



EDDIE PROJECT PARTICIPATED AT THE "THE 2023 IEEE POWER & ENERGY SOCIETY (PES) GENERAL MEETING".

26th November 2023, EDDIE Consortium

EDDIE representatives participated at the 2023 IEEE Power & Energy Society General Meeting that took place in Orlando, USA, on the 18th of July 2023. Prof. Nikos Hatziargyriou from our NTUA partner also delivered a presentation titled "Navigating the digital energy transition: Emerging skill needs and educational tools".

The theme of this year's conference was *Meeting the Energy Needs of a Dynamic World*. The IEEE PES GM is the premier annual power and electrical engineering event that brings together leading PES members, power and electrical engineers, key academics, and engineering students from all over the world. The aim was to provide an international forum for experts to network, promote, share, and discuss vital issues and progressive developments that impact the field of electrical and power engineering.



included The meeting sessions on the Role of Grid Planning to enable Net Zero future, Communications & Cyber Security, Novel Approaches & Emerging Technologies Support to System Operation, Integration of DERs, EVs, and BTM Resources, but also Transmission Advancement for Decarbonization.

Moreover, IEEE Power & Energy Society is fostering and inspiring the next generation of power and energy professionals and, as a result, at the 2023 IEEE Power & Energy Society General Meeting, students benefited by a Student, Industry & Faculty Luncheon and Career Fair, Call for Nominations: Outstanding Doctoral Dissertation and a Student Poster Competition.

With regards to the presentation delivered by Prof. Nikos Hatziargyriou, the first part of it provided insights from the ongoing project EDDIE (Erasmus+), regarding the methodological approach to anticipate skill needs, as well as key takeaways of the emerging skill gaps needed to support the digitalization of the energy sector.

Then, the presentation focused on the national project APEX (funded by H.F.R.I.) and the importance of educating students about energy systems, along with highlights of the project actions. Following, the objectives and operation of IEEE PES Task Force on Innovative Teaching Methods for Modern Power and Energy Systems were introduced.

The Task Force, chaired by Panos Kotsampopoulos and Nikos Hatziargyriou addresses innovative teaching methods and material in modern power and energy systems and promoting advanced technical tools for education and training.

The presentation concluded by highlighting the key takeaways from the hands-on experiences of using advanced technical tools (Hardware In the Loop, virtual and remote labs) gained in the context of the ERIGrid 2.0 project (H2020).



Part of the information presented at the meeting can be seen in the image below:



EDDIE Project is dedicated to identifying the skills needed for the digitalisation of the energy sector in its transition, either through re-skilling, up-skilling, or long-life learning at all levels of education and the Consortium is also supporting initiatives in favour of students (like this one implemented by IEEE Power & Energy Society) that is fostering the next generation of power and energy professionals.

