













- [10] Moghaddas-Tafreshi SM, Mohseni S, Karami S, Kelly MES. (2019). Optimal energy management of a grid-connected multiple energy carrier micro-grid. *Applied Thermal Engineering* 152: 796-806. <https://doi.org/10.1016/j.applthermaleng.2019.02.113>
- [11] Yu D, Brookson A, Fung AS, Raahemifar K, Mohammadi F. (2019). Transactive control of a residential community with solar photovoltaic and battery storage systems. *IOP Conference Series: Earth and Environmental Science* 238(1): 012051. <https://doi.org/10.1088/1755-1315/238/1/012051>
- [12] Ahmad AS, Hassan MY, Abdullah MP, Rahman HA, Hussin F, Abdullah H. (2014). A review on applications of ANN and SVM for building electrical energy consumption forecasting. *Renewable and Sustainable Energy Reviews* 33: 102-109. <https://doi.org/10.1016/j.rser.2014.01.069>
- [13] Edwards RE, New J, Parker LE. (2012). Predicting future hourly residential electrical consumption: A machine learning case study. *Energy and Buildings* 49: 591-603. <https://doi.org/10.1016/j.enbuild.2012.03.010>
- [14] Ahmad T, Chen H. (2018). Short and medium-term forecasting of cooling and heating load demand in building environment with data-mining based approaches. *Energy and Buildings* 166: 460-476. <https://doi.org/10.1016/j.enbuild.2018.01.066>
- [15] Ahmad T, Chen H. (2018). Potential of three variant machine-learning models for forecasting district level medium-term and long-term energy demand in smart grid environment. *Energy* 160: 1008-1020. <https://doi.org/10.1016/j.energy.2018.07.084>
- [16] Martellotta F, Ayr U, Stefanizzi P, Sacchetti A, Riganti G. (2017). On the use of artificial neural networks to model household energy consumptions. *Energy Procedia* 126: 250-257. <https://doi.org/10.1016/j.egypro.2017.08.149>
- [17] ASHRAE. (2012). International Weather for Energy Calculations (IWEC Weather Files) Version 2.0.
- [18] MATLAB R.2016b, Neural Network Toolbox.