

1. Name: Shazly Nasser Fahmy, Assistant Professor, Department of Electrical Power and Machines Engineering, Higher Institute of Engineering, Elshorouk Academy.

2. Degrees:

- B.S. (Electrical Power and Machines Engineering) Higher Institute of Engineering, Elshorouk Academy, Elshorouk City, Cairo, Egypt. 2009
- M.S. (Electrical Power and Machines Engineering) Ain-Shams University, Cairo, Egypt. 2016
- Ph.D. (Electrical Power and Machines Engineering) Ain-Shams University, Cairo, Egypt. 2020

3. Years of Service on Faculty: 14

- 06/2020 - present Assistant Professor.

4. Other Experience:

- 09/2009 – 02/2010: Maintenance and Operation Engineer of Rima Vera Hotels Groups, Hurghada City, Red-Sea Egypt.

5. States in which registered:

- Cairo, Egypt.

6. Principal publications of last 5 years (selected):

- **Shazly Nasser Fahmy**, Hager Osama Hussein and Ahmed A. Salem “Power System Economic Study Using The Loadability Method,” IEEE, 24th International Middle East Power System Conference (MEPCON), Mansoura University, Egypt, December 2023. Doi: [10.1109/MEPCON58725.2023.10462391](https://doi.org/10.1109/MEPCON58725.2023.10462391)
- Mohamed Awad, Mohamed Metwally Mahmoud, Z. M. S. Elbarbary, Loai Mohamed Ali, **Shazly Nasser Fahmy** and Ahmed I. Omar “Design and analysis of photovoltaic/wind operations at MPPT for hydrogen production using a PEM electrolyzer: Towards innovations in green technology,” PLOS ONE 18(7), July 2023. URL: <https://doi.org/10.1371/journal.pone.0287772>
- Ahmed R. Abul'Wafa, Aboul'Fotouh El'Garably, **Shazly Nasser Fahmy** “Power System Security Assessment under N-1 and N-1-1 Contingency Conditions,” International Journal of Engineering Research and Technology, ISSN 0974-3154, Vol. 12, No. 11, pp. 1854-1863, November 2019.
- Ahmed R. Abul'Wafa, Aboul'Fotouh El'Garably, **Shazly Nasser Fahmy** “Remedies Scheme for Single and Multiple Severe Contingencies of Transmission System,” International Journal of Engineering and Information Systems (IJEAIS), Nol. 3, No. 2, pp. 1-8, February 2019.