

**Feasibility study of energy supply in deep North Regions: the case study of Yakutia remote community (Russia)**

Trashchenkov, Sergei; **Astapov, Victor**; **Kull, Karl** 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärddla, Estonia, June 12-15, 2019 : proceedings 2019 / 6 p. : ill <https://doi.org/10.1109/PQ.2019.8818238>

**Kernel density estimation for stochastic modeling of PV power output**

Trashchenkov, Sergei; **Pires Pimentel, Sergio**; **Astapov, Victor**; Annuk, Andres; Marra, Enes Goncalves 2018 7th International Conference on Renewable Energy Research and Applications (ICRERA), October 14-17, 2018, Paris, France 2018 / p. 1179-1183 : ill <http://doi.org/10.1109/ICRERA.2018.8566995>

**Modelling of consumption shares for small wind energy prosumers**

Annuk, Andres; Ya'ici, Wahiba; **Blinov, Andrei**; Märss, Mairo; Trashchenkov, Sergei; Miidla, Peep Symmetry 2021 / art. 647 <https://doi.org/10.3390/sym13040647> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Performance assessment of TSO-DSO using volt-var control at smart-inverters : case of Vestfold and Telemark in Norway**

**Astapov, Victor**; Trashchenkov, Sergei; Gonzalez-Longatt, Francisco; Topic, Danijel International journal of electrical and computer engineering system 2022 / p. 48-61 <https://doi.org/10.32985/ijeces.13.1.6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Spurious activation assessment of thermal power plant's safety-instrumented systems**

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**The applicability of zero inflated beta distributions for stochastic modeling of PV plants power output**

**Astapov, Victor**; Trashchenkov, Sergei 2018 19th International Scientific Conference on Electric Power Engineering (EPE 2018) : Brno, Czech Republic, 16-18 May 2018 2018 / p. 124-130 : ill <https://doi.org/10.1109/EPE.2018.8395965>