

**ICRERA 2025**

**14th INTERNATIONAL CONFERENCE ON RENEWABLE  
ENERGY RESEARCH AND APPLICATIONS**

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**Paper ID** : 25

**Paper Title** : Deep Q-Learning for Energy Management in Hybrid Power Systems

**Bio :**

Dr. Noha Shouman is an Assistant Professor in the Department of Electrical Engineering at German International University. She received her Ph.D. in Electrical Power Systems from German University in Cairo, Master of Science, and Bachelor of Science degrees in Electrical Power and Machines from Ain Shams University. She has awarded bilateral DAAD scholarship at Duisburg Essen University, Germany, 2015. She has granted Fulbright scholarship at Texas A&M University, United States of America, 2018. She has awarded GESEED/DAAD scholarship at TU Darmstadt, Germany, 2019. Her doctoral research focused on designing stochastic based power dispatch for power systems incorporating renewable energy sources.

Her primary research interests include power systems, renewable energy systems, smart grids, distributed generation and electric vehicles.