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List of publication for last five years

1. Sankar Selvakumar, Mohanty Madhusmita, Chandrasekaran Koodalsamy, Sishaj Pulikottil Simon, Yog Raj Sood " High-Speed Maximum Power Point Tracking Module for PV Systems ",IEEE Transactions on Industrial Electronics ,Vol.66,pp.1119-1129,Feb 2019.
2. CH Ram Jethmalani, Sishaj P Simon, K.Sundareswaran, P.Srinivasa Rao Nayak, Narayana Prasad Padhy,"Real coded genetic algorithm based transmission system loss estimation in dynamic economic dispatch problem",Alexandria engineering journal,Vol.57,pp.3535-3547.Dec 2019.
3. Rohit Rajan Eapen, Sishaj Pulikottil Simon, Kinattingal Sundareswaran, Panugothu Srinivasarao Nayak,"User centric economic demand response management in a secondary distribution system in India ", IET Renewable Power Generation,pp.1-12,October 2018.
4. Ram Jethmalani C Hemparuva, Sishaj P Simon, Sundareswaran Kinattingal, Narayana Prasad Padhy,"Geographic information system and weather based dynamic line rating for generation scheduling ",Engineering science and technology, an international journal,Vol.21,pp.564-573,Aug 2018
5. Rohit Rajan Eapen, Sishaj Pulikottil Simon," Performance Analysis of Combined Similar Day and Day Ahead Short Term Electrical Load Forecasting using Sequential Hybrid Neural Networks", IETE Journal of Research,pp.1-11,May 2018.
6. J. Sathiyarayanan, Sishaj P. Simon, K.Sundareswaran,"Hybrid Compensator For Static and Relative Powers of Railway Power System Stabilizer with Unified Traction System Control", Journal of Advanced Research in Dynamical and Control Systems, Vol.18, pp.2718-2728, Dec 2017.
7. J. Sathiyarayanan, Sishaj P.Simon,K.Sundareswaran,"Energy Audit in a Railway Workshop(A Practical Case Study) ",Journal of Advanced Research in Dynamical and Control Systems,Vol.18,pp.2691-2701,Dec 2107.
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9. Muhammad Ehsan R, Sishaj P Simon, "Day-Ahead Forecasting of Solar Photovoltaic Output Power using Multilayer Perceptron" *Springer Neural Computing and Applications*, Vol. 28, no. 12, pp. 3981-3992, 2017.
10. Anilkumar T.T., Srinivasa Rao Nayak Panugothu and Sishaj P Simon "Experimental Investigation on a Prototype Solar-Wind Hybrid System with a Pico Hydro Turbine" *International Journal of Emerging Electric Power Systems*, Vol, 18, no. 5, Sep 2017.
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PSO-BPNN based Transmission System Loss Estimation in Generation Scheduling", *IEEE Transactions on Industrial Informatics*, Vol. 13, no. 4, pp. 1692-1703, 2017.

12. Anilkumar T.T., Sishaj P Simon and Narayana Prasad Padhy, "Residential Electricity Cost Minimization Model through Open Well-Pico Turbine Pumped Storage System" *Elsevier publication Applied Energy*, Vol. 195, pp. 23-35, 2017.

13. Anilkumar T.T., Sishaj P Simon, P. Srinivasa Rao Nayak, K. Sundareswaran and Narayana Prasad Padhy, "Pico-Hydel Hybrid Power Generation System with an Open Well Energy Storage," *IET Generation, Transmission & Distribution*, Vol. 11, no. 3, pp. 740-749, Feb 2017.

14. M.Senthil Kumar, Sishaj P Simon, P. Srinivasa Rao Nayak, K. Sundareswaran and Narayana Prasad Padhy, "An Empirical Fourier Transform Based Power Transformer Differential Protection," *IEEE Transactions on Power delivery*, Vol. 32, no.1, pp. 209-218, Feb 2017.

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