

# ONUR HAKKI EYUBOGLU

Research Assistant



## INFO

### Address

Maslak, Istanbul, Turkey

### Email

eyubogluo@itu.edu.tr

## Skills

Research & Documentation



Problem Solving



Verbal & Written Communication



Creativity



Python



MS Office



## Research Areas

Distribution Networks

Distributed Generation

Electrical Vehicles

Machine Learning

Meta-heuristic Algorithms

Price Forecasting

Renewable Resources

## PROFILE

### Working Experience

Research Assistant

Dec 2019- Present

Istanbul Technical University

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)

Dec 2015- Jul 2019

Istanbul Technical University

GPA: 3.06/4

Thesis Topic:

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

Thesis Advisor:

Electrical Engineering (MSc)

Sep 2019- Present

Istanbul Technical University

GPA: 3.38/4

Thesis Topic:

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

Thesis Advisor:

## Personal Interests

Basketball, DIY Projects (Arduino), Guitar, Piano