

1. Personal Data:

- **Name:** Wael Abdel-Fattah Mohamed Ahmed
- **Position:** Assistant Professor
- **Department:** Electrical power and machines engineering
- **Contact:**
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2. Specialization:

- **General Specialization:** Electrical power and machines
- **Specific Field** : Electrical power systems

3. Academic Qualifications:

- 2008 B.Sc (High Institute of Engineering – Elshorouk city)
- 2013 M.Sc (Ain Shams University)
- 2017 Ph.D (Ain Shams University)

4. Teaching Experience:

- Electrical power generations, New and Renewable Energy, Electrical power system, electrical machines, electrical experiment&testing, electrical measurements, electrical circuits, computer applications, automatic control.
- Electrical machines application (Drives), computer programing, practical training, graduation and training project.

5. Research Interests:

- Power system analysis, stability, economic system operation, load management, renewable energy, distribution system automation, Optimization, and electric vehicles.

6. Publications (The five most important researches):

1. Ahmed R. Abul'Wafa, Aboul'fotouh El'Garably, Wael A.Fatah Mohamed, "Uncoordinated vs Coordinated Charging of Electric Vehicles in Distribution Systems Performance", International Journal of Engineering and Information Systems (IJEAIS), 2017, 1 (6), pp.54 - 65.
2. Ahmed R. Abul'Wafa, Aboul'fotouh El'Garably, Wael A.Fatah Mohamed, "Electric Vehicle-to-Home Concept Including Home Energy Management", International Journal of Engineering and Information Systems (IJEAIS), 2017, 1 (6), pp.20-28.
3. Ahmed R. Abul'Wafa, Aboul'fotouh El'Garably, Wael A.Fatah Mohamed, "Impacts of Uncoordinated and Coordinated Integration of Electric Vehicles on Distribution Systems Performance", IEEE, the 19th International Middle-East Power Systems Conference MEPCON'19_paper_73, Menoufia University, Egypt, December 2017.
4. Ahmed R. Abul'Wafa, Aboul'Fotouh El'Garably, and Wael Abdelfattah, "Electric Vehicles Coordinated vs Uncoordinated Charging Impacts on Distribution Systems Performance", accepted for publication in International Journal of New Technologies in Science and Engineering (IJNTSE), Vol. 4, Issue. 6, 2017, pp.1-11.
5. Ahmed R. Abul'Wafa, Aboul'fotouh El'Garably, Wael A.Fatah Mohamed, "Graph Theory and Voltage Stability Analysis In Radial Distribution Systems", Engineering Research Journal (ERJ), ERJ SHOUBRA FACULTY OF ENG., 2013.