



RISING  EDGE  
GROUP

# COMPANY SERVICE SUMMARY

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From Conceptual Design to Commissioning, Rising Edge Group can be your preferred Electrical Contractor to execute any scale of project you need.

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## INTRODUCTION

At Rising Edge Group (“Rising Edge”), we stand at the forefront of reputable and quality-driven solutions, and we're excited to showcase our capabilities, experience, and resources to better service our clients’ needs and the surrounding communities. This package will showcase Rising Edge’s capabilities and why we are your ideal partner.

Rising Edge is a multi-disciplined EPC contractor providing safe, cost-effective, and fit-for-purpose project solutions to the power industry. Rising Edge has grown to provide a wide array of services in power generation, transmission/distribution, fabrication, renewables, and industrial settings. From conceptual design through to maintenance, each aspect of your project is handled by trained industry specialists, resulting in a product that is complete, on-time, and on-budget.

Rising Edge has a broad range of work experience across various energy-related industries. We are focused on providing and recommending fit-for-purpose solutions for any application. From the most complicated protection schemes to any size of switchyard equipment, rest assured your project requirements will be met and exceeded.



*Image 1: Rising Edge Areas of Expertise*

Rising Edge creates value for its clients through our total integration of systems and processes, allowing Rising Edge to deliver projects in a systematic way regardless of project location. We believe that our consistent and repeatable model for project delivery - with a focus on safety management, environmental stewardship, and quality control – set us apart from our competition.

With a rich history of successful collaborations with major clients such as AltaLink Management LP, SaskPower, RES Power, Berkshire Hathaway, Southern California Edison, Newfoundland Hydro, ATCO, and extensive experience in the North American utilities and renewable industries, Rising Edge is a trusted partner known for its regional expertise and project delivery excellence – which is backed by a proven track record of over 20+ years of excellence.

Lastly, Rising Edge offers end-to-end services in the utilities and renewable industries, encompassing everything from distribution and transmission engineering to substation construction, commissioning, and maintenance, showcasing a diverse portfolio and commitment to supporting our energy clients needs and their solutions.

To view a short video about Rising Edge and what sets us apart from rest, please click [here](#).

## CORE VALUES

At Rising Edge, our mission is to work together in delivering energy infrastructure projects through the design, build, and maintenance of critical assets. Our mission underscores our collective commitment by emphasizing the precision, integrity, and the recognition that our skilled and talented people are at the heart of all our endeavors. Our core values guide our service offerings and define our commitment to servicing our clients with the best project solutions.

1. **Teamwork:** Our projects thrive on transparent, respectful, and open communication, fostering trust and seamless collaboration with our clients.
2. **Accountability:** We deliver on our promises, meet deadlines, and take full responsibility for our work, ensuring reliable and efficient solutions.
3. **Integrity:** Clients can trust us to make ethical, transparent, and well-intentioned decisions, establishing a foundation of honesty and reliability.
4. **Continuous Improvement:** Every team member is dedicated to enhancing our services by learning from experiences, measuring successes, and striving for continual improvements.
5. **Safety:** Our unwavering commitment to safety ensures that the well-being of our team, clients, and the communities we serve always comes first, creating a secure environment for all.

These values, rooted in our mission and vision, drive us to be industry leaders in providing reliable solutions to the evolving energy landscape in North America.

## RISING EDGE GROUP CAPABILITIES

Rising Edge features a “one-stop shop” service offering for the execution of projects. Our offerings apply to the HV/MV Substation, Industrial, and Renewable sectors for both Brownfield and Greenfield project settings. The breadth of our Full-EPC offering can be summarized as follows:

**Construction**



Substation - Civil, Structural, mechanical, Electrical, P&C, SCADA, Telecom, Equipment Installation, Transformer Assembly (and Vacuum Process Filling),

