ONUR HAKKI EYUBOGLU

Research Assistant (PhD Student)

INFO

Address
Maslak, Istanbul, Turkey

Email
eyubogluo@itu.edu.tr

Website
https://onurhakki.github.io/cv/

Skills
Research & Documentation

Problem Solving

Verbal & Written Communication

Creativity

Python

MS Office

Research Areas
Distribution Networks

Electrical Vehicles

Machine Learning

Meta-heuristic Algorithms

Price Forecasting

Renewable Resources

PROFILE

Working Experience

Research Assistant — **Istanbul Technical University**
Dec 2019- Present — Electrical Engineering Department

As a research assistant, my activities include preparing & evaluating course materials, presenting several parts of courses and more. Some of the courses I have assisted are Electrical Power Quality & Harmonics, Engineering & Project Management, Electrical Engineering Project etc. Also, consulting to BSc students about their thesis are one of my duties. Moreover, following studies were published during my working experience.

- Eyüboğlu, O. H., Dindar, B., & Gül, Ö. (2020, October). Risk Assessment by Using Failure Modes and Effects Analysis (FMEA) Based on Power Transformer Aging for Maintenance and Replacement Decision. In 2020 2nd Global Power, Energy and Communication Conference (GPECOM) (pp. 251-255). IEEE.
- Eyüboğlu, O. H., Dindar, B., & Gül, Ö. (2020, October). Series Resonance Type Fault Current Limiter for Fault Current Limitation and Voltage Sag Mitigation in Electrical Distribution Network. In 2020 2nd Global Power, Energy and Communication Conference (GPECOM) (pp. 256-261). IEEE.
- Polat, Ö., Eyüboğlu, O. H., & Gül, Ö. (2021). Monte Carlo simulation of electric vehicle loads respect to return home from work and impacts to the low voltage side of distribution network. Electrical Engineering, 103(1), 439-445.

Education

Electrical Engineering (BSc) — **Istanbul Technical University**
Dec 2015- Jul 2019 — GPA: 3.06/4

Thesis Topic: Risk Assessment by Using Failure Modes and Effects Analysis (FMEA) Based on Power Transformer
Thesis Advisor: Assoc. Prof. Ömer Gül

Electrical Engineering (MSc) — **Istanbul Technical University**
Sep 2019- Jun 2021 — GPA: 3.38/4

Thesis Topic: Optimal Allocation of Renewable Distributed Generations including Uncertainties by Proposed Novel Algorithm and Hourly Network Analysis
Thesis Advisor: Assoc. Prof. Ömer Gül

Electrical Engineering (PhD) — **Istanbul Technical University**
Sep 2021- Present