

List of Publications

International Journals

- ❖ Viswaprakash Babu, K. Shafeeque Ahmed, Y.Mohamed Shuaib, Manikandan M, S.Sathik Basha, "**Journal of Green Engineering (JGE)**", Vol. 10, Issue-9, September 2020, pp. 7102-7114.
- ❖ K. Shafeeque Ahmed, S. Prabhakar Karthikeyan, "Penalised quoted cost based approach on transmission loss allocation for a bilateral contract in deregulated electricity market", **IET Generation, Transmission & Distribution**, Vol. 10, Issue 16, 2016, pp. 4078-4084.
- ❖ K. Shafeeque Ahmed, S. Prabhakar Karthikeyan, "Modified Penalized Quoted Cost based Transmission Loss Allocation Approach including Reactive Power Demand in Deregulated Electricity Market", **Sustainable Energy, Grids and Networks (Elsevier)**, Vol. 16, Dec 2018, pp. 370-379.
- ❖ K. Shafeeque Ahmed, S. Prabhakar Karthikeyan, "An Investigation on Apportion of Mathematical Loss in Transmission loss/cost allocation approach", **Indonesian Journal of Electrical Engineering and Computer Science**, Vol. 15, No. 1, July 2019, pp. 1-8.
- ❖ K. Shafeeque Ahmed, Fini Fathima, A. Ramesh, S. Prabhakar Karthikeyan, Sarat Kumar Sahoo, Rani Chinnappa Naidu, "Prediction of Market Power using SVM as Regressor under Deregulated Electricity Market", **Advances in Intelligent Systems and Computing**, Vol. 437, 2016, pp 605-617.
- ❖ K. Shafeeque Ahmed, S. Prabhakar Karthikeyan, Sarat Kumar Sahoo, "Comparison of Graph theory approach with other methods on transmission loss allocation problem in Deregulated Electricity market", **Applied Mechanics and Materials**, Vol. 839, pp. 6-13, 2016.
- ❖ K. Shafeeque Ahmed, S. Prabhakar Karthikeyan, Sarat Kumar Sahoo, "Special Protection Schemes: A Survey and Vision for the future", **Applied Mechanics and Materials**, Vol. 839, pp. 49-53, 2016.

International Conferences

- ❖ K. Shafeeque Ahmed, S. Prabhakar Karthikeyan, "Proportional Generation and Proportional Load based Transmission Loss Allocation Approach considering Reactive Power Demand in Restructured Environment", **IEEE Region 10 Conference, Penang, Malaysia, TENCON 2017**.

- ❖ K. Shafeeque Ahmed and S. Prabhakar Karthikeyan, "Comparison of Various Transmission Loss/Cost Allocation Methods - A Review", IEEE International Conference on Innovations in Power and Advanced Computing Technologies (**i-PACT 2017**), **VIT University, India, April 2017.**
- ❖ K. Shafeeque Ahmed and S. Prabhakar Karthikeyan, "Impact of Transmission Line Mutual Inductance on Transmission Loss/Cost Allocation in deregulated electricity market", International IEEE Conference on Environment and Electrical Engineering (**EEEIC 2017**), **Milan, Italy, June 2017.**
- ❖ K. Shafeeque Ahmed, S. Prabhakar Karthikeyan, "Proportional Generation and Proportional Load Based Approach for Transmission loss/ cost Allocation in Deregulated Electricity Market", **IEEE Region 10 Conference, Singapore, TENCON 2016.**
- ❖ K. Shafeeque Ahmed, Fini Fathima, S. Prabhakar Karthikeyan, Sarat Kumar Sahoo, Shriram. S. Rangarajan, D. P. Kothari, "Application of Cubic Spline Interpolation in Estimating Market power under Deregulated Electricity Market", **IEEE Region 10 Conference, Macau, China, TENCON - 2015.**
- ❖ Sayeekumar, N., Shafeeque Ahmed, K., Karthikeyan, S.P., Sahoo, S.K., Raglend, I.J., "Graph theory and its applications in power systems - A review", International Conference on Control, Instrumentation, Communication & Computational Technologies (**ICCICT**), **Noorul Islam University, Kaniyakumari, 2015.**
- ❖ K. Shafeeque Ahmed, Fini Fathima, A.Ramesh, S. Prabhakar Karthikeyan, Sarat Kumar Sahoo, Rani Chinnappa Naidu, "Prediction of Market Power using SVM as Regressor under Deregulated Electricity Market", Soft Computing for Problem Solving (**SocPros 2015**), **IIT Roorkee Saharanpur Campus, India, 2015.**

National Conferences

- ❖ K. Shafeeque Ahmed, Janakinadh Yanamadala, Siddhardha Yanamadala, S. Prabhakar Karthikeyan, "Impact of Renewable Penetration on Energy Markets", Challenges and Issues in Operation of Competitive Electricity Markets (**CIOCEM**), **CPRI Bangalore, 2016.**
- ❖ S. Prabhakar Karthikeyan, R. Senthil Prabhu and K. Shafeeque Ahmed, "Smart Grid Communication-A review", Challenges and Issues in Operation of Competitive Electricity Markets (**CIOCEM**), **CPRI Bangalore, 2016.**