

DAFTAR PUSTAKA

- [1] E. Kuffel, W. S. Zaengl and J. Kuffel, High Voltage Engineering: Fundamentals, Elsevier, ISBN 978-0-7506-3634-6, 2nd Edition, July 2000.
- [2] M. Ramdan, “Analisi Bentuk Gelombang dan Pola Urutan Pulsa maupun Pola Fasa pada Partial Discharge”, Intitut Teknologi Bandung, Bandung, 2019.
- [3] M. Isa, “Partial Discharge Location Technique for Covered Conductor Overhead Distribution Lines,” Doctoral dissertation, TKK, Finland, September 2013.
- [4] X. Chucheng, Z. Lingying, T. Asada, W. G. Odendaal, and J. D. V. Wyk, “An overview of integratable current sensor technologies,” in *38thIAS Annual Meeting on Conference Record of the Industry Applications Conference, 2003.*, 2003, pp. 1251-1258 vol 2.
- [5] E. P. Waldi et al, “Automatic Threshold of Standard Deviation to Reject Noise in Raw Data of Partial Discharges”, ARPN J. Eng. Appl. Sci, Vol.12, No.8, Hal.5319-5324, 2017.
- [6] H. B. H. Sitorus, D. Permata, dan E. Steven, “Analisis Peluahan Sebagian Pada Belitan Transformator Tegangan Menengah 5 Kv dengan Proses Pengisolasian yang Bervariasi,” *Elctr. J. Rekayasa dan Teknol. Elektro*, no.3, hal. 198-210, 2009.
- [7] Aulia, V. Dwiputri, dan R. Nazir, “Pengujian partial discharge low density polyethylene pada kondisi ruang dengan tegangan operasi 20 kV”, artik. Penelit, no 25163,2006.
- [8] M. D. Judd dan I. B. B. Hunter, “Partial Discharge Monitoring for Power Transfomes Using UHF Sensors Part 1,” IEEE Electr. Insul. Mag., vol. 21, no. 2, hal. 5-14, 2005.
- [9] A.Q.N. Karim, “Analisis Pendektsian dan pengolahan data magnitude peluahan sebagian dengan penetapan sample rate.” Universitas Andalas,Padang,2014.
- [10] S. Jain, “Development of Smart Human Machine Interface for Solar Powered Appliances,” hal. 6-9, 2015.
- [11] R. P. Zarta, “Pengujian Bahan Isolasi Ldpe Film Terhadap Aktivitas PD (Partial Discharge) di Udara Menggunakan Elektroda Jarum - Bidang dengan Sela udara 0,5 Mm,” Universitas Andalas, 2012.
- [12] L. Kojovic, “Rogowski Coil Transient Performance and ATP Simulations for Applications in Protective Relaying”, International Conference on Power Systems Transients (IPST’05), Montreal, Canada, 19-23 June 2005.

- [13] D. A. Ward and J. L. T. Exxon, "Using Rogowski Coils for Transient Current Measurements", *Engineering Science and Education Journal*, Vol. 2, No. 3, pp. 105-113, June 1993.
- [14] G. Xiaohua, L. Jingsheng, Z. Mingjun and Y. Miaoyuan, "Improved Performance Rogowski Coils for Power System", *IEEE Conference on Transmission, Distribution and Exposition*, Wuhan, China, Vol. 1, pp. 371-374, 7-12 September 2003.
- [15] Suwarno. Partial Discharges in High Voltage Insulations. 2014 IEEE International Conference on Electrical Engineering and Computer Science pp. 369-375.
- [16] Suwarno. Diagnosis Peralatan Tegangan Tinggi dan Smart Grid. 2011. Pidato Ilmiah Guru Besar Institut Teknologi Bandung
- [17] Hermawan, Abdul Syakur. The Analysis of Partial Discharge (PD) from Electrical Treeing in Linear Low Density Polpethylene (LLDPE) and High Density Polyethelene (HDPE). 2008. *Jurnal Teknik* Vol. 29 -No. 3 Tahun 2008, ISSN 0852-1697 pp. 196-202.
- [18] G. M. Hashmi, Partial Discharge Detection for Condition Monitoring of Covered-Conductor Overhead Distribution Networks Using Rogowski Coil, Doctoral Dissertation, Helsinki University of Technology, Finland, August 2008.
- [19] P. Heine, "Voltage Sags in Power Distribution Networks", Doctoral dissertation, Helsinki University of Technology (TKK), Espoo, Finland, November 2005.
- [20] P. J. Moore, I. Portugues and I. A. Glover, "A nonintrusive partial discharge measurement system based on RF technology," 2003 IEEE Power Engineering Society General Meeting (IEEE Cat. No.03CH37491), 2003, pp. 628-633 Vol. 2, doi: 10.1109/PES.2003.1270372.
- [21] M. Shafiq, M. Lehtonen, L. Kutt, and M. Isa, "Design, Implementation and Simulation of Non-Intrusive Sensor for On-Line Condition Monitoring of MV Electrical Components," *Engineering*, vol. 6, no. 11, pp. 680–691, 2014, doi: 10.4236/eng.2014.611067.
- [22] S. Rusnok, P. Sobota, V. Mach, P. Kacor, and S. Misak, "Possibilities of program EMTP-ATP to analyze the starting current of induction motor in frequent switching," *Int. Sci. Conf. Electr. Power Eng.*, vol. 00, no. 8, pp. 614–619, 2015.
- [23] N. K. H. Rohani et al., "Evaluation of Rogowski coil sensor performance using EMTP-ATP software," in 2016 3rd International Conference on Electronic Design, ICED 2016, pp. 446–451, 2016.

- [24] A. Z. Abdullah, M. Isa, M. N. K. H. Rohani, H. A. Hamid, M. H. Amlus, N. Azizan, "Modelling and Simulation of Online Partial Discharge Measurement for Medium Voltage Power Cable," Bulletin of Electrical Engineering and Informatics, vol. 9, no. 2, April 2020, pp. 427-435, 2020, doi: 10.11591/eei.v9i2.2076.
- [25] G. M. Hashmi and M. Lehtonen, "On-line PD Measuring System Modeling and Experimental Verification for Covered-Conductor Overhead Distribution Networks", IEEE Mediterranean Conference on Control and Automation (MED07), Athens, Greece, pp. 1-6, 27-29 June 2007.
- [26] Y. P, Winarko Ari, Abdul Syakur, "Analisis Partial Discharge Pada Material Polimer Resin Epoksi Dengan Menggunakan Elektroda Jarum Bidang," Jur. Tek. Elektro Fak. Tek. Univ. Diponegoro, no. January, 2009.
- [27] W. S. Meyer and T. H. Liu, Alternative Transients Program (ATP) Rule Book, Report by Canadian/American EMTP User Group, 1987-2000.
- [28] L. Prikler and H. K. Hoidalen, ATPDraw Version 5.6 for Windows 9x/NT/2000/XP/Vista - User's Manual, Report by NTNU, Norway and SINTEF Energy Research, Budapest, Hungary, November 2009.
- [29] Folkers, Ralph. 1999. Determine current transformer suitability using EMTP models. SEL 1999, www.selinc.com/techpprs/6096.pdf.
- [30] H. Zhang, Advanced Techniques Application of On-line Partial Discharge Detection in Power Cables, Doctoral Thesis, University of New South Wales, Australia, August 2006.