

RAISING THE STANDARDS



***RENEWABLE
CONCEPTS***

Renewable Concepts Inc.

We provide engineering and technical workforce solutions for the rapidly changing demands of the energy industry. We strive for customer satisfaction and help come up with solutions that work for you.

All of our technicians are in-house and we provide all the PPE, tools, and equipment to do most jobs. Renewable Concepts staff takes a vested interest in each project. Nobody cares as much as we do and we will prove it by making a lasting impression while building a long term relationship.

At Renewable Concepts our goal is to provide our customers with the most experienced professionals in the industry. We specialize in special projects, owner's representatives, construction and commissioning managers, I&C technicians, and much more.

Renewable Concepts brings decades of collective experience in power generation to assist client needs with teams who have worked the full spectrum of energy projects from initial development and planning to final turnover and project management services.



SPECIAL PROJECTS

- In Place Machining
- Up Tower Welding
- Up Tower Fabrication
- Welding Inspection
- Welding Consultation
- Offsite Part Fabrication
- Retro Fits



CONSTRUCTION SERVICES

- Construction Management
- Owner's Representation
- Electrical/Mechanical QA/QC
- Electrical Advisors
- Field Assembly
- EHS Management
- Commissioners
- Offshore Capable



FIELD SERVICES

- Turbine/Generator/Gearbox Inspections
- Major Component Replacement
- Gearbox and Generator Alignments
- Torquing & Tensioning
- Break-in Service Maintenance
- Cyclic Maintenance
- Unscheduled Maintenance
- Troubleshooting
- Retro Fits



MAJOR MAINTENANCE

- Program and Project Management
- Logistics Management
- Engineered Lift Plans
- Work Procedure Creations
- Component
- Gearbox

Components Replacement

- Gearbox
- Rotor
- Yaw Bearing
- Blade
- Generator
- Up-Tower Transformers



FABRICATION

- Custom Part Fabrication
- Machine shop
- Welding
- Proto-type Fabrication
- Reverse Engineering



IN FIELD MACHINING

- Engineered Work Instructions
- Up-Tower Machining
- Fastener Removal
- Thread Repairs



OPERATIONS & MAINTENANCE

As an independent provider of operations and maintenance (O&M) services, we align our goals with yours to successfully meet the performance and reliability objectives for your turbines. With our highly effective operational staff focused on safety, environmental compliance, operations, maintenance, training and administration, we implement programs tailored to your program needs.

Our personnel will consistently deliver outstanding O&M performance which goes straight to your bottom line.



Renewable Concepts Inc. was founded on the principle of an honest day's work. We know the best way to contribute to our customers' success is to maintain an open door policy with our clients and our employees.

COMPOSITE WORK

- Blade Inspections
- Blade and Composite Repairs
- Nacelle Repairs
- Coating Repairs
- Engineered Repairs

TOWER DIVISION

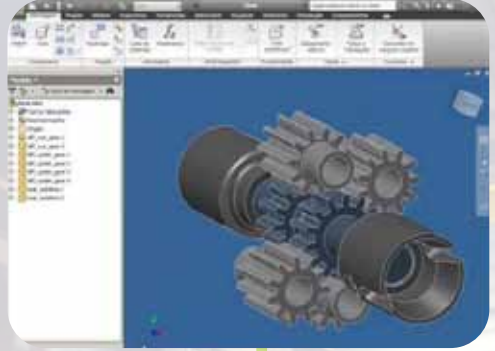
- Structural Welding
- Tower Coating
- Hardware Torqueing programs
- Tower Cleaning
- Engineering RCA's
- Work Procedures
- Onsite Inspections
- Manufacture Validation
- Tower Program Management



ENGINEERING SERVICE

Practical and Intelligent Solutions

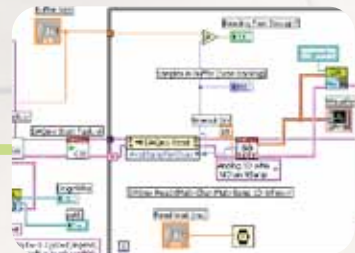
- Turbine Improvement Engineered Solutions
- Product Management
- Product Development
- Root Cause Analysis
 - 8D Problem Solving
- Start Up Support
 - Field Engineering
- Component Obsolescence
- Vender Sourcing



TESTING & INSTRUMENTATION

Efficiently Achieve your Design Intent

- Prototype/Production Validation
- IEC 61400
 - Acoustic
 - Power Curve
 - Mechanical Loads
 - Power Quality
 - Structural
 - Lightning Protection
- Component/System Data Acquisition
- Thermal Efficiency
- Weld Scan
- Test Design



ENGINEERED AVAILABILITY

Effectively Manage any Fleet of Turbines

- Reliability Engineering
 - System Reliability Modeling
 - Performance Diagnostics
 - Performance Rectification
- Routine Field Engineering Presence
- Advanced Troubleshooting Technology
 - Troubleshooting Knowledge Center
 - Interactive Schematic Technology
 - 24/7 Technical Support
 - Scheduled Training Program
 - Procedures
- Component Sourcing
- Enterprise Resource Planning
- Maintenance Programs



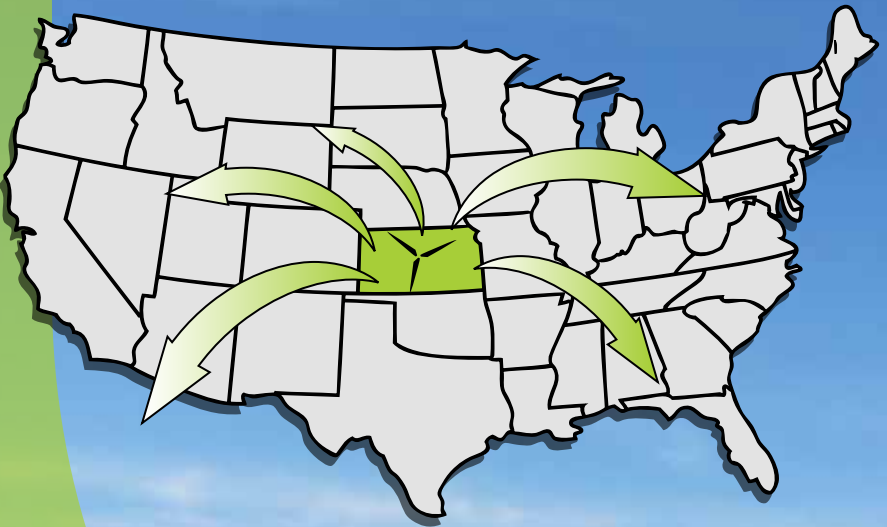
MISSION OBJECTIVES

- We will raise the standards in the industry
- Dedication to safety
- Commitment to quality
- Developing a beneficial, lasting partnership



Our Promise

"We will be the best in the industry by providing value added services and are committed to building a partnership with our customers."



Address: 8170 Highway 39 Chanute, KS 66720

Phone: 620.431.4141

Fax: 620.431.4173

General Inquiries: inquiries@renewableconcepts.com

Web: renewableconcepts.com