

FARIDEH SOHEYLI

Education



MSc. in Electrical Engineering, Power Systems

Islamic Azad university (Science and Research Branch), IRAN



Sept 2014 – Feb 2017

Overall GPA: 18.69/20 (4/4)

Thesis Topic: Optimal Bidding Strategy of a Strategic Wind Power

Producer with Considering Demand Response

Supervised by Dr. Farid Adabi

- Planning in Power Systems: 20/20
- Operation of Power Systems: 20/20
- Surveying & investigating New Energies: 20/20
- Special Topics in Power Engineering: 20/20
- Power Electronics: 19.25/20
- Distribution of Electrical Energy: 18.25/20
- Modern Control: 18/20



BSc. in Electrical Engineering, Electronics

Kurdistan University, IRAN



Sept 2005 – Sept 2009

Overall GPA: 14.60/20 (3.18/4)

Thesis Topic: Design of switching power supply with AVR microcontroller

Supervised by Rahmatollah Mirzaei

Honors & Awards



2016
Ranked 1st among Electrical Engineering students Azad university.



2016
Selected as a best employee of the year, Parastoo Shahr Ara's company, Iran.

2015
Selected as a successful entrepreneur in the second international conference on women's role in sustainable development, Tehran, Iran.



2015
Ranked 1st among Electrical Engineering students Azad university.

Teaching experience

Holding training workshops for engineers and managers in Electrical Distribution Company of Kurdistan from 2011- 2021 in following subjects:

- Strategic Energy Planning
- Python Coding
- ArcGIS Software
- Digsilent Software
- Autocad Software



CONTACT



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Kurdistan, Iran

PROGRAMMING

PYTHON

R

MATLAB

C++

SOFTWARE

ARCGIS

DIGSILENT

HOMER

GAMS

AUTOCAD

SPSS

PVSOL

PROTEUS

PSPICE

ePLAN

WEB

HTML

CSS

JavaScript

jQuery

Publications

- A. Toolabi Moghadam, **F. Soheyli**, S. Sanei, E. Akbari, H. Khorramdel, and M. Ghadamyari, "Bi-level optimization of the integrated energy systems in the de-regulated energy markets considering the prediction of uncertain parameters and price-based demand response program," *Energy Science & Engineering* (2022). Q2, IF=4.17
- A. Nadimi, F. Adabi, **F. Soheyli**, S. Bahramara, "Planning Problem of the Inter-Connected Microgrids Besides Optimizing the Location and Capacity of the Electric Vehicle Parking Lots: A Three-stage Approach," *International Journal of Electrical Power and Energy Systems* (Submitted 2022): Q1, IF=4.63.
- **F. Soheyli**, "Technical and Economic Evaluation of Mixed Energy Systems in Eram Hadi Noor Wire and Cable Production Plant," *presented at National Conference of Technology, Energy & Data on Electrical & Computer Engineering*, Kermanshah, Iran, 2015.
- H. Lahonian, F. Abdi, and **F. Soheyli**, "Geographic information systems (GIS) application in optimal placement of Electrical switches in power distribution networks," *presented at 19th International Power System Conference*, Tehran, Iran, 2014. "Awarded as the best article"
- F. Soheyli**, and F. Abdi, "Investigation of new methods of collecting spatial and descriptive information for power distribution equipment database," in *19th International Power System Conference*, Tehran, Iran, 2014.
- H. Lahonian, and **F. Soheyli**, F. Abdi, "Optimal placement of Electrical switches in power distribution networks with the network zoning method," *presented at The Second Regional Congress on Disaster Management, Operations, and Emergency Events*, Sanandaj, Iran, 2013. "Awarded as the best article"
- F. Soheyli**, " Application of geographic information system (GIS) in crisis management of power distribution networks," in *Twentieth National Conference and Exhibition of Map and Spatial Information(Geomatics)*, Tehran, Iran, 2013.

Working experience

- Manager of Applied Electrical Studies team worked in the field of GIS Application in Power Distribution Networks, Atieh Nahad Kurdistan Company, Kurdistan, Iran (10/2019 - present)
- Manager of Applied Electrical Studies team worked in the field of GIS Application in Power Distribution Networks, Parastoo Shahr Ara Company, Kurdistan, Iran (09/2016 – 09/2019)
- Electrical Engineer in Engineering and Supervision office, Parastoo Shahr Ara Kurdistan Company, Kurdistan, Iran (05/2014- 08/2016)
- Electrical Engineer in Engineering and Supervision office, Hozhabr Javan Sanandaj" Company, Kurdistan, Iran (04/2012- 04/2014)
- Designer of electrical building maps, Behsaz Engineering Design Office, Kurdistan, Iran (06/2011- 03/2012)

References

- Dr. Farid Adabi** (MSc Supervisor)
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Email: farid.adabi@iausdj.ac.ir
- Dr. salah Bahramara**
Faculty of Electrical & Computer Engineering, Islamic Azad University, Iran.
Phone: +98 9183790692
Email: s_bahramara@yahoo.com

DATA BASE

PostgreSQL

SQL SERVER

LANGUAGES

ENGLISH

KURDISH

PERSIAN

ARABIC

TURKISH

ENGLISH LANGUAGE EXAMS

- TOEFL iBT: 81
- DOULINGO: 105

RESEARCH INTEREST

- Automation
- Energy Efficiency
- Demand Response
- Big Data Technology
- Smart Grids
- Data Analytics and Advanced Prediction Models

STRENGTHS

- Hard-working
- Persuasive
- Team working
- Motivator

INTERESTS& HOBBIES

