

Our engineering services cover the full life of a system from concept and feasibility to design and commissioning, as well as maintenance support.

SOLAR GENERATION

- Feasibility Studies
- Interconnection Applications
- Generation Modeling
- Solar System Engineering
- Solar Construction Support
- Independent Engineer Services

WIND GENERATION

- Conceptual Design Studies
- Detail Design
- Interconnection Applications
- Testing and Commissioning
- Underground Collector System Design
- Conceptual Design of On-Site Communications

ENERGY STORAGE

- Site Feasibility Analysis
- Preliminary Engineering
- Interconnection Request Preparation
- Detailed Design
- Testing & Commissioning Support

OPERATIONS & MAINTENANCE

- Receive Alarm Event Notifications
- Identify & Coordinate Warranty-Related Efforts, Review & Assign Corrective Actions
- Review Site Abnormalities & Recommendations for Remediation
- System Performance Analysis- Actual vs. Benchmark
- Site Inspections/Investigations
- Annual System Health Check up
- IV Curve Trace Testing (Solar)

POWER ENGINEERING

- Combined Heat and Power (CHP) Studies and Design
- Medium Voltage Distribution Designs
- Certified Energy Management Evaluations
- Mech. Design; Pipe Stress Analysis, & Component Selection
- Campus Power Design
- Microgrid Design Support

ARC FLASH

- Field Investigations to Gather As-Built Data
- Develop System Model of Site
- Perform Short Circuit Analysis
- Perform Selective Coordination Study
- Perform Arc Flash Calculations
- Engineering Analysis and Report of Results
- Recommend Improvements to Reduce Hazard Risks
- Generate Labels on Equipment to Warn of Hazards



EMPOWERING ENERGY SOLUTIONS
for the future...today

V 207.621.1077 | F 207.621.1177
INFO@RLC-ENG.COM | RLC-ENG.COM
HALLOWELL | SOUTH PORTLAND | BANGOR