

### **An overview of the functions of smart grids associated with virtual power plants including cybersecurity measures**

Alvi, Anas Abdullah; Romero-Cadaval, Enrique; González-Romera, Eva; Hassan, Jamil; **Vinnikov, Dmitri** Technological innovation for connected cyber physical spaces : 14th IFIP WG 5.5/SOCOLNET Doctoral Conference on Computing, Electrical and Industrial Systems, DoCEIS 2023, Caparica, Portugal, July 5-7, 2023 : proceedings 2023 / p. 95 - 107 [https://doi.org/10.1007/978-3-031-36007-7\\_7](https://doi.org/10.1007/978-3-031-36007-7_7) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Reinforcement Learning-based Energy Management Strategy for Flexible Hybrid ac/dc Microgrid**

Gutiérrez-Escalona, Javier; Roncero-Clemente, Carlos; **Husev, Oleksandr; Matiushkin, Oleksandr**; Barrero-González, Fermín; González-Romera, Eva IECON 2024 - 50th Annual Conference of the IEEE Industrial Electronics Society 2025 / 6 p <https://doi.org/10.1109/IECON55916.2024.10905501> [Conference proceedings at Scopus](#) [Article at Scopus](#)