

DAFTAR PUSTAKA

- [1] Kementerian Energi dan Sumber Daya Mineral Direktrat Jenderal Keteragalistrikan, “Statistik Kelistrikan 2020,” *Kementerian Energi dan Sumber Daya Miner. Direktrat Jenderal Keteragalistrikan*, vol. 13, no. April, p. 122, 2021.
- [2] Sekretariat Perusahaan PT PLN (Persero), “Statistik PLN 2021,” *Stat. PLN 2021*, vol. 01001–2206, no. Juni, pp. 49–58, 2021.
- [3] U.S. Energy Information Administration, “Electricity and the Environment,” <https://www.eia.gov/energyexplained/electricity/electricity-and-the-environment.php>, Nov. 23, 2022. <https://www.eia.gov/energyexplained/electricity/electricity-and-the-environment.php> (accessed Jan. 20, 2023).
- [4] M. G. Patterson, “What is Energy Efficiency? Concepts, Indicators and Methodological Issues,” *Energy Policy*, vol. 24, no. 5, pp. 377–390, 1996, doi: 10.1016/0301-4215(96)00017-1.
- [5] N. Isaacs, M. Donn, and G. Baird, *Energy Audit and Management*, vol. 18, no. 5. 1990. doi: 10.1080/01823329008727058.
- [6] A. Ghurri, “Konsep Manajemen Energi,” p. 111, 2016.
- [7] E. J. Abdillah, *Konservasi Energi Pada Gedung Kantor Pusat PT Petrokimia Gresik Melalui Rekayasa Desain Selubung Bangunan*. Malang: Program Studi Arsitektur, Universitas Brawijaya, 2018.
- [8] S. Yuatmoko, *Evaluasi Peluang Penghematan Energi Pada Lantai II dan IV Gedung Mall " XYZ " di Kediri*. Surabaya: Mechanical Engineering Department, Sepuluh Nopember Institute of Technology, 2016.
- [9] M. Y. Aziz, “Evaluasi Penggunaan Energi dan Analisis Peluang Konservasi Energi Listrik di Gedung B Politeknik Akademi Kimia Analisis Bogor,” 2019.
- [10] F. Wijastuti, *Audit Energi Listrik Studi Kasus di Gedung Perpustakaan Pusat UGM Sayap Selatan (L1)*. Universitas Gadjah Mada, 2014. [Online]. Available: http://etd.repository.ugm.ac.id/home/detail_pencarian/67754
- [11] D. L. Klass, “Encyclopedia of Energy Vol. I,” 2004.



- [12] C. Metzgar, "Mechanical Energy 101," *Pit Quarr.*, vol. 96, no. 8, p. 60, 2004.
- [13] A. Peter, *The Laws of Thermodynamics: A Very Short Introduction (Very Short Introductions)*. Oxford University Press, 2010.
- [14] B. Zohuri, *First Law of Thermodynamics*. 2018. doi: 10.1016/b978-0-12-814519-7.00005-7.
- [15] D. R. Patrick, S. W. Fardo, R. E. Richardson, and S. R. Patrick, *Energy Conservation Guidebook*, 2nd ed. Fairmont Press, 2007.
- [16] B. Clive, *Energy: Management, Supply and Conservation*, 2nd ed. Butterworth - Heinemann, 2009.
- [17] W. C. Turner, P. D. Pe, W. J. Kennedy, and D. Ph, *Guide to Energy Management Fourth Edition*. 2003.
- [18] E. S. Committee, *IEEE Recommended Practice for Energy Management in Industrial and Commercial Facilities*, vol. 1995, no. Lcc. 1996. doi: 10.1109/IEEESTD.1996.85948.
- [19] E. Thomson, Y. Chang, and J. S. Lee, *Energy Conservation in East Asia: Towards Greater Energy Security*, vol. 8. World Scientific Publishing Co. Pte. Ltd., 2010. doi: 10.1142/6607.
- [20] B. Buscher, *The Conservation Revolution*. New York: Plenum Press, 2020. doi: 10.1007/1978-1-4615-9209-9.
- [21] S. C. Bhatia and S. Devraj, *Energy Conservation*. New Delhi: Woodhead Publishing India Pvt. Ltd., 2016. doi: 10.1063/1.2914184.
- [22] G. L. Race, *Comfort - CIBSE Knowledge Series KS6*, vol. 1, no. 2. Chartered Institution of Building Services Engineers, 2006.
- [23] G. L. Race, J. Balian, H. Davies, and Chartered Institution of Building Services Engineers., *How to Manage Overheating in Buildings : A Practical Guide to Improving Summertime Comfort in Buildings*. 2010.
- [24] W. R. Stevens, *Building Physics : Lighting. Seeing in the Artificial Environment*, 1st ed. New York: Pergamon Press, 1969.
- [25] A. Tarrant, B. Cadbury, M. Duncanson, I. Maclean, and R. Weir, *Guide to the Lighting of Licensed Premises*. West Yorkshire: Charlesworth Press, 2011.
- [26] B. Peter and R. Peter, *The SLL Lighting Handbook*. Stones the Printers Ltd.,



2009.

