

Electrical assessment & maintenance

AUDIT · PERFORMANCE · ADAPTABILITY

Assess. Improve reliability. Sustain.

PROJECT REFERENCES AND PROFESSIONAL EXPERIENCE

www.iebat.fr

2026 edition

Assessment and modernisation

Installation condition, available capacity and compliance upgrades.



Coulommiers - Restaurant premises

Design & site supervision · Design & build

€750k total / €130k electrical

Assessment of the existing power supply, analysis of available capacity against the restaurant’s requirements and studies of connection and distribution adaptations.



Safran - Évry-Corbeil, BM and Dent 6

Design & site supervision · Design & build

€7m total / €1.5m electrical

Assessment of existing electrical networks in Buildings BM and Dent 6, analysis of distribution capacity, and definition of supplies, protective devices and switchboards to be upgraded.



Foujita House and Studio

Design & site supervision · Design & build

€1m total / €150k electrical

Refurbishment studies for the electrical infrastructure: replacement of the main switchboard, upgrading of protection and earthing, and integration of networks within heritage constraints.

Operational continuity

Modernisation in occupied buildings and installation inspections.



Safran - Villaroche, Building 12

Design & site supervision · Design & build

€23m total / €5m electrical

Study of MV infrastructure refurbishment phasing, interfaces with existing networks and the arrangements required to maintain the industrial power supply.



La Garenne-Colombes - René Guest

Design & site supervision · Design & build

€7m total / €850k electrical

Inspection of switchboards, voice/data/image networks and emergency lighting, identification of deviations, pre-handover inspections and follow-up of corrective actions.

Maintain installation availability

Assessment of existing systems enables work to be prioritised, replacements to be planned and the conditions for integrating new equipment to be defined without compromising continuity of service.

Our maintenance approach

Engineering, operation and performance of electrical assets.

Audit and assessment

Inventory, condition and ageing, obsolescence, remaining service life, and analysis of risks and available capacity.

Preventive maintenance

Definition of maintenance procedures and intervals, inspections, testing, work scheduling and advance planning of replacements.

Corrective maintenance

Fault analysis, root-cause investigation, definition of corrective actions and verification of the conditions for returning equipment to service.

Compliance and safety

Analysis of deviations from applicable requirements, prioritisation of defects and definition of compliance upgrade works.

Energy performance

Analysis of consumption and load profiles, identification of losses and opportunities for energy optimisation.

Adaptability and feasibility

Capacity studies, integration of new equipment, adaptation of protection and investment planning.

I.E.BAT



Design with precision.
Support with exacting standards.

Electrical amounts: all electrical works for each project, not broken down by discipline.

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Building electrical engineering