



Owner's Engineer Services for Power Plant Projects

Independent Expertise, Protecting Your Investment

At **Keentel Engineering**, we provide comprehensive **Owner's Engineer (OE) Services** for power plant projects across conventional, renewable, and hybrid energy systems. With **30+ years of electrical and power engineering experience**, we act as your trusted technical advisor, ensuring your project is designed, built, and commissioned to the highest standards.

Our Owner's Engineer Services

Pre-Project & Feasibility

- Independent technical due diligence
- Grid interconnection studies and feasibility assessments
- Conceptual designs, cost estimates, and risk analysis

Design Review & Oversight

- Review of EPC contractor designs and specifications
- Compliance verification with **NERC, IEEE, IEC, NEC, and ISO/RTO standards**
- Optimization of electrical, control, and protection systems

Construction & Project Management

- Monitoring of contractor performance and schedule adherence
- Quality assurance / quality control (QA/QC) inspections
- Site reviews of equipment installation and system integration



Testing, Commissioning & Handover

- Witnessing FAT/SAT, performance tests, and grid compliance testing
- Validation of dynamic models (PSSE, PSCAD, ETAP, PowerFactory)
- Final acceptance support and as-built documentation review



Why Choose Keentel Engineering?

-  **Independent & client-focused** — protecting owner's interests first
-  **30+ years of proven expertise** in electrical and power systems
-  Strong background in **renewable integration, substations, and POI design**
-  Advanced tools and software for **system modeling, compliance, and validation**
-  Trusted by **utilities, developers, and investors** for mission-critical projects