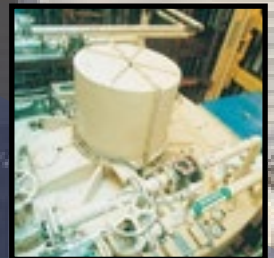




YOUR ENERGY SOLUTION STARTS HERE



A group of experienced industry experts brought together to provide exemplary design and execution regarding distributed electrical power generation and associated power system equipment. Engineering, procurement, investigation, upgrades, maintenance, installation, repairs, rentals and testing.



WELCOME to RLNEFSI

RLN ENERGY FIELD SERVICES INC. or RLNEFSI is ready to revolutionize the distributed generation industry in Western Canada. RLNEFSI will build on our internal resources and strategic partners who will work as a single point of contact team for our customers. Our President Randy Nielsen is a well-acknowledged expert in this area and has devoted a good portion of his career installing, operating, maintaining and improving on large and small generation facilities.

PHILOSOPHY:

We have a clear and focused business philosophy that offers comprehensive, customized and superior quality services. In this we will meet with our customers power generation requirements regarding reliability and continuation of service. As well it is our intent to balance cost of service with return and ensure maintenance expenditures are optimized.

VISION:

- Create an organization able to optimize and enhance equipment life cycle cost
- Be a leading and premier distributed generation service provider
- Ensure clarity in project cost and execution with an open book procedure
- Provide joint venture project team as required with no markup on subcontractors
- Partner with resources that share our vision and are capable of supporting our endeavors

MISSION STATEMENT:

- Create and maintain a first class website
- Develop a team of engine and generator electromechanical expert professionals
- Operate a safe company
- Operate within a philosophy of measured constant improvement to maintain quality
- Ensure client expectations are exceeded and confirm performance with all clients

CORE VALUES:

- Provide a professional, productive and positive environment for all workers constantly promoting excellence in service through pride in organization accomplishment

SKILLS

PROCUREMENT:

- **New and used generators, engines and co-gen/tri-gen to 5MW**

- Diesel standby
- Natural gas standby and online
- Waste gases
- Smaller gasoline units
- Trailer and skid mounted units

- **Electrical power equipment**

- Transformers to 10 MVA
- Indoor and outdoor switchgear to 38 KV
- Generator control panels
- Remote SCADA systems
- Automatic sync panels

- **Maintenance parts**

ELECTRICAL ENGINEERING:

- Electrical power system project engineering
- Protection and control design
- Site supervision and project management
- Forensic analysis, investigation and remedial action.

INSTALLATION:

- **Electro-mechanical turnkey construction**

- Electrical permits
- Construction permits
- All certified tradesmen
- Engine and fuel system installation
- Electrical procurement and installation
- Pipe fitting, insulation application
- Millwrights, HD mechanics
- Welders
- Controls and SCADA
- Inspection
- Testing and startup
- Operations training

- **Systems to 38KV operating voltage and 10 MW power output**

- **Full power system component testing...transformers, cables, switchgear, breakers, relays**

SPECIALIZED SERVICES:

- Expert witness services
- Third party laboratory services
- WECC testing
- Laser alignment
- Vibration analysis
- Thermal imaging
- Third party advanced diagnostics
- Acoustic SDT270
- Battery impedance and electrolyte testing
- Power monitoring and trending/studies
- Partial discharge testing
- Direct contact thermal monitoring to 50,000VAC
- Third party utility connection requirements
- Ultrasonic analysis
- Third party on line CBRM analytics

Our highly experienced team of experts, instructors, technologists, tradesmen and engineering consultants are recognized across the industry as leaders in designing, operating, maintaining power generation electrical equipment.



OWNER / OPERATORS:



Randy Nielsen

- Certified engineering technologist / power generation & distribution
- Dual ticket red seal electrician & heavy duty mechanic install / troubleshoot / maintain
- 30 Years experience generation & control
- Certified planner & cmms supervisor



Doug Mortimer

- Rotating machinery expert [generator]
- Programming and control expertise
- Power System specialist [trouble shooting and testing]
- Engineering capability – design and review]



Wayne Russell

- Journeyman electrician, journeyman welder
- Journeyman insulator
- In the trades since 1973
- Specialist in construction maintenance, and consulting



Dan Fraser

- Heavy duty mechanic (Red Seal)
- 4th year electrician
- 16 years in power generation
- SDT & VA Technician



Cameron Hite A.Sc.T.

- Field service manager
- 28 Years experience
- 'A' ticket journeyman electrician/electrical engineering technologist
- Neta level III certification



John Hodson

- Electrical power system specialist
- 30 Years experience
- Journeyman electrician / power system technologist / electronic technician / neta level IV proficient
- Professional trainer

A WORLD OF OPPORTUNITY



SERVICES & CAPABILITIES

From concept to completion
RLNEFSI delivers the innovative
solutions that industry demands...

- Engineering Services
- Electrical - Field Services - Commissioning
- Project Management
- Specialized Construction
- Equipment Evaluation
- Test Scope Development
- Test Data Analysis
- Automation Integration Services
- Technical Training Courses
- Forensic Analysis

Regardless of the project parameters, you can depend on our knowledge, experience and expertise to complete the project safely on time and on budget!

RLNEFSI TAKING PART IN INDUSTRY



- Originator on CSA Z462 committee
- Sitting on CSA Z463 committee
- CSA contributing author
- IEEE presenter
- Technical articles for industry
- Aset membership / APEGBC membership





MAINTENANCE PROGRAMS

RLNEFSI can develop a multi-year power system preventive maintenance program for your facility and will provide troubleshooting and plant maintenance services wherever required.

INSTALLATIONS

RLNEFSI has the tools...

- Job Trailers
- Welders
- Test Equipment



ALL THE RESOURCES IN ONE PLACE

RLNEFSI is a Western Canadian expert in distributed generation power equipment & components. We have partnered with leading manufacturers and consultants to bring the best possible solution to our clients.

ICE BLAST CLEANING



- Specialized electrical cleaning provided on demand
- On line energized or deenergized off line
- Zero residue – absolute zero impact

RLNEFSI CLIENTS

- CATALYST PAPER
- CAPITAL POWER
- DIVAK DIAMOND
- AIR PRODUCTS
- CHEMCO ELECTRIC
- ENMAX
- COLLICUTT ENERGY
- YOUTH CONSTRUCTION
- FRONTIER ELECTRIC
- NEXUS ENERGY
- REVIVE ENERGY
- GLENWOOD GREENHOUSE



PROFESSIONAL, TESTED AND PROVEN

- CORcertified
- WCB clearance
- Liability / professional insurance
- Standard industry programme approval
- Zero tolerance drug and alcohol policy
- Ticketed and certified tradesman, technicians and technologists



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780.991.8575

Your energy solution **starts here**

www.rlnenergyservices.com