Today’s complex and fast-moving electric energy industry demands a spectrum of complementary talent. ESTA International’s in-house expertise, along with our partnerships, and alliances with other specialized firms, enables us to provide a wide range of technical and business consulting services to tackle any challenge.

UNDERSTANDING.
Years of practical experience and vision in the electric energy industry combined with a broad range of business knowledge, operational experience, program management, policy development, and technology innovations enable us to understand and provide results with your whole business strategy in mind.

CLIENT-FOCUSED.
We develop collaborative partnerships with our clients by listening and personalizing our work to meet current needs while also thinking ahead about future goals. We deliver on time and on budget. ESTA provides big firm knowledge and expertise but with small firm values – we listen, we are accessible and the same ESTA consultant(s) will work with you throughout a project.

EXPERIENCE.
Our team of experts has decades of proven hands-on experience and exposure to real electric energy business, operational, and technological needs around the globe. Nothing beats experience when it comes to making effective decisions, solving problems, developing strategies, recommending systems or knowledge transfer for the long-term.

INDEPENDENCE.
ESTA is not affiliated with any vendor or product. We are completely impartial and work on behalf of our clients in meeting their project objectives.

Our Services

STRATEGY AND OPERATIONAL IMPROVEMENT SERVICES
• Gap analysis and requirements development
• Business case and cost-benefit analysis
• Grid modernization strategy, roadmap and implementation plan
• Organization impact analysis, training and capacity building

PROCUREMENT SERVICES
• Development of specifications
• Vendors’ maturity assessment and market study
• Bid evaluation and statement of work development
• Support for managing suppliers and contractors

PROJECT MANAGEMENT AND SUPERVISION SERVICES
• Project management
• Technical document and design review
• Acceptance testing (FAT, SAT) supervision
• Quality assurance

Areas of Expertise
• Operational Technologies (SCADA, EMS, DMS, ADMS, OMS, Distribution Automation, RTUs, and Substation Automation)
• Enterprise Enabling Technologies (Business Process Management, Enterprise Application Integration (IT-OT), Communication Technologies, Networks, and Cyber Security)
• Smart Grid (Smart Metering, AMI, Demand Response, PMU, Renewable Energy Sources Integration, Battery Energy Storage System, Testing Facilities)
• Distributed Energy Resource Management (DERMS) and Microgrids
• Power Systems Studies and Engineering Services (VVO/CVR Measurement and Verification (M&V))
• Digital Substations and IEC 61850
• Network Model Management and CIM (IEC 61970/61968)
• Wholesale Electricity Market Operations