	<ul style="list-style-type: none"> <li> Collector Systems Complete – Installation, Splicing, Terminations, Distribution Collector Systems,</li> <li> Fiber Optic Installation</li> </ul>
<b>Commissioning</b>	<ul style="list-style-type: none"> <li> Apparatus, Electrical, Protection &amp; Control, SCADA, Telecom, Generator</li> <li> Collection Systems</li> <li> Fiber Optic Network</li> </ul>
<b>Engineering and Design</b>	<ul style="list-style-type: none"> <li> Engineering – Studies (AC, DC, Ground Grid, Coordination, Arc Flash, Relay Settings, SCADA Configuration and more)</li> <li> Substation Design - Civil, Electrical, Layout, P&amp;C, SCADA, Telecom</li> <li> Transmission Design</li> <li> Distribution Design including Overhead &amp; Underground Collector Systems</li> </ul>
<b>Fabrication</b>	<ul style="list-style-type: none"> <li> Junction Boxes, Control Panels, Control and Switchgear Buildings, P&amp;C Panels, SCADA Cabinets, Telecom Cabinets, Modular Power Skids</li> </ul>
<b>Maintenance</b>	<ul style="list-style-type: none"> <li> Long-Term Maintenance Planning, Scheduled Maintenance Activities, Switching Programs, Warehousing, Hosting Customer Data, Engineer Review of Maintenance Test Results</li> </ul>
<b>Project Services</b>	<ul style="list-style-type: none"> <li> Project Management Office - defined roles, processes, and procedures for Project Managers</li> <li> Project Controls Group – defined roles, responsibilities, and processes regarding Project Actuals, Project Forecasting, Project Scheduling (and schedule maintenance), Customer Portfolio Reporting, and Daily LEM's</li> <li> Subcontractor Management - formal prequalification and management process</li> <li> Procurement Department – features defined roles, accountabilities, and responsibilities. Includes a formalized vendor and subcontractor prequalification process as well as material database with benchmark pricing</li> <li> Project Portfolio Management - Rising Edge has the resource capabilities to react effectively to changes in scope. We have a staffing pool that allows us to be responsive on emergency work</li> <li> Cybersecurity/IT department - features defined roles, responsibilities, and process. Our information management guideline is NIST-800 based</li> <li> Resource Management – our InEight Estimate and Project Management software which is integrated to Primavera P6 to define, forecast, and manage all employees and equipment</li> </ul>

Whether your project requires only one, multiple, or all our Full-EPC services, Rising Edge will get your project through every stage of the project lifecycle, from Conceptual Design, Estimating, Engineering, Project Management, Document Control, Procurement, Fabrication, Construction, Commissioning, to Maintenance.

## COMPETITIVE ADVANTAGE

Our competitive edge is through the efficiency of integrated processes and applications directly impacting a project's execution and lifecycle. Ensuring that each scope of work or project is accurately planned, scheduled, resourced, management, tracked, and documented is critical for the completion of the project to the client's standards and specifications – but in turn, for Rising Edge ensuring it can meet its contractual obligations by providing complete, on-time, and on-budget services.

Rising Edge's comparative advantages that sets itself apart from its competition include (but are not limited to):

- **Integrated Systems** that give our clients the ability to analyze and assess a project, throughout its lifecycle, by identifying inefficiencies for improvements – yielding a data output that is in real-time and accurately displays the actual cost of a project when its estimated, under construction, and when forecasted for completion. This is due to the integration of different software and programs that interact with each other and serve to have an efficient flow of data and information. Project personnel can make decisive and value-added decisions that positively impact the project outcome and, in turn, make our clients happy in the process.
- **Robust Safety and Quality programs** that ensure every project remains safe and all work completed meets all technical and procedural specifications. Safety is a core value of Rising Edge's organization; this is indicative of our exceptional safety record over the years. Safety is entrenched in the organization's culture and is actively applied to all work tasks being completed – whether in the office or out in the field. Rising Edge's objective is to safely deliver 100 percent complete projects that comply with regulatory requirements and meets all contractual and client expectations the first time, every time. This is managed through a robust Quality program which houses a large library of procedures, best practices, and standards where all work is inspected and approved against our internal quality standards/specifications.
- **Consistent and Repeatable Project Management Cycle;** we understand every project is unique and brings different risks and challenges that may negatively impact the project and our clients bottom-line. Ensuring the project lifecycle is consistent, repeatable, and flexible to adapt to different circumstances is crucial to the successful management of a project. Rising Edge has developed an industry-unique proprietary software application that ensures the project management is standardized for maximize efficiency and reduces loss of time.
- **Highly Skilled and Knowledgeable Workforce** that provides the best high voltage services within the industry. Lead by management staff you have direct field experience, knowledge of Rising Edge's internal practices and processes, these personnel collaboratively provide the highest quality of workmanship. All personnel are trained, assessed, and certificated to conduct the work tasks associated with their position. With over 20 years of industry knowledge and experience, Rising Edge ensures that all personnel who continues to work with us gain the experience, expertise, knowledge, and skills that are unattainable or comparable in the marketplace.

## NORTH AMERICAN OPERATIONS

Rising Edge, originally founded in Alberta, Canada, has grown to expand a large territory of the Canadian footprint; and includes both sides of the America coastal region – establishing regional offices in California and North Carolina to

service across the continental U.S. and the Bahamas. Since establishing our operations in Calgary in 2002, we’ve expanded our presence incrementally across the Canadian provinces and American states. Our local presence ensures a keen understanding of regional nuances, specifications, requirements, while fostering stronger collaborations with our ever-growing clientele.

