



OWNER'S ENGINEERING

At RMS Energy, we provide Owner's Engineer services with technical oversight and strategic guidance through every stage of the project life cycle. From early planning and feasibility to procurement, construction, and commissioning, we apply proven expertise to reduce risk and guide informed decisions. We develop specifications, review design submittals, and provide technical support—ensuring projects meet performance, budget, and regulatory goals.



⚡ STRATEGIC GUIDANCE TO MEET OPERATIONAL OBJECTIVES ⚡

⚡ TECHNICAL OVERSIGHT ⚡ TRUSTED ADVISORS AND ASSET PRE-ACQUISITION ADVISORY ⚡

⚡ PROCUREMENT, CONSTRUCTION, AND COMMISSIONING SUPPORT ⚡ DESIGN AND SPECIFICATION REVIEW ⚡

OUR SERVICES

TAILORED SOLUTIONS EMPOWERING CONFIDENT DECISIONS THROUGH EXPERT OVERSIGHT

Common Project Challenges

⚡ SCOPE DEFINITION & ALIGNMENT CHALLENGES

- Evolving or unclear project scope and technical requirements.
- Misalignment between owner, EPC, OEMs, and vendors.
- Limited stakeholder engagement during early project phases.
- Poorly defined roles, responsibilities, and decision-making authority.
- Ineffective interface coordination and risk management.
- Difficulty translating project goals into engineering deliverables.

⚡ DESIGN REVIEW & QUALITY REVIEW CHALLENGES

- Reviewing large volumes of design documentation under tight timelines.
- Ensuring compliance with performance, safety, and quality standards.
- Fragmented or siloed review processes across disciplines.
- Inconsistent quality control across EPCs, OEMs, and vendors.
- Difficulty integrating stakeholder feedback into evolving design packages.

⚡ CHANGE MANAGEMENT & SCHEDULE DELAY CHALLENGES

- Managing design and scope changes without impacting cost or schedule.
- Balancing flexibility with contractual obligations and performance targets.
- Delays driven by design approvals, procurement, or permitting bottlenecks.
- Limited visibility and control over contractor progress.

RMS Energy Offerings

⚡ EFFICIENT & EFFECTIVE MANAGEMENT

- Guidance through the design process, using extensive industry experience to highlight known/common constraints to address at the start.
- Proactive coordination of EPC contractors, vendors, and system operators.
- Active engagement with OEMs/suppliers to prevent procurement delays.
- Efficiently manage flow of information, design requirements, and inputs.
- Experts well versed in region specific performance, safety, and compliance standards.

⚡ INTERCONNECTION & COMPLIANCE MANAGEMENT

- Perform system impact and facilities studies.
- Perform special studies (e.g. control interaction and sub-synchronous resonance).
- Perform power quality studies to identify and mitigate potential issues such as harmonics, voltage sags, and transients.
- Address unique challenges of complex loads, captive generation, and process-critical equipment.
- Review reports, technical documentation and provide expert representation.
- Industry experts on Grid code compliance.
- Perform compliance studies and gap analyses.
- Industry experts on NERC, PRC, MOD, and CIP standards.

⚡ COMMISSIONING SUPPORT

- Factory Acceptance Testing (FAT)
- Site Acceptance Testing (SAT)
- RTDS Testing
- Performance Testing
- Post-event Analysis and C&P Improvement

WHY CHOOSE RMS ENERGY?



EXPERTISE



CUSTOMER FOCUS



INNOVATION



SAFETY



Connect with us to learn more about how we can support your power system needs and help you achieve your energy goals.



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