

International Journal of Power System Operation and Energy Management

Volume 1 | Issue 1

Article 1

July 2011

Editorial

Dr. P.K. SATPATHY

Department of Electrical Engineering College of Engineering and Technology Bhubaneswar-751003, India,
pksatpathy_ee@cet.edu.in

Follow this and additional works at: <https://www.interscience.in/ijpsoem>



Part of the [Power and Energy Commons](#)

Recommended Citation

SATPATHY, Dr. P.K. (2011) "Editorial," *International Journal of Power System Operation and Energy Management*: Vol. 1 : Iss. 1 , Article 1.

Available at: <https://www.interscience.in/ijpsoem/vol1/iss1/1>

This Article is brought to you for free and open access by Interscience Research Network. It has been accepted for inclusion in International Journal of Power System Operation and Energy Management by an authorized editor of Interscience Research Network. For more information, please contact sritampatnaik@gmail.com.

Editorial

I extend my heartiest thanks to the publishers of the journal and a deep sense of gratitude to all the members of the editorial board for their valuable suggestions, timely compliances and continuous endeavor in bringing out this first issue as the outcome of their effort over past few months. At the same time I also deeply congratulate all the authors who have made significant contribution in their own field of research and shared their own work with this journal.

Electric power system is now passing through a crucial stage and there are many avenues open in this field for further research. As far as complexity, performance, competition and reliability are concerned, power system operation and management is always considered as the key aspect for the effective interaction between researchers by bridging the gap between theory and practice. I also invite people from industry and utilities to come forward and extend their valuable cooperation through sharing their intellect in appropriate direction.

I also foresee that there would be tremendous pressure on the researchers to carry forward their research in view of the changes that are taking place in the power sector. Well, changes are quite obvious and desirable; hence in order to cope with the change one has devise skills accordingly.

This issue covers articles spreading over the broad area of power system. The areas include; Read and reactive power control, inverter control based on PWM and space vector analysis, information security, power factor regulation and correction, wireless data acquisition, automatic generation control of multi area networks with AC/DC links, direct torque control of motors, decouple induction motor performance evaluation, adaptive and vector control applications, differential protection for motors, fuel economy for hybrid electric trains, emission constrained economic dispatch, classification and location of faults in electrical distribution, system, load flow solution of power systems with series FACTS devices, dynamic modeling and control of a wind turbine generator with fuel cell and ultra capacitor stack, improvement of transient stability of VSC HVDS system with particle swarm optimization technique, application of SVC to mitigate voltage instability in a wind system connected to grid, optimum compensation to improve EHV line performance, and microprocessor performance.

I wish everyone the very best in their future life.

Dr. P.K. SATPATHY