

**Cooperative control of flywheel energy storage system and diesel generator for frequency regulation of microgrids using digital FIR filters**

Faraji, M.; Mahdavi, Mohammad Saeed; **Gharehpetian, Gevork B.**; **Ahmadihangar, Roya**; **Rosin, Argo** 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p  
<https://doi.org/10.1109/CPE-POWERENG58103.2023.10227448>

**A new master-slave based centralized control method for an AC microgrid with multiple distributed energy resources**

Habibnia, Saba; Mahdavi, Mohammad Saeed; Gharehpetian, Gevork B.; **Ahmadihangar, Roya**; **Rosin, Argo**; **Vinnikov, Dmitri** IEEE 13th International Symposium on Power Electronics for Distributed Generation Systems (PEDG) 2022 / 6 p.  
<https://doi.org/10.1109/PEDG54999.2022.9923216>