

## Tehran energy storage technologies

The decarbonization of the energy sector requires a large-scale integration of renewable sources, in particular wind and solar. The integration of these sources brings formidable challenges to existing power and energy networks, with their often intermittent and unpredictable characteristics making it difficult to manage those systems which operate under a high penetration of renewable sources.

This Article Collection aims to collect recent studies and advances in the field of energy storage in relation to integration with renewable energy sources. Both research and review articles are welcomed.

Dr Marcos Tostado-V?liz was born in Spain, in 1987. He received the B.Sc. (Hons.) and M.Sc. degrees in electrical engineering from the University of Seville, in 2016 and 2017, respectively, and the Ph.D. degree from the University of Ja?n, in 2020. He is currently an Assistant Professor with the Department of Electrical Engineering, University of Ja?n. His research interests include the application of numerical methods for power system analysis, optimization of energy systems, and game-based methodologies applied to energy communities and microgrids.

Dr Nima Khosravi was born in Iran, in 1985. He received the Ph.D. degree in electrical engineering from Islamic Azad University, Arak Branch, Arak, Iran, in 2021. His background in various industries in diverse segments such as the sourcing department, technical and engineering services (T& ES) department, and research and development (R& D) department is over fifteen years. His research interests include APF modules, hybrid microgrid control systems, optimization methods, and power quality.

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Web: <https://www.somethingtasty.co.za/contact-us/>

Email: [energystorage2000@gmail.com](mailto:energystorage2000@gmail.com)

WhatsApp: 8613816583346

