

RENEWABLE POWER SERVICES

TECHNOLOGY EXPERTISE:

- Wind turbine generators
- Solar PV
- Battery storage
- Electric vehicle charging infrastructure
- Microgrid
- Biomass
- Solar thermal
- Geothermal heat
- Hydro / pumped storage



As trusted consultants in the renewable energy industry, ENTRUST offers extensive experience and depth of knowledge across the entire industry of electric generation, transmission, and distribution.



SAMPLE SERVICES

OWNER'S ENGINEER (OE) / INDEPENDENT ENGINEER (IE) SUPPORT SERVICES

ENTRUST provides strategic guidance through methodologies such as interconnection studies and case-specific analysis in all phases of project conception, development, planning, construction, commissioning, and operation.

FEASIBILITY STUDIES & FINANCIAL MODELING

ENTRUST has the expertise to perform feasibility studies and budgetary estimates for clients pursuing a site for a renewable energy project. Support includes resource assessments in PVsyst and detailed cost and financial modeling, as well as loan and grant application services.

INTERCONNECTION SUPPORT & STUDIES

ENTRUST provides support for interconnection requests, power flow studies, and cost estimates, as well as full interconnection application support throughout the process.

DETAILED ENGINEERING / DESIGN SERVICES

ENTRUST has a national, multidisciplinary engineering and design team that can support the creation of detailed design drawings and procurement specifications for renewable project electrical interconnections (transmission, distribution, and substations), BOP structures and equipment, and SCADA.

BID SUPPORT & EVALUATION

ENTRUST has engineers of all disciplines capable of preparing and reviewing Requests for Proposals (RFPs), specifications, and bids for renewable energy project procurement and construction.



PERMITTING & ENVIRONMENTAL SUPPORT

ENTRUST has a local presence across the US and can offer permitting and environmental support services, including spill plans (SPCC), storm water pollution prevention plans (SWPP), and other similar regulatory activities.

CONSTRUCTION MONITORING

ENTRUST can support owners with construction monitoring tasks like EPC oversight, and progress and budget reviews required by financiers to satisfy debt requirements.

COMMISSIONING SUPPORT

ENTRUST can provide commissioning and performance testing support in an OE/IE capacity to ensure as-built generation operates according to specifications.

NERC REGULATORY & COMPLIANCE MANAGEMENT

ENTRUST provides field testing, modeling (PSCAD, PSSE, PSLF), protection event analyses, and consulting services across all areas of compliance with NERC Reliability Standards for Generator Owners, including renewable plants and offshore wind facilities. We can support NERC compliance requirements for MOD-025, MOD-026, MOD-027, and MOD-032, and other regional/ISO specific requirements.