.

Our People

David Kidd, MP
Sr. Mechanical PM & Estimator

Dave leverages over 30 years of extensive mechanical experience and industry leadership. Working across many sectors, supporting new construction and maintenance projects.

Dan Berwick
Electrical Estimator & Project Manager

An electrician by trade, with over 15 years in construction, Dan leverages electrical expertise and estimating experience to deliver efficient, well-executed projects.

Derek Smith
Multi-Trade Service Manager

Derek brings 20+ years of industrial experience, leading projects with a hands-on approach that drives efficiency, team performance, and strong client outcomes.

David Kovarik
Electrical Estimator & Project Manager

David brings pre-construction and estimating expertise, combined with hands-on trade experience, to ensure accurate coordination and seamless project management.

Craig Lackenbauer
Estimator & Mechanical Project Manager

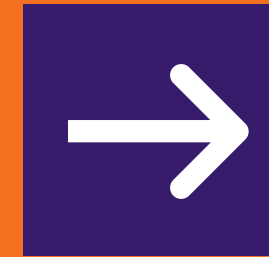
Craig leverages estimating and planning expertise, combined with hands-on plumbing experience, to deliver well-coordinated, client-focused projects.

Ron Dietrich
Project Supervisor/Coordinator

Ron delivers safe, efficient mechanical projects through strong trade experience and on-site leadership.



Project Safety



Arcadian Projects is committed to the safety of our employees, clients and project sites, at all times.

To deliver on our Health & Safety and Quality Management statement, we have:

- Accident prevention and risk management through Job Safety Analysis (JSA) and daily site evaluations.
- 3rd party consultant support.
- Trained installers and licensed trades.
- Customer engagement and safety communication.
- Consistent review of safety procedures.
- Use of safety docs to ensure up to date safety training and efficient safety documentation.

Some Local Partners



See Our Work



ELECTRICAL, PLUMBING
MILLWRIGHTING & HVAC

Arcadian
PROJECTS

INTEGRATED
ENERGY SOLUTIONS

519-804-9697

arcadianprojects.ca

Progressive Customers | Progressive Projects

We work with clients looking to improve their building operation efficiency and environments.

We support smarter, greener and sustainable builds, using innovative products and technologies.

Projects



Solar Systems



Arcadian Projects provides full-scope commercial and agricultural solar installations, including system planning and design, procurement, installation, grid integration and monitoring.

From large-scale rooftop net metering systems to farm-based installations, we have completed projects across institutional campuses, commercial facilities, and agricultural operations. This includes a 7.5 MW installation recognized as one of the largest solar projects in Canada, demonstrating our ability to deliver at both scale and complexity.

By combining our electrical and multi-trade expertise, we ensure seamless integration with existing infrastructure while maximizing long-term energy performance and reliability.



Battery Energy Storage Systems



Battery energy storage systems (BESS) help manage energy demand, maintain operations during outages, and improve overall system resilience by storing and deploying power when it's needed most.

Arcadian Projects has delivered commercial-scale lithium-ion battery installations across industrial and commercial sites, including systems supporting microgrid applications in manufacturing environments and projects in Northern Canada.

By combining electrical installation with strong project coordination, we deliver safe, efficient, and reliable energy storage solutions that enhance performance in both grid-connected and remote applications.



Integrity Mold



KIA Mexico



Bimbo Bread



Superior Essex

EV Charging



Arcadian Projects installs EV charging infrastructure to support electric vehicle adoption, from single-site Level 2 and Level 3 chargers to multi-location EV charging networks.

Our projects include site preparation, equipment installation, and coordination of electrical upgrades to deliver reliable, efficient, and future-ready charging solutions.

Projects span private data centers, automotive dealerships, hotels, and large-scale utility partnerships, demonstrating the versatility and scale of our EV charging capabilities.



Innovative Projects



Innovation drives our approach to delivering forward-thinking infrastructure solutions. We deliver projects that challenge traditional construction methods and combine integrated, multi-trade collaboration in remote and demanding environments.

Some of our innovative projects include:

- Modular multi-residential build. Utilizing modular pre-cast building sections/rooms, connecting all mechanical services with common corridors to house 103 apartments.
- 3-D printed senior living housing - currently under contract.
- Largest BESS in Canada in 2017. This indoor, non-containerized battery energy storage system in Stratford ON housed 8.8 megawatts of BESS.
- Arctic Research Foundation (ARF) off-grid mobile research labs delivering hybrid-powered, multi-trade facilities with solar and wind micro-grid systems across Nunavut.
- Built one of Ontario's first EV charging highway networks along the 400 series.
- Delivered mechanical infrastructure support for a mini hydrogen system.



ARF Mobile Off-Grid Labs



Stratford Battery Energy Project



FUZE Modular Apartments



IVY EV Charging Network

Mechanical Solutions



Our mechanical services span industrial, commercial, and healthcare facilities, supporting critical operations with minimal disruption. From system upgrades and pipe replacements to steam, condensate, and water connections, we deliver safe, high-performing solutions tailored to each facility's needs.

With an experienced mechanical team, we deliver new construction and retrofit solutions designed to meet the unique objectives of every project.

