

İbrahim Çağrı Barutçu - Curriculum Vitae

CONTACT INFORMATIONS

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EDUCATION

- 1) B. Sc., Eskisehir Osmangazi University, Electrical – Electronics Engineering, Eskisehir, Turkey, Sep. 2006 – Jun. 2011.
- 2) M. Sc., Ege University, Electrical – Electronics Engineering, Izmir, Turkey, Sep. 2012 – Dec. 2014.
- 3) Ph. D., Ege University, Electrical – Electronics Engineering, Izmir, Turkey, Feb. 2015 – On going.

ACADEMIC DEGREES

- 1) Research Assistant
 - Hakkari University, Engineering Faculty, Electrical – Electronics Engineering, January 2012 – March 2012.
 - Ege University, Engineering Faculty, Electrical – Electronics Engineering, September 2012 – On going.

AREA OF INTERESTS

- 1) Application of Optimization Techniques to Distribution Systems
- 2) Integration of Renewable Resources into Distribution Systems
- 3) Harmonic Power Quality in Active Distribution Networks
- 4) Distributed Generation

PUBLICATIONS

1) Journal Papers

Papers in SCI indexed Journals

- Barutcu I.C., Karatepe E., “Influence of phasor adjustment of harmonic sources on the allowable penetration level of distributed generation”, *Electrical Power and Energy Systems*, Vol. 87, 2017, pp. 1 – 15, DOI: 10.1016/j.ijepes.2016.11.004.

2) International Conferences

- Barutcu I.C., Karatepe E., “Power factor improvement and harmonic distortion aspects in power networks considering inverter based renewable energy resources”, 7th International Ege Energy Symposium and Exhibition, June 18 – 20, 2014, Usak, Turkey.

OTHER ACADEMICAL ACTIVITIES

1) Participated Workshops

- 3rd Renewable Energy Systems Winter School: “Efficiency and Renewable Energy Sources”, 21 – 25 Jan. 2014, Afyon, Turkey.
- 2nd Renewable Energy Systems Winter School: “Special Topics”, 16 – 19 Jan. 2013, Afyon, Turkey.