

**Paper ID : 184-Impact of Electric Vehicle Integration on an Industrial Distribution Network:
Case Study Based on Recent Standards**

CV Summary – ANA SIMARRO GARCÍA

Ana Simarro García obtained the Bachelor's Degree in Mechanical Engineering at the University of Castilla-La Mancha (UCLM), in Spain, between 2015 and 2019, specializing in "Energy Techniques". In 2019 she obtained the UCLM's degree as an Expert in Project Management. Subsequently, she studied the Master's Degree in Industrial Engineering, also at the UCLM. During her undergraduate studies, she completed six months of academic internships as a "mechanical building facilities technician". In 2020, she was hired as an "industrial engineer" in a private company, ending this contract in 2021 with the incorporation as "R&D personnel" in the Renewable Energy Research Institute, until now. After finishing her Master's Degree in 2022, she continued her studies within the PhD program in "Sciences and Technologies Applied to Industrial Engineering", researching on highly topical issues with the main objective of achieving a correct integration of renewable energies in electrical power systems. Thanks to this, she has participated in an R+D+i project financed in a national call, has made contributions to national and international conferences, has reviewed articles and manuscripts in prestigious international journals, and has published an article in a journal indexed in JCR (in the Q2 quartile). Since November 2021, she is part of the "Renewable Energies" research group at UCLM, and is founder and co-founder of CIGRE's international forums "Women in Energy" and "Next Generation Network" of the Spanish's Committee. She has been a speaker at workshops, theoretical-practical conferences and round tables, and a Female Referent in the *Educa2Iguales* Project, giving talks in several educational centers in Castilla-La Mancha, Spain, to primary and secondary school students. She has won the first prize in the "IX Edition of University Master's Thesis Awards", awarded by the Official College of Industrial Engineers of Albacete, as well as a scholarship granted by the French Embassy in Spain for a stay in Paris during the month of June 2023.