

## 2023 Outstanding Papers, Reviewers, and Associate Editors

The Editor-in-Chief and Editorial Board of the IEEE Transactions on Smart Grid would like to recognize\* and thank the following Authors, Reviewers, and Associate Editors for their outstanding contributions to the journal in 2023, as their efforts, together with those of all other Authors, Reviewers and Associate Editors, have helped to maintain, if not improve, the quality and relevance for which the journal is well known:

### Ranked Papers:

1. Q. Hu et al., "Grid-Forming Inverter Enabled Virtual Power Plants With Inertia Support Capability," IEEE Transactions on Smart Grid, vol. 13, no. 5, pp. 4134-4143, Sept. 2022, doi: 10.1109/TSG.2022.3141414.
2. Y. Wang, I. L. Bennani, X. Liu, M. Sun and Y. Zhou, "Electricity Consumer Characteristics Identification: A Federated Learning Approach," IEEE Transactions on Smart Grid, vol. 12, no. 4, pp. 3637-3647, July 2021, doi: 10.1109/TSG.2021.3066577.
3. X. Chen, G. Qu, Y. Tang, S. Low and N. Li, "Reinforcement Learning for Selective Key Applications in Power Systems: Recent Advances and Future Challenges," IEEE Transactions on Smart Grid, vol. 13, no. 4, pp. 2935-2958, July 2022, doi: 10.1109/TSG.2022.3154718.
4. A. S. Vijay, N. Parth, S. Doolla and M. C. Chandorkar, "An Adaptive Virtual Impedance Control for Improving Power Sharing Among Inverters in Islanded AC Microgrids," IEEE Transactions on Smart Grid, vol. 12, no. 4, pp. 2991-3003, July 2021, doi: 10.1109/TSG.2021.3062391.
5. M. H. Ullah and J. -D. Park, "Peer-to-Peer Energy Trading in Transactive Markets Considering Physical Network Constraints," IEEE Transactions on Smart Grid, vol. 12, no. 4, pp. 3390-3403, July 2021, doi: 10.1109/TSG.2021.3063960.

### Reviewers:

- Barry Hayes, University College Cork, Ireland
- Georgios Tsaousoglou, Technical University of Denmark
- Hao Tu, North Carolina State University, USA
- Zhaojian Wang, Shanghai Jiaotong University, China
- Rui Xie, The Chinese University of Hong Kong, China

### Associate Editors:

- Tarek AlSkaif, Wageningen University and Research, Netherlands
- Florin Capitanescu, Luxembourg Institute of Science and Technology

- Jose Carlos Vieira, University of Sao Paulo, Brazil

Prof. Claudio Canizares  
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\* The procedures and criteria for the selection of these recognitions can be found at [https://ieeepes.org/wp-content/uploads/2023/01/TSG\\_Recognition\\_content\\_added\\_to\\_website\\_12-13-21.pdf](https://ieeepes.org/wp-content/uploads/2023/01/TSG_Recognition_content_added_to_website_12-13-21.pdf)