

## Res. Asst. SEDEF DEĞİRMENÇİ

### Personal Information

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### International Researcher IDs

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### Education Information

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Elektrik - Elektronik Mühendisliği, Turkey 2023 - Continues

Undergraduate, Gazi University, Teknoloji Fakültesi, Elektrik - Elektronik Mühendisliği, Turkey 2017 - 2023

### Academic Titles / Tasks

Research Assistant, Gazi University, Teknoloji Fakültesi, Elektrik - Elektronik Mühendisliği, 2024 - Continues

### Refereed Congress / Symposium Publications in Proceedings

- I. **Modeling, Analysis and Optimization of Energy Management in An Islanded Microgrid**  
Gök R., Değirmenci S., Irmak E., Öztürk N.  
6th IEEE Global Power, Energy and Communication Conference, GPECOM 2024, Budapest, Hungary, 4 - 07 June 2024, pp.537-542
- II. **MPPT Control of Four-Switch Buck-Boost Converter: A Model Predictive Approach**  
Öztürk N., Değirmenci S.  
12th International Conference on Smart Grid, icSmartGrid 2024, Hybrid, Setubal, Portugal, 27 - 29 May 2024, pp.799-804
- III. **Investigation of The Circulating Current Based on The Power Sharing with The Droop Control Method in The Parallel-Connected Inverters**  
Degirmenci S., ÖZTÜRK N.  
12th IEEE International Conference on Renewable Energy Research and Applications, ICRERA 2023, Oshawa, Canada, 29 August - 01 September 2023, pp.548-555

### Metrics

Publication: 3