

DAFTAR PUSTAKA

- A.Ulinuha, S. M. Islam, et al. (2008). Optimal Voltage Restoration in Electric Power Systems Using Genetic Algorithms Powercon 2008 and 2008 IEEE Power India Conference. New Delhi, India, IEEE - PES.
- A.Ulinuha, M. A. S. Masoum, et al. (2006). A Hybrid GA-Fuzzy Algorithm for Optimal Dispatch of LTC and Shunt Capacitors in Distribution System. Australasian Universities Power Engineering Conference (AUPEC), Melbourne, Australia, Victoria University.
- A.Ulinuha, M. A. S. Masoum, et al. (2006). Optimal Dispatch of LTC and Shunt Capacitors in the Presence of Harmonics using Genetic Algorithms. Power Systems Conference and Exposition (PSCE) - IEEE, Atlanta, Georgia, USA, IEEE PES.
- A.Ulinuha, M. A. S. Masoum, et al. (2007). Optimal Control of Reactive Power/Voltage in Distribution System Using Genetic Algorithms. Postgraduate Electrical Engineering and Computing Symposium (PEECS), Perth, Australia, Curtin University of Technology.
- A.Ulinuha, M. A. S. Masoum, et al. (2007). Unbalance Power Flow Calculation for Radial Distribution System Using Forward-Backward Propagation Algorithm. Australasian Universities Power Engineering Conference (AUPEC), Perth, Australia, Curtin University of Technology.
- Baran, M. E. and M.-Y. Hsu (1999). "Volt/VAR control at distribution substations." IEEE Transactions on Power Systems **14**(1): 312-318.
- Carpinelli, G., P. Varilone, et al. (2005). "Capacitor placement in three-phase distribution systems with nonlinear and unbalanced loads." Generation, Transmission and Distribution, IEE Proceedings- **152**(1): 47-52.
- Chen, T. H., M. S. Chen, et al. (1991). "Distribution system power flow analysis-a rigid approach." IEEE Transactions on Power Delivery **6**(3): 1146-1152.
- Cheng, C. S. and D. Shirmohammadi (1995). "A three-phase power flow method for real-time distribution system analysis." IEEE Transactions on Power Systems **10**(2): 671-679.
- da Costa, V. M., M. L. de Oliveira, et al. (2007). "Developments in the analysis of unbalanced three-phase power flow solutions." International Journal of Electrical Power & Energy Systems **29**(2): 175-182.
- Garcia, P. A. N., J. L. R. Pereira, et al. (2000). "Three-phase power flow calculations using the current injection method." IEEE Transactions on Power Systems **15**(2): 508-514.

- Ghose, T. and S. K. Goswami (2003). "Effects of unbalances and harmonics on optimal capacitor placement in distribution system." Electric Power Systems Research **68**(2): 167-173.
- Grainger, J. J. and S. Civanlar (1985). "Volt/var control on distribution systems with lateral branches using shunt capacitors and voltage regulators. Part I: The overall problem." IEEE Transactions on Power Apparatus and Systems **104**(11): 3278-3283.
- Grainger, J. J. and S. Civanlar (1985). "Volt/var control on distribution systems with lateral branches using shunt capacitors and voltage regulators. Part III: The numerical result." IEEE Transactions on Power Apparatus and Systems **104**(11): 3291-3297.
- Gu, Z. and D. T. Rizy (1996). "Neural networks for combined control of capacitor banks and voltage regulators in distribution systems." IEEE Transactions on Power Delivery **11**(4): 1921-1928.
- Holland, J. H. (1975). *Adaptation in Natural and Artificial Systems*. Ann Arbor, University of Michigan Press.
- Jwo, W.-S., C.-W. Liu, et al. (1999). "Large-scale optimal VAR planning by hybrid simulated annealing/genetic algorithm." Electric Power and Energy Systems **21**(1): 39-44.
- Kersting, W. H. (1991). "Radial distribution test feeders." IEEE Transactions on Power Systems **6**(3): 975-985.
- Kompas (10/03/2006). Susut Daya PLN Tegal Capai 10,62 persen.
- Liang, R.-H. and C.-K. Cheng (2001). "Dispatch of main transformer ULTC and capacitors in a distribution system." IEEE Transactions on Power Delivery **16**(4): 625-630.
- Liang, R.-H. and Y.-S. Wang (2003). "Fuzzy-based reactive power and voltage control in a distribution system." IEEE Transactions on Power Delivery **18**(2): 610-618.
- Liao, G.-C. (2006). "Short-term thermal generation scheduling using improved immune algorithm." Electric Power Systems Research **76**(5): 360-373.
- Liao, G.-C. and T.-P. Tsao (2006). "Using chaos search immune genetic and fuzzy system for short-term unit commitment algorithm." International Journal of Electrical Power & Energy Systems **28**(1): 1-12.
- Lin, W.-M. and J.-H. Teng (2000). "Three-phase distribution network fast-decoupled power flow solutions." International Journal of Electrical Power & Energy Systems **22**(5): 375-380.

