

PROINERGY

PROJECTS & ENERGY ENGINEERING

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COMPANY PROFILE

Description:
Consulting Services, Engineering, Design and Execution of Energy Projects.

PROINERGY
(Projects & Energy Engineering)

About Us

PROINERGY is a Nicaraguan engineering company with more than 16 years of experience in the energy sector, specializing in electrical engineering, renewable energy solutions, and energy efficiency. Our multidisciplinary team provides comprehensive project management and technical expertise, delivering integrated solutions that encompass planning, engineering design, implementation, commissioning, and technical support for energy infrastructure projects.

Throughout its trajectory, **PROINERGY** has successfully participated in high-impact projects that have contributed to Nicaragua's energy development. Key milestones include the implementation of the country's first distributed-generation photovoltaic power plant, the supervision of distributed-generation systems integrated with diesel generators, and the design and installation of battery energy storage photovoltaic systems for rural communities, electrical substations, and telecommunications networks. In parallel, the company has developed energy-efficiency initiatives aimed at optimizing energy consumption and improving the operational sustainability of its clients.

Today, **PROINERGY** is recognized as a trusted provider of integrated energy solutions and turnkey projects, delivering specialized services in engineering, procurement, installation, commissioning, and technical training. Our portfolio includes industrial electrical installations, energy audits and assessments, tariff analysis, energy cost optimization, and advanced solutions for the efficient and sustainable management of energy resources.

Our Services

- Electrical Engineering & Design: We provide specialized engineering services for both new and existing facilities, including low- and medium-voltage electrical system design, AutoCAD drawings, engineering calculations, technical specifications, bill of materials development, and project budgeting.

- Electrical Infrastructure Installation & Commissioning: We execute turnkey projects involving the supply, installation, testing, and commissioning of industrial electrical systems, including power generators, transformers, distribution boards, load centers, grounding systems, and electrical protection systems. Our expertise also covers electromechanical installations such as cable tray systems, electric motors, pumps, compressors, variable frequency drives (VFDs), motor control centers (MCCs), and related industrial process equipment.

- Power Quality & Backup Power Systems: We implement solutions designed to enhance the reliability and efficiency of electrical installations through reactive power compensation banks, UPS systems, automatic transfer switches (ATS), energy metering systems, and energy monitoring platforms, ensuring operational continuity and optimized energy consumption.

- Renewable Energy & Energy Efficiency: We design, install, and modernize grid-connected photovoltaic systems, both with and without battery energy storage, tailored to our clients' self-consumption requirements. These services are complemented by energy audits, specialized consulting, and energy-efficiency projects focused on reducing operating costs, promoting responsible energy use, and strengthening business sustainability.

- Maintenance & Optimization of Electrical Assets: We provide preventive, predictive, and corrective maintenance services for industrial electrical systems, power generators, low- and medium-voltage transformers, and photovoltaic installations. Additionally, we conduct energy diagnostics, tariff assessments, and optimization strategies aimed at maximizing equipment reliability while reducing operating costs.

Certifications & Licenses

- Internal Auditor Certification in Energy Management Systems under the ISO 50001 Standard, issued by the Colombian Institute of Technical Standards (ICONTEC), Colombia.

- Certification in Medium Voltage Cable Terminations, Splices, and Elbows Connectors, issued by 3M, Electrical Markets Division, Central America and the Caribbean.

- Electrical Engineer License, issued by the Dirección General de Bomberos (DGBN), Nicaragua.

Contact Information

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