CURRICULUM VITAE
of
Mahmood Hosseini Imani

Mahmood Hosseini Imani received the B.Sc. in electrical engineering from Babol Noshirvani University of Technology, formerly Institute of Mazandaran university, Iran, in 2011, the M.S. degree in electrical engineering from University of Guilan, Rasht, Iran, in 2013. He is currently working toward the Ph.D. degree at the department of energy, DENERG, Polytechnic University of Turin, Turin, Italy.

His research interests include Data science, Machine Learning, power system operation, Power Systems Optimization and Economics, and Renewable Energy Integration.

Recent Publications

1. Imani, Mahmood Hosseini, Payam Niknejad, and M. R. Barzegaran. "Implementing Time-of-Use Demand Response Program in microgrid considering energy storage unit participation and different capacities of installed wind power." Electric Power Systems Research 175 (2018): 105916.

2. Imani, Mahmood Hosseini, et al. "Demand response modeling in microgrid operation: a review and application for incentive-based and time-based programs." Renewable and Sustainable Energy Reviews 94 (2018): 486-499.

3. Imani, M. Hosseini, Payam Niknejad, and M. R. Barzegaran. "The impact of customers' participation level and various incentive values on implementing emergency demand response program in microgrid operation." International Journal of Electrical Power & Energy Systems 96 (2018): 114-125.

More information about publication:
https://scholar.google.com/citations?user=FktUVmYAAAAJ&hl=en

Technical Skills

- GAMS
- MATLAB (M-file Script, with ability in optimization algorithms, Simulink)

Relevant Teaching Experiences

- "Logic Lab" Teaching Assistant, Babol Noshirvani University of Technology, Fall 2009, Spring 2010
- "Market Operations in Electric Power Systems" Teaching Assistant, University of Guilan, Fall 2012, Spring 2013,
- "GAMS Software in engineering" Instructor, University of Guilan, Fall 2016.,
- "Engineering Mathematics" Instructor, University of Guilan, Fall 2016, Spring 2017

Job Experiences

- Cooperative Researcher, Mazandaran Research Group, Sari, Iran.   [2011]
- Research Engineer (R & D Expert), Arian Takhteh Co, Rasht, Iran.   [2015]
- Technical expert of electrical affairs in Research& Development unit, Iranian Automotive Company, SAIPA Group, Iran.   [2015]- [2018]