

Characterizing energy flexibility of buildings with electric vehicles and shiftable appliances on single building level and aggregated level

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Clustering-based penalty signal design for flexibility utilization

Rosin, Argo; Ahmadiyahangar, Roya; Azizi, Elnaz; Sahoo, Subham; **Vinnikov, Dmitri;** Blaabjerg, Frede; Dragicevic, Tomislav; Bolouki, Sadegh IEEE Access 2020 / p. 208850-208860 <https://doi.org/10.1109/ACCESS.2020.3038822> [Journal metrics at Scopus](#)

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Cost/comfort-oriented clustering-based extended time of use pricing

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Energy storage expansion planning in microgrid

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Flexibility investigation of price-responsive batteries in the microgrids cluster

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Residential energy flexibility characterization using non-intrusive load monitoring

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