Currently employing a total of **450+** personnel, a mix of substation electricians, civil crew, lineman, commissioning technologists, engineers, construction support personnel, and project support staff (i.e., Accountants, Estimators, etc.). Our North American operations is anticipating an expansion of manpower to support the anticipated forecast of secured project(s) – however, we are confident that we can support all project(s) that our new client needs our support on. We are well resourced to support the execution of any brownfield and greenfield projects – in Canada and the U.S. With systematic, technical, and resource support from Rising Edge’s Group of Companies (divisions based in Alberta, Saskatchewan, Atlantic, California, and Carolinas) – we hold the collective experience, track record, and expertise to complete any project, for anyone, anytime.

As of December 2023, our North American operation consists of the following resource breakdown:

POSITION	ALBERTA	SASK.	ATLANTIC	USA	TOTAL
Journeyman Electricians	66	21	48	30	165
Commissioning Techs.	45	6	7	24	82
Construction Support	32	2	10	6	50
Engineering	72	0	0	0	72
Office	100	3	7	8	118

*Table 1: Rising Edge Simplified Resource Breakdown Per Division (Dec 2023)*

## PROVEN TRACK RECORD WITH MAJOR CLIENTS

Our extensive experience across the Canada and the U.S. includes successful collaborations with major clients such as Berkshire Hathaway, RES Power, AltaLink Management LP, Potentia Renewables, Newfoundland Hydro, ATCO Energy, TransAlta, Suncor, Shell, Southern California Edison (SCE), Capital Power, San Deigo Gas and Electric (SDGE), among many others. We continue to be a reputable and repeat contractor for our existing and new clientele based on the fact we always aim to provide our client(s) with the best project solution and execution. If we don’t deliver, we learn from our mistake(s) and immediately apply those learnings to our repeatable project management/execution process to ensure no future project(s) encounter the same mistake and have reference information on how to best mitigate the potential risk.

This can be discussed further by showcasing our Project Management Office (PMO) Manual, project plans, and proprietary execution tools that are used on-the-ground on every project.

## INTEGRATED DESIGN SUPPORT

Rising Edge is not confined to geographical boundaries. Leveraging support from our western and eastern divisions, from British Columbia to Newfoundland in Canada and California to North Carolina in the U.S., we offer top-tier electrical transmission and distribution design services. For any project when required, Rising Edge will be utilizing Engineering resources who are based out of Alberta, Canada to execute the design of a project's substation, collector system, interconnection system, transmission and distribution network, studies, etc. Most of the other integrated support services like our project management services will be managed and executed through resources based out of the regional office where the work falls under – with executive and managerial oversight through our Headquarters in Alberta, Canada.

As a group of companies, Rising Edge consolidates our learnings and knowledge in previous projects, coordination with clients, etc., to update and improve our services offering and the project execution lifecycle by implementing a repeatable project design, construction, and procurement that is customized to the client's specifications and project requirements.

Outside of the Rising Edge Group, Rising Edge is a part of the JAVA Holdings Ltd. group of companies – all critical contractors that provide high level execution support for large utility, renewable, oil and gas, and power generation projects, specializing in EPCM (Engineering, Procurement, Construction, and Management). These companies include:

1. Megaverse Geomatics Ltd (<https://mvgeomatrics.com/>)
2. Helical Pile Solutions (HPS) (<https://hpspile.com/>)
3. High Line Electrical Constructors Ltd. (<https://www.highline.ca/>)
4. Victor Energy (<https://www.victorenergy.com/>)
5. Arctic Arrow Powerline Group (AAPG) (<https://arcticarrowgroup.com/>)
6. Professional Excavators & Construction Inc. (PECI) (<https://www.professionalexcatvators.com/>)

Our collaboration with these sister organizations, under the JAVA Group of Companies, enhances our capacity to provide comprehensive support on project design, execution, and procurement. Through a shared ownership, we're able to fully execute the all or majority of the project scope under one contractor – falling under the “all in one shop” method.

To learn more about JAVA Holdings and our sister organizations that we can utilize in the execution of this project and others like it, please visit their website: <https://javaholdings.ca/>



*Image 2: JAVA Holdings Ltd. Logo – Parent Company of Rising Edge Group*

## **CONCLUSION**

In conclusion, Rising Edge stands as a beacon of excellence in the electrical infrastructure solutions landscape, backed by a legacy of over two decades with outstanding project deliveries. Our comprehensive suite of services, ranging from Substation EPC & Maintenance to Transmission and Distribution Design, reflects our commitment to providing tailored solutions across diverse industries, sectors, and regions.

With a proven track record of executing projects up to 735kV, we pride ourselves on our process-driven approach, integrating project management, controls, procurement, and field operations for seamless and effective project execution. At Rising Edge, accountability, excellence, and a steadfast commitment to safety are ingrained in our culture and every project we execute.

Rising Edge would be delighted to delve into the specifics of how our organization can contribute to the success of your upcoming project(s) and future infrastructure needs.



## About Company

North America's Best  
High Voltage Electrical  
Infrastructure Contractor

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