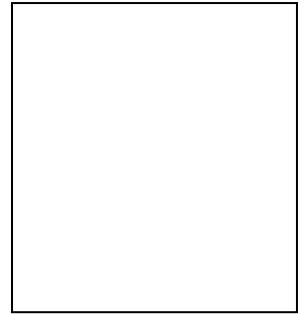


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Paper Title : How Much Training Data Is Enough? An Empirical Study on Load Forecasting for a Distribution Transformer in Germany

Bio :

Mr. Papadopoulos is a Sustainable Energy Engineer and PhD Candidate at the Institute for Sustainable Systems Engineering (INATECH), University of Freiburg, where he contributes to the GrECCo research project. His work focuses on forecasting, energy systems, and machine learning, combining technical modeling with applied research in sustainable energy transitions.

He holds a Master of Science in Energy Engineering – Renewables & Environmental Sustainability from the Polytechnic University of Milan, where he graduated with distinction under a Gold Scholarship, and completed an Erasmus MSc exchange at RWTH Aachen University. He also earned an Integrated MSc in Environmental Engineering & Natural Resources Management from the University of Patras.

Mr. Papadopoulos has gained international research and industry experience across several European countries. He is proficient in Python, energy modeling, and forecasting methodologies, and communicates fluently in Greek and English, with additional knowledge of Japanese, Italian, and German. His academic achievements have been recognized through multiple awards and scholarships for excellence and innovation in sustainable energy research.