We support projects in the following sectors:

- Food and Beverage
- Cement and Aggregates
- Hospitals and Long-Term Care
- Multi-Unit Residential
- Education Facilities
- Commercial



Lactalis Process Piping



peopleCare LTC Heat Pump Upgrade



Stratford Hospital Facility Upgrade



Fuze Modular Multi-Residential

Electrical Solutions



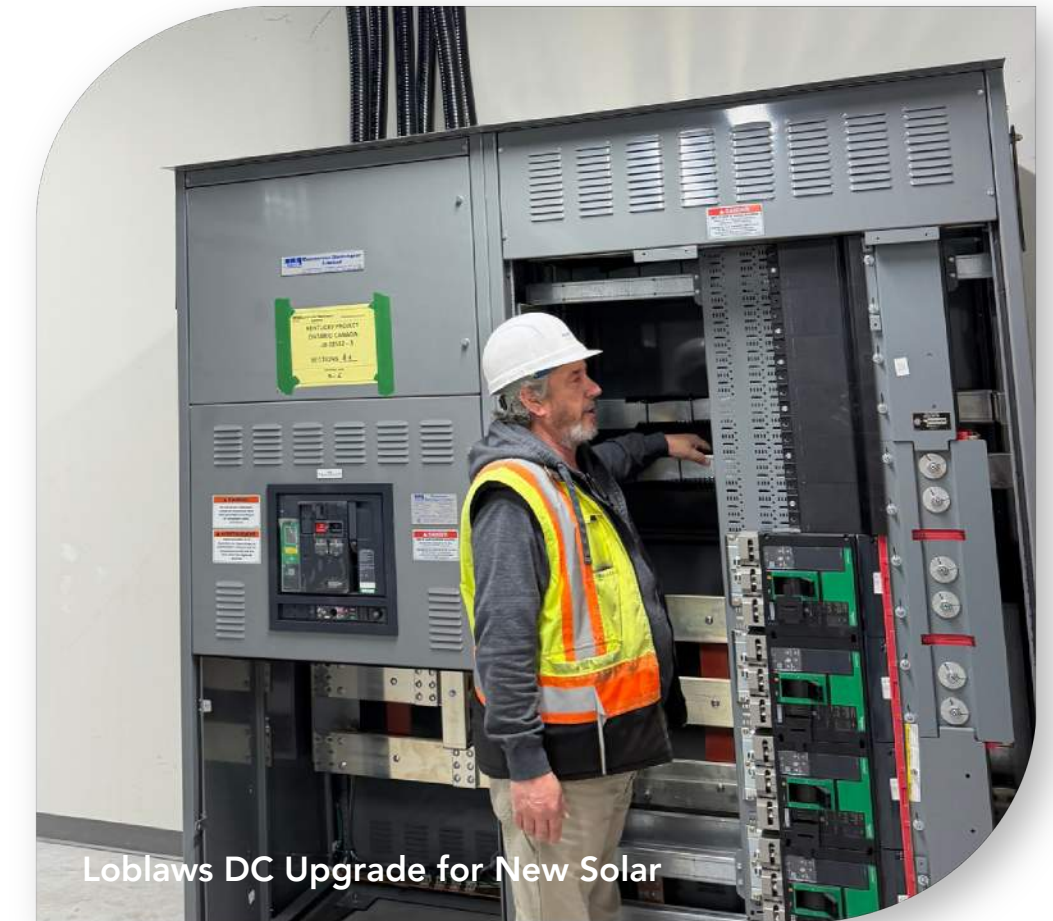
From new construction builds to large-scale renovations and plant expansions, our team provides installation, upgrades, and modernization of electrical infrastructure, supporting evolving operational demands with safe, efficient, and scalable systems.

Arcadian Projects delivers comprehensive electrical services to the following sectors:

- Industrial and Manufacturing
- Food and Beverage
- Transportation
- Healthcare
- Education



VIA Rail Complete Renovation



Loblaws DC Upgrade for New Solar



Martinrea Automotive Expansion/Electrical Service



New 7-12 School

Millwrighting Solutions



We provide specialized millwright services, ensuring each installation, repair, or maintenance task is executed with precision, safety, and industry-leading expertise.

Across industrial environments, our team supports both routine maintenance and complex project execution while maintaining operational reliability and long-term performance, with work including:

- Tank and pipping replacements
- Conveyor system repairs
- Mechanical upgrades
- Machine moving
- Hoisting and rigging
- Fabrication
- CWB Certified



Lactalis Silo Replacement Installation



Stratford Hospital Chiller Replacement



Lactalis Piping Replacement



Manufacturing Facility CNC Equipment Installation

Maintenance & Service Teams



Arcadian Projects provides full-service operations, maintenance, and support for commercial, industrial, and energy infrastructure.

Our experienced service team supports the ongoing performance, efficiency, and reliability of critical systems through preventative maintenance, repairs, system optimization, and operational support.

Our service capabilities include:

- Energy Systems O&M and Service
- Electrical Service
- Plumbing & Mechanical Service
- Millwright Service
- HVAC Service



Affiliations & Certifications



Energy



Construction



Business | H&S



Contact Information



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