

DAFTAR PUSTAKA

- [1] International Energy Agency, “Buildings,” Buildings. Accessed: Jun. 23, 2023. [Online]. Available: <https://www.iea.org/energy-system/buildings#programmes>
- [2] M. González-Torres, L. Pérez-Lombard, J. F. Coronel, I. R. Maestre, and D. Yan, “A review on buildings energy information: Trends, end-uses, fuels and drivers,” *Energy Rep.*, vol. 8, pp. 626–637, Nov. 2022, doi: 10.1016/j.egy.2021.11.280.
- [3] J. D. Spitler, *Load calculation applications manual*, Second edition. I-P edition. Atlanta, GA: ASHRAE, 2014.
- [4] Japan International Cooperation Agency Electric Power Development Co., Ltd., “The Study On Energy Conservation and Efficiency Improvement In The Republic of Indonesia,” Ministry of Energy and Mineral Resources Republic of Indonesia, Tokyo, 2009. Accessed: Jul. 24, 2023. [Online]. Available: <https://openjicareport.jica.go.jp/pdf/11949260.pdf>
- [5] M. Iqbal, “OVERALL THERMAL TRANSFER VALUE Studi Kasus : Ruang Kuliah III Pada Program Studi Arsitektur Universitas Malikussaleh,” *J. Arsitekno*, vol. 5, no. 5, p. 32, Feb. 2019, doi: 10.29103/arj.v5i5.1227.
- [6] J. Vijayalaxmi, “Concept of Overall Thermal Transfer Value (OTTV) in Design of Building Envelope to Achieve Energy Efficiency,” *Int. J. Therm. Environ. Eng.*, vol. 1, no. 2, pp. 75–80, Dec. 2010, doi: 10.5383/ijtee.01.02.003.
- [7] T. Handayani, “EFISIENSI ENERGI DALAM RANCANGAN BANGUNAN”.
- [8] M. Qays Oleiwi, M. Farid Mohamed, M. Khairul Azhar Mat Sulaiman, A. Irfan Che-Ani, and S. N. Raman, “Thermal Environment Accuracy Investigation of Integrated Environmental Solutions-Virtual Environment (IES-VE) Software for Double-Story House Simulation in Malaysia,” *J. Eng. Appl. Sci.*, vol. 14, no. 11, pp. 3659–3665, Nov. 2019, doi: 10.36478/jeasci.2019.3659.3665.



- [9] F. W. H. Yik and K. S. Y. Wan, "An evaluation of the appropriateness of using overall thermal transfer value (OTTV) to regulate envelope energy performance of air-conditioned buildings," *Energy*, vol. 30, no. 1, pp. 41–71, Jan. 2005, doi: 10.1016/j.energy.2004.03.001.
- [10] I. Paryudi, S. Fenz, and A. M. Tjoa, "Study on Indonesian Overall Thermal Transfer Value (OTTV) Standard," *Int. J. Therm. Environ. Eng.*, vol. 06, no. 2, 2013, doi: 10.5383/ijtee.06.02.001.
- [11] P. T. H. Ha, "A Concept for Energy-Efficient High-Rise Buildings in Hanoi and a Calculation Method for Building Energy Efficiency Factor," *Procedia Eng.*, vol. 142, pp. 154–160, 2016, doi: 10.1016/j.proeng.2016.02.026.
- [12] T. N. Chan, P. Thi Hai Ha, and N. T. K. Phuong, "Method of calculating solar heat transmitted through shaded windows for OTTV in consideration of diffuse radiation diminished," *J. Asian Archit. Build. Eng.*, vol. 22, no. 2, pp. 945–960, Mar. 2023, doi: 10.1080/13467581.2022.2064477.
- [13] R.-L. Hwang, W.-M. Shih, T.-P. Lin, and K.-T. Huang, "Simplification and adjustment of the energy consumption indices of office building envelopes in response to climate change," *Appl. Energy*, vol. 230, pp. 460–470, Nov. 2018, doi: 10.1016/j.apenergy.2018.08.090.
- [14] L. Kusumawati, E. Setyowati, and A. B. Purnomo, "Practical-Empirical Modeling on Envelope Design towards Sustainability in Tropical Architecture," *Sustainability*, vol. 13, no. 5, p. 2959, Mar. 2021, doi: 10.3390/su13052959.
- [15] Badan Standarisasi Nasional, "Konservasi Energi Bangunan Pada Bangunan Gedung." Badan Standarisasi Nasional, Jakarta, Dec. 14, 2020. Accessed: Jun. 23, 2023. [Online]. Available: <https://akses-sni.bsn.go.id/viewsni/baca/8070>
- [16] H. Utama and E. Setyowati, "Optimalisasi Konservasi Energi Bangunan Bertingkat melalui Pilihan Material Kaca sebagai Fasad," *ARSITEKTURA*, vol. 20, no. 2, p. 353, Oct. 2022, doi: 10.20961/arst.v20i2.65099.



- [17] R. Anggraini, “EVALUASI PENERAPAN EFISIENSI DAN KONSERVASI ENERGI PADA GEDUNG LABORATORIUM PENELITIAN DAN PENGUJIAN TERPADU UNIVERSITAS GAJAH MADA,” Universitas Islam Indonesia, Yogyakarta, 2019.
- [18] M. Nikpour, M. Z. Kandar, and E. Mousavi, “Empirical Validation of Simulation Software with Experimental Measurement of Self Shading Room in Term of Heat Gain,” 2013.
- [19] A. Yuniarnovitri, “EVALUASI PERHITUNGAN NILAI OTTV SELUBUNG BANGUNAN MENGGUNAKAN STANDAR PERHITUNGAN INDONESIA,” Universitas Gadjah Mada, Yogyakarta, 2019.
- [20] D. P. E. Laksmiyanti, “KINERJA BENTUK BANGUNAN PERKANTORAN BERTINGKAT MENENGAH DI SURABAYA TERHADAP EFISIENSI ENERGI PENDINGINAN,” *J. IPTEK*, vol. 20, no. 1, p. 1, Jun. 2016, doi: 10.31284/j.iptek. 2016.v20i1.16.
- [21] Meteotest AG, “Global Meteorological Database Version 8.2 Software and Data for Engineers, Planers and Education.” Switzerland. [Online]. Available: https://meteonorm.com/assets/downloads/mn82_software.pdf
- [22] “ANSI/ASHRAE Addendum a to ANSI/ASHRAE Standard 169-2020”.
- [23] Badan Standarisasi Nasional, “Tata Cara Perancangan Sistem Ventilasi dan Pengkondisian Udara pada Bangunan Gedung.” 2001.

