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EXPERIENCES

Group Energy Manager

Data 4 - Since September 2022

Deployment and management of the group energy strategy :

- Definition of the Energy Efficient Program (EEP)
- Designing, implementing, monitoring and coordinating energy performance projects
- Optimizing energy supply (purchasing and energy mix) and development of a PPA (Power Purchase agreement)
- Ensuring the management and the compliance of all Energy Efficiency certifications such as ISO 5001, Code of Conduct ...
- Management, supervising and goal-setting improvement projects for energy KPI
- Support the Data4Good Program to develop D4 sustainability road map
- Support and collaborate with the various D4 departments, providers and customers to deal with energy-related topics

Energy project manager / Energy efficiency consultant

Certinergy & Solutions - July 2019 to September 2022

Leading energy efficiency projects and their financing solution in the industrial sector:

- Realization of energy efficiency roadmaps on industrial sites (all industrial fields)
- Carrying out technical-economic studies to detect sources of energy savings
- Design and costing of energy efficiency projects (diagnosis, analysis, design, sizing) of buildings and industrial infrastructure
- Management of multi-technical projects in an industrial setting
- Optimization of systems and their processes with a view to a reasoned and optimized use of energy resources
- Partnership agreement management

Energy and Environment manager

VINCI Facilities - January 2017 to June 2019

Management and animation of the energy efficiency and environmental approach for tertiary buildings and data centers (perimeter of 1,000,000 m2):

- Guarantor of the energy commitments of the CPEs (Energy Performance Contracts)
- Proposal of energy performance actions and management of associated works
- Reporting and monitoring of energy and environmental performance indicators
- Technical support to the operating teams in the conduct and supervision of electrical and HVAC installations
- Supervision, management, and development of energy & water consumption management tools
- Environmental management: ICPE management, Waste, HQE certification (High environmental quality)
- Management of innovative projects (IOT, BIM, Smart Building, etc.)
- Management of the CSR approach (Annual CSR report, ECOVADIS approach, etc.)
- Energy and environmental regulatory watch
- Team management

BU Energy Manager

Groupe Avril - January 2016 to December 2016 - Laval - France

Implementation of the national energy management system structured by ISO 50001 standard on 11 industrial sites:

- Execution of the group's energy policy
- Realization of the energy diagnosis, proposal and implementation of energy saving works
- Revision of energy purchase contracts
- Carrying out energy reviews and internal audits
- Establishment of the energy performance improvement program
- Writing of the energy management manual and management guides
- Transversal sites management / Team management

Energy performance engineer

DELPHI Powertrain Systems - March 2015 to October 2015 - Internship - Blois - France

- Realization of the energy diagnosis →Analysis of energy consumption data
- Identification of factors influencing consumption
- Identification of potential energy savings →Realization of the monthly energy performance review
- Proposal for quantifying energy saving actions and their implementation
- Training and awareness of staff in the EMS and energy savings
- Negotiation of contracts with several providers service for the valuation of the energy saving certificate
- Certification to ISO 50001 Training of more than 600 employees Improved energy performance of the site

Business Engineer and Development EZMERALDA

SNCF INFRA - May 2014 to August 2014 - Internship - Saint Denis - France

- Development of a mapping module for current sensing areas in the IDF region
- Getting to know the EZMERALDA application
- Development of computer tools for the extraction of consumption substation records
- Extraction of the indicators specific to the activity sizing of the installations

Project Manager

John Deere - July 2013 - Internship - Orléans - France

- Manufactures diesel engines from 48 to 275 hp (36 to 205 kW)
- Establishment of specifications for the management of defective parts to improve the "Customer Quality" base:
 - Expression of needs
 - Selection of adequate solutions
 - Drafting specifications
 - Animation of the user team (IT service provider and customer quality service)

Automation technician

LEONI Wiring Systems - May 2012 to August 2012 - Internship - Berrechid - Morocco

- Specialist company in the field of cables and harnesses for the Automotive sector
- Integration of safety signage and production monitoring system in a corking machine
 - Reprogramming of the SIMATIC S7-300 of the corking machine:
 - Integration of the safety signalization
 - Correction of the program
 - Programming the electronic card for digital coin counting
 - Choice, cabling and hardware connection

Energy Manager

HOLCIM - December 2011 to January 2012 - Internship - Settat - Morocco

- Holcim is one of the world's largest producers of cement
- Energy management by workshop and by time slot:
 - Tracking energy consumption (electricity + gas)
 - Establishment of consumption indicators + reporting
 - Control and monitoring of the subscribed power

Thermal power plant technician

Groupe OCP - August 2011 to September 2011 - Internship - Safi - Morocco

OCP (Office Cherifien des Phosphates) is one of the world's leading exporters of phosphate rock, phosphoric acid and phosphate fertilizers around the world

Field study of the thermal power station, the HT / MT transformation, the TBGT installation and the power supply of the SEM station (seawater overpressure device)

Assistant site manager in electrical installation

PROTELEC - July 2011 to August 2011 - Internship - Casablanca - Morocco

Specialist company in electrical engineering

Follow-up of the electrical installation works of the 5-star Sofitel Casablanca hotel:

- Site supervision
- Management Planning and Progress of works
- Participation in meetings between the technical office and the client

SKILLS

PROJECT CONDUCT - MANAGEMENT OF ORGANIZATIONS

- Project management ★★★★★
- Analytic methods (systemic, functional, risk, ...) ★★★★★
- Economic Analysis ★★★★★
- Financial Management / Controlling / Accounting ★★★★★
- Business Plan / Marketing ★★★★★☆
- MS Project ★★★★★

ENERGY

- Energy efficiency of buildings, Industry and Transport ★★★★★
- Environmental certification and advice ★★★★★
- Thermal study and simulation ★★★★★
- Environmental and energy impact studies ★★★★★
- Audit ★★★★★
- Regulatory watch ★★★★★
- NF EN 16247 ★★★★★
- ISO 50001 ★★★★★
- ISO 14001 ★★★★★

PRODUCTION - AUTOMATISM

- Method and Industrialization ★★★★★
- Continuous improvement ★★★★★
- Maintenance management ★★★★★
- Lean Management ★★★★★
- systems supervision / automated systems ★★★★★
- Acquisition and instrumentation ★★★★★
- Digital service ★★★★★
- GMAO ★★★★★

ENERGY - ELECTRICAL SYSTEMS - ELECTRONICS

- Dimensioning of energy systems ★★★★★
- Production, transmission and distribution of electric energy / renewable energy ★★★★★
- Reliability of components and systems ★★★★★
- Integrated systems design ★★★★★
- High frequency electronics ★★★★★
- Microelectronics technology ★★★★★
- Components and power applications ★★★★★
- Autocad ★★★★★
- Caneco BT ★★★★★
- Step 7 Siemens ★★★★★
- Matlab ★★★★★
- LabVIEW ★★★★★
- PVsyst ★★★★★

EDUCATION

Master in Management and Business Administration

IAE, TOURS - FRANCE

September 2015 to December 2015

Electronic and electrical energy systems engineer

POLYTECH, TOURS - FRANCE

September 2012 to October 2015

Electromechanical engineering

UNIVERSITY OF QUEBEC IN ABITIBI-TÉMISCAMINGUE, ROUYN-NORANDA - CANADA

July 2014 to December 2014

Electrical Engineering License

FACULTY OF SCIENCES AND TECHNOLOGIES, SETTAT-MOROCCO

September 2011 to August 2012

