

George Enache

Romania



enache_george0000@yahoo.com



linkedin.com/in/george-enache-99a93614



Summary

Experienced Head Of Department with a demonstrated history of working in the utilities industry. Skilled in Project Management, Contract Management, CAPEX, OPEX, Power Systems and Renewable Energy. Strong information technology professional with a Master's Degree focused in Advanced Technologies for Power Systems from University POLITEHNICA of Bucharest and an outgoing MBA program focus on the Energy Business form FABIZ.

Experience



Head Of Investments Monitoring Department

Electrica

Feb 2018 - Present (3 years 10 months +)

- Responsible in term of planning, implementation and monitoring of the annual Investments Commissioning Program for OD - Electrica Distribution Romania (DEER), approved by the Romanian Energy Regulatory Authority. Elaborate the revision of investment works plan – October.
- Responsible for the Ex-Post investment works recognition by the Romanian Energy Regulatory Authority: supervising the main investment indicators and cost benefit analysis carryout for the project with form Investment Plan.
- Monitoring and coordinating the portfolio of projects with European funds and BEI and EBRD , within the Company Group.
- Representing the interests of the company in relation with Romanian Energy Regulatory Authority, Ministry of Energy, Ministry of European Funds, ACUE, local and central authorities.
- Drafting and reviewing of internal procedures, adaptation of ELSA policies according with Romanian legislation and application.
- According support to the Regulation Department for answers to Romanian Energy Regulatory Authority deadlines requests – elaborate supporting memorandum for the justification of investment works, elaborate efficiency studies for the justification of investment works.
- Responsible for the Quarterly Investment Report for EBRD and others beneficiary.
- Monitor the subcontractors for the works and for material supply for the project of the Annual Commission Plan.

Accomplishmen:

- Achievements as a percentage of >98% of, 2019 and 2020 Investment Commissioning Program, approved by Romanian Energy Regulatory Authority for the DSO of Electrica Group.
- Achievements as a percentage of >98% of, 2019 and 2020 Investment CAPEX Program, approved by Board of Directors of Electrica Group.
- Implementation of Internal Investment Execution Works Department in the DSO of Electrica Group.
- Obtain financing from IEB and EBRD for Investment Plans of the DSO in the Electrica Group.
- Cost - Benefit Analysis for investment project financed from Modernization Found.

Enel Group

Apr 2013 - Feb 2018 (4 years 11 months)

Responsibilities:

- Elaborate the annual investment Capex and Commissioning Annual Investment Plan for Enel Distribution, in order to be sent to Romanian Energy Regulatory Authority for approval and investment works recognition. Elaborate the revision of Commissioning Annual Investment Plan – October.
- Revision of internal procedures, adaptation of global Enel policies according with Romanian legislation and application.
- According support to the Regulation Department for answers to Romanian Energy Regulatory Authority deadlines requests – elaborate supporting memorandum for the justification of investment works, elaborate efficiency studies for the justification of investment works etc.
- Realization of perspective study (+5 Years and +10 Years) for network optimization in terms of networks reinforcements and losses, considering multiple scenarios of consumption growth.
- Elaborate all the dynamic regime calculations with modeling programs in order to analyze the connection and influence of energy producers to the grid (load-flows, contingencies, short-circuit currents). These verifications are made on MV and HV level depending of the magnitude of the power plant.
- Find solutions for the connection of renewable energy in order to respect legal terms regarding the quality and safety of the power distribution process.
- Part member of MV and LV Technical and Economic Committee secretary of the HV Technical and Economic Committee.

Accomplishments:

- Taking Part of Enel International Mobility Training - 12 Months in Italy - experience exchange program for Network Development activity. Carrying out technical expertise to verify the connected producers (wind and solar) in the southern part of Italy.
- Project Manager for ATLANTE Software implementation - Investment planning tool - 900 keuro. - Involved in the verification and approval for over 50 Solution Studies for the connection of producers (wind and solar) to the distribution grid.

 **Electrical Design Engineer - High Voltage Design Department**

Enel Group

Jun 2009 - Apr 2013 (3 years 11 months)

Design the primary and secondary side (protection relay system) of HV/MV substations.

My responsibilities in achievement and implementation of the projects are:

- Setting up the project stages in order not to affect consumers and grid;
 - Realization of the electrical diagrams both primary and secondary side (protection relays);
 - All cost estimations for the equipments and labor;
 - Elaboration of all drawings of the project (final situation - AS BUILDD) and all details for installing different equipments;
 - Different electrical calculations of equipments and regimes;
 - Project management during implementation of the project;
- Accomplishments:**
- Appointed Project Manager responsible for over 10 HV/MV substations design and construction projects and over 10 HV overhead power line modernization projects
 - Named Secretary of the HV Technical and Economic Committee.

Project Manager

Martifer Group

Mar 2008 - Jun 2009 (1 year 4 months)

Responsibilities:

- Project management in terms of funding, resources, implementation and research for windfarms connecting at National Energy System;
- Providing technical support in order to guarantee the correct wind power plant application, bid, construction and operation as well as the auxiliary power output installations;
- Preparing the necessary bidding for the development of renewable energy generating plants and output power lines and managing certificates and environmental conditions process;
- Planning development and supervising the projects technical adaptation;
- Collecting data in order to analyze the new project risks and feasibility and assessment of wind potential in different locations;
- Participating in the design of the common connection infrastructure between the generating plants and the electricity network and preparing network access and grid connections documentation;
- Supervising prepared technical specifications for contracting projects as well as supervising site works, in order to guarantee the correct construction of wind farms;
- Developing and monitoring strategies in order to achieve the company objectives.

Accomplishments:

- Commissioning of Windfarm Babadag 1 with 31,5 MW installed power
- Commissioning of Windfarm Babadag 2 with 8,4 MW installed power
- Commissioning of Windfarm Babadag 3 with 33,6 MW installed power
- Project Management Professional Certification: PMI

Design Engineer

Fichtner

Apr 2007 - Mar 2008 (1 year)

Responsibilities:

- Designing electrical projects for HV transmission line in Romania and abroad;
- Conductor mechanical calculation;
- Supervising the authorizations obtaining process.

Education



Faculty of Business Administration in foreign languages (FABIZ-ASE)

Master of Business Administration - MBA, Entrepreneurship and Business Administration in Energy

2020 - 2022

The goal of this Program is to develop competences for managers and leaders in the Energy Business. The master students will identify the opportunities but also risks related to the Energy Business. Following this Master of Business Administration, students will have a better understanding of the Energy Business and they will have the competences to start new projects in the field. The program helps understanding the connections between performance in business and the management of relation with the stakeholders as suppliers, clients, authorities and banks.

Analysis

Renewable Energy • Project Management • Budget Management • Strategic Planning • Investment Portfolios • CAPEX • Power Distribution • Energy Efficiency • Electrical Engineering • Cost Benefit

Skills

 Authorised Electrician IVA+IIB - ANRE

2703-000100

 Project Management Professional (PMP) - Project Management Institute

Licenses & Certifications

2002 - 2007

Bachelor's Degree, Electrical Power Engineering

 University POLITEHNICA of Bucharest

2007 - 2009

Master's Degree, Advanced Technologies for Power Systems

 University POLITEHNICA of Bucharest