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AL HASHEME JALEEL ISMAIL JABER

WORK EXPERIENCE

[2008 – Current] **Electricity Engineer**

Ministry of Electricity of Iraq

City: Babylon

Country: Iraq

EDUCATION AND TRAINING

[2001 – 2007] **Bachelor of Electrical Engineering**

University of Baghdad

https://uobaghdad.edu.iq/

City: Baghdad

Country: Iraq

[2014 – 2017] **Master of Electrical Power Engineering**

National University of Science and Technology POLITEHNICA Bucharest

https://upb.ro/

City: Bucharest

Country: Romania

[2020 – 2023] **Ph.D. Electrical Power Engineering**

National University of Science and Technology POLITEHNICA Bucharest

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LANGUAGE SKILLS

Mother tongue(s): Arabic

Other language(s): English , Romanian

DIGITAL SKILLS

MATLAB | EUROSTAG | NEPLAN | Microsoft Word | Microsoft Excel | Microsoft Office

PUBLICATIONS

J. Al Hasheme, L. Toma, M. Eremia, "Modeling and Simulink of Battery Energy Storage System," UPB Scientific Bulletin, 2023. (submitted)

J. Al Hasheme, L. Toma, and M. Eremia, "Battery Energy Storage System for Frequency Control in Power System," in 2023 15th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), 2023, pp. 1–6.

J. Al Hasheme, L. Toma, M. Eremia, M. Sanduleac, "Integrating Batteries into Automatic Generation Control (AGC) for Enhanced Frequency Control," International Conference on Energy and Environment, Bucharest, 26-27 October 2023. (accepted)

L. Layth, A. L. Murtadha, and **J. Al Hasheme**, "Solving optimal power flow problem using improved differential evolution algorithm," Int. J. Electr. Electron. Eng. Telecommun., vol. 11, no. 2, pp. 146–155, 2022.

M. Al-Kaabi**, J. Al Hasheme**, and L. Al-Bahrani, "Improved Differential Evolution Algorithm to solve multi-objective of optimal power flow problem," Arch. Electr. Eng., vol. 71, no. 3, 2022.

M. Al-Kaabi, **J. Al Hasheme**, V. Dumbrava, and M. Eremia, "Application of Harris Hawks Optimization (HHO) Based on Five Single Objective Optimal Power Flow," in 2022 14th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), 2022, pp. 1–8.