

# *Curriculum Vitae*

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**Name:** Sara Ghaemi  
**Present Titles:** Project assistant at Institute of Power System and Energy Economic, Technical University of Vienna  
**Address:** Gusshausstr. 25, E373-1, A 1040 Vienna, Austria

## **Undergraduate Education:**

B.Sc. Electrical Engineering (Control Systems), Amirkabir University of Technology (Tehran Polytechnic), Iran, 2004. Thesis Topic, "Design and Manufacturing some part of Building Management system".

## **Graduate Education:**

M.Sc., Electrical Engineering (Power Systems), K.N.Toosi University, Iran, 2007. Thesis Topic, "Optimal Sizing of Hybrid Power System in order to reduce cost of consumed electricity".

## **Prior Academic Appointments:**

Project assistant in AmirKabir University of Technology Department of Electrical Engineering, IT and Industrial Automation Research Lab, 2005

Project assistant in K.N.Toosi of Technology. Department of Electrical Engineering, power system Lab, 2006.

## **Teaching:**

Electrical machine, Islamic Azad University, Broujerd, 2006.  
Control System, Islamic Azad University, Broujerd, 2006.  
Electronic, Islamic Azad University, Broujerd, 2006  
Electrical circuit, Scientific & applied University, Daneshsar, 2006-2007.

## **Other Professional Positions:**

Electrical Engineer, FARAB Company, IRAN. Design DC & UPS systems in power Plants and switchyards, and reviewing of basic design of Hydro power plants.

Electrical Engineer, GHODS-NIROO Consultant Engineering, IRAN. Pre-feasibility of HRSG installation in steam power plants in IRAN and Research on Renewable power generation systems.

## **Publications:**

1- S.Ghaemi, S.M.Moghddas-Tafreshi, "Optimal Sizing of Grid-Connected Hybrid Power System in Qeshm Island in Persian Gulf of IRAN", International Energy conference in Vienna (IEWT2007), 14-16 Feb, 2007.

2- S.Ghaemi, S.M.Moghddas-Tafreshi, "Study of Hybrid Power System Generation in residential Building, using HOMER ", accepted for publication in the 5th Conference on fuel conversion in building, 25-26 April 2006, Tehran, IRAN (Persian).

3- S.Ghaemi, S.M.Moghddas-Tafreshi, "Economical study of hybrid power system based on renewable energy system", Word Energy Council National Energy Committee of Iran, 2007 (Persian).

4- S.Ghaemi, G.Brauner, "Potential of reducing the electricity demand in private sector", 10. Symposium Energieinnovation, TU-Graz, Austria, 13-15 Feb. 2008