

DOLIANITIS IOANNIS
Submarine Power Cable Design Engineer

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PROFESSIONAL EXPERIENCE

01/2018 – present HELLENIC CABLES GROUP

Submarine Power Cable Engineering

Design Engineer

Member of the Turn Key Project Support team. My main tasks as a cable design engineer involve but not limited to the following:

- Drafting of design reports and method statements for cables and cable accessories
- Investigating, designing and developing dynamic submarine power cables systems
- Performing cable mechanical analyses and cable fatigue analyses
- Acting as technical interface with end clients, CPS providers, operators of CLVs, engineering companies and research centers
- Participation in R&D projects – Development of new products
- Reviewing third parties analyses and studies

03/2014 – 12/2017 Research and Technology Hellas/ Chemical Process and Energy Resources Institute

Research Associate

Member of the project coordination and control department. Responsible for project management, and subcontractors' coordination and control. Responsible for onsite inspections and verifications of the projects. Designs telecommunications networks.

Involvement in EU & Greek funded research projects, algorithms development, technical studies and drafting of funding proposals.

- European Projects:
 - *CO₂ reduction in the ETS glass industry by means of waste heat utilization (CO₂-Glass) SILC – I*
- National Projects / Studies:
 - *Technical support of the Western Macedonia Prefecture regarding the Adriatic Pipeline (TAP) route and the perspective of gas integration into the regional energy mix*
 - *“Energy sources in Greece: Current state and potentials”, study conducted as part of the program: «Social impact and public policies in the fields of energy, industry, urban design and internet infrastructure» (EKKE/ΓΓΕΤ/IKY/SIEMENS 2014-2016)*
 - *Study on electrical load characteristics of LARCO GMMSA and the cost of supply / member of the technical advisors' team during the PPC S.A. – LARCO GMMSA arbitration*

01/2011 – 05/2011 **Hellenic Statistical Authority**
Team supervisor during the 2011 population census

05/2007 – 05/2008 / **OTE SA (Hellenic Organization of Telecommunications)**
06/2010 – 03/2012 **Various sales/administrative position**

ACADEMIC BACKGROUND

09/2011 - 09/2013 **National Technical University of Athens**
School of Electrical and Computer Engineering
Specialisation Master in “Energy production and management”
Postgraduate thesis: Modeling adsorption of volatile tars on activated carbon

09/2005 - 11/2010 **National Technical University of Athens**
Engineering degree in “Mechanical Engineering” (5 year diploma)
Thesis: Unit commitment optimization of thermal power plants using evolutionary algorithms and a new parameterization

SEMINARS AND TRAINING PROGRAMS

3 Days training on ORCAFLEX software (Orcina, Ulverston, UK 2018)
3 Days training on UFLEX software (SINTEF, Trondheim, Norway 2019)
2 Days training on Ansys Mechanical (SIMTEC, Athens, Greece 2019)
3 Days training on Ansys Fluent (CERTH, Athens, Greece 2018)
2 Days training on ISO 9001 Quality, ISO 14001 Environmental and OHSAS 18001 Occupational health and safety management system (TÜV HELLAS SA, Athens, Greece 2018)

SKILLS & ACTIVITIES

➤ **FOREIGN LANGUAGES**

Greek: Fluent (mother tongue)
English: Fluent
French: Intermediate

➤ **COMPUTERS**

Microsoft Office™, ANSYS Mechanical, Autocad, Solidworks, Orcaflex, UFLEX, Fortran

➤ **PROFESSIONAL MEMBERSHIP**

Member of Technical Chamber of Greece (TEE)