

DAFTAR PUSTAKA

- [1] Alamajibuwono, Hadha. 2011. “Optimasi Penempatan Kapasitor Menggunakan Algoritma Genetika pada Sistem Distribusi untuk Memperbaiki Faktor Daya dan Tegangan”. Semarang : Universitas Diponegoro.
- [2] Babu A.S, P. Suresh Babu, and Dr. M. Padmal Lalitha. “*Optimal Voltage Regulator Placement In a Radial Distribution System Using Fuzzy Logic*”, International Journal Of Engineering And Technology, Vol 1, No. 6, August 2012
- [3] Carwoto. “Implementasi Algoritma Genetika untuk Optimasi Kapasitor Shunt pada Penyalang Distribusi Tenaga Listrik”, Jurnal Teknologi Informasi DINAMIK, Vol 11, No. 2, Juli 2007
- [4] Ellithy, K., A. Al-Hinai, dan A. Moosa. 2008. “*Optimal Shunt Capacitors Allocation In Distribution Networks Using Genetic Algorithm-Practical Case Study*”. International Journal of Innovations in Energy Systems and Power, Vol.3, no. 1 (Januari 2017).
- [5] Hadi Saadat, “Power System Analysis”, McGraw-Hill, Singapore, 2004
- [6] Harharah W.F, I Made Ari Nartha, dan Supriyatna. “Penempatan Kapasitor Dan Optimasi Kapasitasnya Menggunakan *Artificial Bee Colony* (ABC) Pada Saluran Distribusi Primer”, Dielektrika ISSN, Vol 1, No.2, Agustus 2014
- [7] Hooshmand, Rahmat-Allah dan Mohammad Ataei. 2007. “*Optimal Capacitor Placement In Actual Configuration And Operational Conditions Of Distribution Systems Using RCGA*”. Journal Of Electrical Engineering, Vol.58, No. 4, 2007, 189–199.
- [8] Hosea, Emmy dan Adi Nugraha. 2002. “*Optimasi Penentuan Lokasi Switched 20 kV Power Capacitors pada Jaringan Distribusi 20 kV Jawa Timur*”. Surabaya : Universitas Kristen Petra.
- [9] Huddar Sujata, B. Kantharaj, K.R. Mohan, S.B. Patil, and Rudresh Magadum. “*Optimal Location and Sizing of DG using Fuzzy Logic*”, International Journal of Modern Engineering Research (IJMER), Vol 4, No. 6, June 2014

- [10] Ipniansyah. “ Optimasi Penerapan *Static Var Compensator* Pada Tenaga Listrik Sistem Mahakam Dengan Menggunakan Metode Algoritma Genetika”, Jurnal Ilmiah Elite Elektro, Vol 2, No. 2, September 2011
- [11] Irawan, Joni. “Optimasi Penempatan dan Ukuran Kapasitor *Bank* untuk Mengurangi Rugi – Rugi Daya Menggunakan Metoda Algoritma Genetika (Studi Kasus Interkoneksi Subsistem Sumbagsel 150 kV)”, Bengkulu : Universitas Bengkulu
- [12] Kubba H.A Prof, and Samir Sami Mahmood. “*Genetic Algorithm Based Load Flow Solution Problem In Electrical Power Systems*”, Journal of Engineering, Vol 15, No. 4, December 2009
- [13] Kusumadewi, Sri. 2002 “Analisa Desain Sistem *Fuzzy* Menggunakan Tool Box Matlab”. Jogjakarta: Graha Ilmu
- [14] Kurniawan, Unggul Dzackiy., Handoko, Susatyo., Winardi, Bambang. 2012. “Optimasi Penempatan Kapasitor Menggunakan Logika *Fuzzy* dan Algoritma Genetika Pada Sistem Distribusi Tenaga Listrik”. Semarang : Universitas Diponegoro
- [15] Landang, Jacklien., Sartje Silimang, ST.,MT., Maickel Tuegeh, ST.,MT. “Optimasi Penempatan Kapasitor Pada Jaringan Transmisi Teling-Tomohon Menggunakan Kecerdasan Buatan”, E-journal Teknik Elektro dan Komputer, 2015. Manado : Universitas Sam Ratulangi
- [16] Mehanna M.A, and M.H. Abdullah. “*Partical Capacitor Bank Location Optimization Based On Genetic Algorithm*”, International Journal of Engineering and Advanced Technology Studies, Vol 3, No. 3, October 2015
- [17] Mohammad A. S. Masoum, Marjan Ladjevardi, Akbar Jafarian and Ewald F. Fuchs, “*Optimal Placement, Replacement and Sizing of Capacitor Banks in Distorted Distribution Networks by Genetic Algorithms*”, IEEE Transaction on Power Delivery, Vol. 19, No. 4, Oktober 2004
- [18] Prasad P.V, S. Sivanagaraju, N. Sreenivasulu. “*A Fuzzy-Genetic algorithm For Optimal Capacitor Placement In Radial Distribution Systems*”, ARPN Journal of Engineering and Applied Sciences, Vol 2, No. 3, June 2007
- [19] Reddy, M. Damodar and Prof. V.C. Veera Reddy. “*Optimal Capacitor Placement Using Fuzzy And Real Coded Genetic Algorithm For Maximum*

- Savings*”. Journal of Theoretical and Applied Information Technology, 2005 – 2008.
- [20] Sahimi M. “*Power Flow Analysis Software Using Matlab*”. Malaysia : University Malaysia Pahang
- [21] Siddiqui, A.S. “*Determination Of Size And Location Of Capacitors For Placement On A Radial Distribution System Using Fuzzy Technique*”, International Journal on Power System Optimization and Control, January-June 2011
- [22] Soleymani S, B. Mozafari, and M.a. Kamarposhti. “*Optimal Capacitor Placement For Power Loss Reduction And Voltage Stability Enhancement In Distribution System*”, Trakia Journal of Sciences, Vol 12, No. 4, 2014
- [23] Stevenson, William D. 1996. *Analisis Sistem Tenaga Listrik*. Jakarta : Erlangga
- [24] Subrahmanyam, J.B.V. “*Optimal Capacitor Placement in Unbalanced Radial Distribution Networks*”. Journal of Theoretical and Applied Information Technology, 2005 – 2008, Vol. 6 No.1
- [25] Suyanto. 2005. Algoritma Genetika dalam MATLAB. Yogyakarta : Penerbit ANDI
- [26] Tanjung, Abrar. “Analisis Penentuan Peletakan Kapasitor Optimum Untuk Memperbaiki Jatuh Tegangan Dan Meminimalkan Rugi – Rugi Daya Pada Sistem Distribusi Menggunakan Program Electric Transient Analysis Program”. Pekanbaru : Universitas Lancang Kuning
- [27] Wartana, I Made dan Mimien Mustikawati. 2006. “Optimasi Penempatan Kapasitor Pada Saluran Distribusi 20 kV Dengan Menggunakan Metode Kombinasi Fuzzy Dan Algoritma Genetika”. Seminar Nasional Aplikasi Teknologi Informasi 2006 (SNATI 2006). Yogyakarta, 17 Juni.
- [28] Wijarnarko, Eko. 2011. “*Optimasi Penempatan Kapasitor Shunt Untuk Perbaikan Daya Reaktif Pada Penyalang Distribusi Primer Radial Dengan Algoritma Genetik*”. Semarang : Universitas Diponegoro
- [29] Vinothkumar K, B. Santosh Kumar, and M.P. Selvan. “*Voltage Stability Enhancement Of Radial Distribution System Using Distributed Generators*”, National Power System Conference, December 2010