- Lo, K. L. and C. Zhang (1993). "Decomposed three-phase power flow solution using the sequence component frame." IEE Proceedings-Generation, Transmission and Distribution **140**(3): 181-188.
- Malange, F. C. V., D. A. Alves, et al. (2004). "Real power losses reduction and loading margin improvement via continuation method." Power Systems, IEEE Transactions on **19**(3): 1690- 1692.
- Mayordomo, J. G., M. Izzeddine, et al. (2002). "Compact and flexible three-phase power flow based on a full Newton formulation." IEE Proceedings-Generation, Transmission and Distribution **149**(2): 225-232.
- Merdeka (2005). PLN Optimis Mampu Turunkan Susut Daya Listrik 10%. Merdeka.
- Michalewics, Z. (1996). Genetic Algorithms + Data Structures = Evolution Program New York, Springer-Verlag Berlin Heidelberg.
- Ramakrishna, G. and N. D. Rao (1998). "Fuzzy inference system to assist the operator in reactive power control in distribution systems." IEE Proceedings-Generation, Transmission and Distribution **145**(2): 133-138.
- Ramakrishna, G. and N. D. Rao (1999). "Adaptive neuro-fuzzy inference system for volt/var control in distribution systems." Electric Power Systems Research **49**(2): 87-97.
- Republika (2008). Reorganisasi dan mismanajemen PLN.
- Roytelman, I., B. K. Wee, et al. (1995). "Volt/var control algorithm for modern distribution management system." IEEE Transactions on Power Systems **10**(3): 1454-1460.
- Somasundaram, P., K. Kuppusamy, et al. (2004). "Evolutionary programming based security constrained optimal power flow." Electric Power Systems Research **72**(2): 137-145.
- Suara_Merdeka (Senin, 23 Agustus 2004). Susut Daya, PLN Rugi 2,5 Miliar/Bulan.
- Sun, L., Y. Zhang, et al. (2006). "A matrix real-coded genetic algorithm to the unit commitment problem." Electric Power Systems Research **76**(9-10): 716-728.
- Teng, J.-H. (2002). "A modified Gauss-Seidel algorithm of three-phase power flow analysis in distribution networks." International Journal of Electrical Power & Energy Systems **24**(2): 97-102.
- Thukaram, D., H. M. Wijekoon Banda, et al. (1999). "A robust three phase power flow algorithm for radial distribution systems." Electric Power Systems Research **50**(3): 227-236.
- Trebi-Ollennu, A. and B. A. White (1996). Multiobjective fuzzy genetic algorithm optimization approach to nonlinear control system design. International Conference on Control, UKACC.

- Trebi-Ollenu, A. and B. A. White (1997). Multiobjective fuzzy genetic algorithm optimisation approach to nonlinear control system design. Control Theory and Applications Conference.
- Ulinuha, A. (2007). Optimal Dispatch of LTC and Switched Shunt Capacitors for Distribution Networks in the Presence of Harmonics. Department of Electrical and Computer Engineering. Perth, Curtin University of Technology. **Doctor of Philosophy**: 203.
- Ulinuha, A., M. A. S. Masoum, et al. (2010). "Hybrid genetic-fuzzy algorithm for volt/var/total harmonic distortion control of distribution systems with high penetration of non-linear loads." IET Generation, Transmission & Distribution **5**(4): 425 - 439.
- Ulinuha, A., M. A. S. Masoum, et al. "Hybrid Genetic-Fuzzy Algorithm for Optimal Volt/VAr/THD Control of Distribution Systems with High Penetration of Nonlinear Loads " IEEE Transactions on Power Delivery.
- Ulinuha, A., M. A. S. Masoum, et al. (2008). "Optimal Scheduling of LTC and Shunt Capacitors in Large Distorted Distribution Systems using Evolutionary-Based Algorithms." IEEE Transactions on Power Delivery **23**(1): 434 - 441.
- Vaahedi, E., J. Tamby, et al. (1999). "Large scale voltage stability constrained optimal VAr planning and voltage stability applications using existing OPF/optimal VAr planning tools." IEEE Transactions on Power Systems **14**(1): 65 - 74.
- Vieira, J. C. M., Jr., W. Freitas, et al. (2004). "Phase-decoupled method for three-phase power-flow analysis of unbalanced distribution systems." IEE Proceedings-Generation, Transmission and Distribution **151**(5): 568-574.
- Wu, T., M. Rothleder, et al. (2004). "Pricing energy and ancillary services in integrated market systems by an optimal power flow." IEEE Transactions on Power Systems **19**(1): 339 - 347.
- Zhang, W., Y. Liu, et al. (2002). Optimal VAr planning in area power system. International Conference on Power System Technology, 2002.
- Zhang, X. P. and H. Chen (1994). "Asymmetrical three-phase load-flow study based on symmetrical component theory." IEE Proceedings-Generation, Transmission and Distribution **141**(3): 248-252.