- [27] Chartered Institution of Building Services Engineers [CIBSE], “Lighting Guide LG10: Daylighting and Window Design,” *Building*, pp. 1–99, 1999.
- [28] P. Ruffles, *Lighting Guide 7 : Office Lighting*. The Society of Light and Lighting, Chartered Institution of Building Services Engineers, 2005.
- [29] D. T. Jung *et al.*, “Light Sensitivity,” 2008.
- [30] J.-D. Mok, S.-K. Park, and S.-B. Jeon, “A Consideration on the Electrodeless Fluorescent Lamp and its Radio Interference Characteristics,” pp. 312–317, 2011.
- [31] G. B. Nair and S. J. Dhoble, *The Fundamentals and Applications of Light-Emitting Diodes*. Woodhead Publishing, 2020.
- [32] Badan Standardisasi Nasional, “SNI 6197 : 2011 Konservasi Energi Pada Sistem Pencahayaan,” 2011.
- [33] J. D. Spitler, C. S. Michaels, S. Boyle, L. Ramsdell, and T. Becker, *Load Calculation Applications Manual*, 2nd ed. 2014.
- [34] ASHRAE, *ASHRAE Handbook Fundamentals SI*. 2017.
- [35] ASHRAE, *1997 ASHRAE Handbook*. 1997.
- [36] N. U. Fithrah, M. Ramdhan Kirom Msi, and T. A. Ayodha, “Effect of Cooling Load Error Calculation without South Latitude Correction in CLTD Method for Building in Bandung,” vol. 4, no. 1, pp. 658–665, 2017.
- [37] ASHRAE, *Cooling and Heating Load Calculation Manual*. 1997.
- [38] R. Hinrichs and M. H. Kleinbach, *Energy : Its Use and Environment*, 5th ed. 2013.
- [39] Badan Standardisasi Nasional, *SNI 6390 : 2011 Konservasi Energi Sistem Tata Udara Bangunan Gedung*. 2011.
- [40] Editors of Encyclopedia Britannica, “temperature,” 2023. <https://www.britannica.com/science/temperature>
- [41] K. Parsons, *Human Termal Environments*. London: Taylor and Francis Inc., 2003.
- [42] ASHRAE, *ASHRAE HVAC 2001 Fundamentals Handbook*. 2001.
- [43] ASHRAE, *ASHRAE Standard 55-2004 Thermal Environmental Conditions for Human Occupancy*. 2004.



- [44] Badan Standardisasi Nasional, “SNI 03-6572-2001 Tata Cara Perancangan Sistem Ventilasi dan Pengondisian Udara Pada Bangunan Gedung,” 2001.
- [45] G. S. Korotchenkov, *Handbook of Humidity Measurement*, 1st ed. Taylor & Francis Group, 2018.
- [46] M. G. Lawrence, “The Relationship between Relative Humidity and the Dewpoint Temperature in Moist Air,” no. July 2004, pp. 225–233, 2005, doi: 10.1175/BAMS-86-2-225.
- [47] A. Thumann and W. J. Younger, *Handbook of Energy Audits*, 7th ed. Lilburn: The Fairmont Press, Inc., 2008.
- [48] M. Krarti, *Energy Audit of Building Systems : An Engineering Approach*, 2nd ed. CRC Press, 2011.
- [49] Badan Standardisasi Nasional, *SNI 6196 : 2011 Prosedur Audit Energi Pada Bangunan Gedung*. 2011.
- [50] BSN, “SNI ISO 50002 : 2014,” 2018.
- [51] Kementerian ESDM, *Peraturan Menteri ESDM Nomor 13 Tahun 2012*. 2012.
- [52] USAID Indonesia Clean Energy Development, *Panduan Penghematan Energi di Gedung Pemerintah Panduan Penghematan Energi di Gedung Pemerintah*. 2014. [Online]. Available: www.iced.or.id
- [53] Pemerintah Provinsi DKI Jakarta, *Peraturan Gubernur Provinsi Daerah Khusus Ibukota Jakarta Nomor 38 Tahun 2012*. 2012.
- [54] S. Desai, *Handbook of Energy Audit*. New Delhi: McGraw Hill Education (India) Private Limited, 2015.
- [55] M. Giatman, *Ekonomi Teknik*. Jakarta: PT RajaGrafindo Persada, 2011.
- [56] Badan Standardisasi Nasional, *SNI 7062 : 2019 Pengukuran Intensitas Pencahayaan di Tempat Kerja*. 2019. [Online]. Available: www.bsn.go.id
- [57] A. A. Gaertner, “LED Measurement Issues”, [Online]. Available: https://optronicslabs.com/wp-content/uploads/2015/03/R24_LED-MEASUREMENT-ISSUES_1-03_GH.pdf
- [58] Badan Standardisasi Nasional, “SNI 6389-2011,” 2011.
- [59] W. Pyo, “Comparative study on the effect of cooling & heating loads by lighting energy of various light sources in an office building,” vol. 30, 2016.



- [60] M. J. Moran, *Fundamentals of Engineering Thermodynamics*, 5th ed. John Wiley & Sons Ltd, 2018.
- [61] MAC, “The Humidity / Moisture Handbook,” 2019.
- [62] R. Fitton, W. Swan, and T. Hughes, “The thermal performance of window coverings in a whole house test facility with single-glazed sash windows,” pp. 1419–1431, 2017, doi: 10.1007/s12053-017-9529-0.

