

Safety & Operational Excellence Management Framework

MANAGING SAFETY, WORKFORCE EXECUTION, AND QUALITY AT SCALE

At **Renewable Concepts**, we eliminate gaps between the field and office through standardized, digitized operating processes supported by integrated digital systems.

This approach enforces disciplined execution, consistent training, and strict adherence to safety protocols, including PPE, Lockout/Tagout (LOTO), and Job Safety Analysis (JSA), while delivering real-time visibility and measurable performance across every project.

DIGITIZED OPERATIONS PLATFORM

CONNECTING FIELD EXECUTION TO OFFICE OVERSIGHT

Our integrated digital platform enables structured job execution in the field while providing real-time visibility for project managers and leadership teams.

FIELD-LEVEL EXECUTION

- Guided digital workflows that standardize task execution
- Mandatory safety verification including PPE, LOTO, and JSA completion
- Scope-driven work instructions aligned with project requirements
- Field verification and technician sign-off for completed tasks

OFFICE-LEVEL VISIBILITY

- Real-time monitoring of job progress and execution quality
- Workforce readiness and crew assignment visibility
- Safety compliance and inspection tracking
- Centralized documentation and reporting

THE DIGITAL CONTROL LOOP

PLAN → EXECUTE → VERIFY → MEASURE → IMPROVE

This operational framework ensures every project is executed safely, consistently, and efficiently while enabling continuous improvement across our operations.

SAFETY COMPLIANCE & PPE ENFORCEMENT

Renewable Concepts leverages digital automation to manage recurring inspections and required safety documentation.

All safety records are maintained digitally and remain fully traceable throughout the project lifecycle. This system ensures regulatory compliance while reducing the administrative burden on project managers and field leadership.

Digital inspections also enable automated reporting and performance tracking that strengthens safety accountability across the workforce.

JOB EXECUTION & QUALITY ASSURANCE

Safety, quality, and accountability are built directly into our job execution process.

Our digital systems support:

- Digital completion reports
- Evidence-based verification including photos and documentation
- Scope completion confirmation
- Quality checkpoints integrated within task execution

This ensures that work is verified in the field before the job is considered complete.

MANPOWER & PROJECT MANAGEMENT

Project staffing and scheduling are digitally managed through Microsoft Dynamics 365 and Microsoft Project, providing real-time visibility into workforce deployment and project execution. This enables leadership to effectively manage:

- Workforce readiness and staffing levels
- Project schedules and task assignments
- Safety compliance and reporting
- Execution quality and performance tracking

KPIS, VISIBILITY & CONTINUOUS IMPROVEMENT

Our digital operations platform provides measurable performance data that drives operational improvement. This closed-loop system ensures that:

- Safety requirements are consistently enforced
- Work is executed according to scope and schedule
- Field quality is verified in real time
- Performance metrics support continuous improvement

THE RESULT

CONTROLLED EXECUTION: Standardized processes ensure work is performed safely and consistently.

MEASURABLE RESULTS: Real-time data and performance metrics provide full visibility into project execution.

REPEATABLE OPERATIONS: Digitized workflows and trained personnel ensure reliable outcomes for every project.

TECHNICIAN TRAINING & WORKFORCE READINESS

Renewable Concepts maintains a structured workforce development program to ensure technicians are properly trained and qualified for each project's scope and risk level. Our workforce readiness model includes:

- Standardized onboarding and qualification tracking
- Role-based training and certification requirements
- Skills aligned to job scope and operational risk
- Real-time workforce availability and readiness tracking

Renewable Concepts delivers disciplined field execution through digitized operating processes and integrated digital systems—ensuring safety, quality, and performance on every project.



OUR SERVICES

GENERAL SERVICES

Maintenance

(Torque, Tension, and Lubrication):

- Break-Ins
- Preventative/Annual
- Base bolt Tensioning
- Site Support/Backfill
- Troubleshooting
- Gearbox & Hydraulic Lubricant Exchanges
- Retrofit Campaigns

Inspections:

- End of Warranty
- Pre and post Repower
- QA/QC

LARGE CORRECTIVE

- Yaw Drive Replacement (without use of an external crane)
- Pitch Drive Replacement
- Pitch Ram Replacement
- Generator Replacement
- Single Blade Replacement
- Gearbox Replacement
- Main Bearing Replacement
- Pitch Bearing Replacement
- Rotor Replacement

COMPOSITES

Blade Repairs at Height:

- Lightning Damage
- Leading Edge Protection
- On Site Pre-Erection Repairs
- Blade Inspections
- Blade Balancing
- Nacelle Repairs
- Part Fabrication

FLUID CHANGE SERVICES

- Gearbox Oil Changes
- Yaw Drive Fluid Changes
- Pitch Drive Fluid Changes
- Anti-Freeze & Cooling System Changes

WELDING & MACHINING

- Frame Welding Repairs
- Welding & Machining at Height (Uptower)
- Yaw/Pitch Tooth Repair & Replacement
- Yaw & Slew Ring Milling
- Major Structural Repairs
- Bolt Extraction, Heli-Coil
- Braking Surface Restoration
- Tower Deck Brackets
- Complete Fabrication Facility Available for Projects Large & Small
- Blade Stands, Fixtures & Tooling