DAFTAR PUSTAKA

[1] A. C. A. Praditya Tampubolon, "Laporan Status Energi Bersih Indonesia," *Iesr*, pp. 1–23, 2019, [Online]. Available: www.iesr.or.id

[2] S. M. N. Shams, M. Mc Keever, S. Mc Cormack, and B. Norton, "Design and experiment of a new solar air heating collector," *Energy*, vol. 100, pp. 374–383, 2016, doi: 10.1016/j.energy.2015.12.136.

[3] C. Chen, L. Mao, T. Lin, T. Tu, L. Zhu, and C. Wang, "Performance testing and optimization of a thermoelectric elevator car air conditioner," *Case Stud. Therm. Eng.*, vol. 19, no. February, p. 100616, 2020, doi: 10.1016/j.csite.2020.100616.

[4] O. A. Al-Shahri *et al.*, "Solar photovoltaic energy optimization methods, challenges and issues: A comprehensive review," *J. Clean. Prod.*, vol. 284, p. 125465, 2021, doi: 10.1016/j.jclepro.2020.125465.

[5] D. Hao *et al.*, "Solar energy harvesting technologies for PV self-powered applications: A comprehensive review," *Renew. Energy*, vol. 188, pp. 678–697, 2022, doi: 10.1016/j.renene.2022.02.066.

[6] İ. Atmaca, A. Şenol, and A. Çağlar, "Performance testing and optimization of a split-type air conditioner with evaporatively-cooled condenser," *Eng. Sci. Technol. an Int. J.*, vol. 32, 2022, doi: 10.1016/j.jestch.2021.09.010.

[7] O. Z. Sharaf and M. F. Orhan, "Concentrated photovoltaic thermal (CPVT) solar collector systems: Part I - Fundamentals, design considerations and current technologies," *Renew. Sustain. Energy Rev.*, vol. 50, pp. 1500–1565, 2015, doi: 10.1016/j.rser.2015.05.036.

[8] A. Song, L. Lu, and T. Ma, "Life-cycle evaluation of different types of

cooling systems in buildings," *Energy Procedia*, vol. 142, pp. 1743–1748, 2017, doi: 10.1016/j.egypro.2017.12.558.

[9] M. Bilgili, "Hourly simulation and performance of solar electric-vapor compression refrigeration system," *Sol. Energy*, vol. 85, no. 11, pp. 2720–2731, 2011, doi: 10.1016/j.solener.2011.08.013.

[10] S. Kalogirou, "Recent Patents in Solar Energy Collectors and Applications," *Recent Patents Eng.*, vol. 1, no. 1, pp. 23–33, 2008, doi: 10.2174/187221207779814644.

[11] S. Said *et al.*, "An Experimental Comparison of the Performance of Various Evacuated Tube Solar Collector Designs," *Sustain.*, vol. 15, no. 6, 2023, doi: 10.3390/su15065533.

[12] Y. Choi, "An experimental study of the solar collection performance of liquid-type solar collectors under various weather conditions," *Energies*, vol. 11, no. 7, 2018, doi: 10.3390/en11071626.

[13] Y. Wang, Y. Fan, D. Wang, Y. Liu, Z. Qiu, and J. Liu, "Optimization of the areas of solar collectors and photovoltaic panels in liquid desiccant air-conditioning systems using solar energy in isolated low-latitude islands," *Energy*, vol. 198, p. 117324, 2020, doi: 10.1016/j.energy.2020.117324.

[14] Q. Al-Yasiri, M. Szabó, and M. Arıcı, "A review on solar-powered cooling and air-conditioning systems for building applications," *Energy Reports*, vol. 8, pp. 2888–2907, 2022, doi: 10.1016/j.egyr.2022.01.172.

[15] T. T. Chow, G. Pei, K. F. Fong, Z. Lin, A. L. S. Chan, and M. He, "Modeling and application of direct-expansion solar-assisted heat pump for water heating in subtropical Hong Kong," *Appl. Energy*, vol. 87, no. 2, pp. 643–649, 2010, doi: 10.1016/j.apenergy.2009.05.036.

[16] S. Yoon *et al.*, "Performance analysis of a hybrid HVAC system consisting of a solar thermal collector and a radiative cooling panel," *Energy Build.*, vol. 241, p. 110921, 2021, doi: 10.1016/j.enbuild.2021.110921.

[17] M. Thirugnanasambandam, S. Iniyan, and R. Goic, "A review of solar thermal technologies," *Renew. Sustain. Energy Rev.*, vol. 14, no. 1, pp.

312–322, 2010, doi: 10.1016/j.rser.2009.07.014.

[18] B. Liu, X. Zhang, and J. Ji, "Review on solar collector systems integrated with phase-change material thermal storage technology and their residential applications," *Int. J. Energy Res.*, vol. 45, no. 6, pp. 8347–8369, 2021, doi: 10.1002/er.6397.

[19] Q. Xiong, A. Hajjar, B. Alshuraiaan, M. Izadi, S. Altnji, and S. A. Shehzad, "State-of-the-art review of nanofluids in solar collectors: A review based on the type of the dispersed nanoparticles," *J. Clean. Prod.*, vol. 310, no. May, p. 127528, 2021, doi: 10.1016/j.jclepro.2021.127528.

[20] S. N. Yaakop, M. H. F. Md Fauadi, and A. A. Muhammad Damanhuri, "Experimental Study on Heat Recovery of Air Dryer from Waste Heat Energy of Condensing Unit from VCRS Air Conditioner," *Nat. Environ. Pollut. Technol.*, vol. 22, no. 1, pp. 149–157, 2023, doi: 10.46488/NEPT.2023.V22I01.013.

[21] N. Hamja, E. Yandri, E. Hilmi, U. Uhanto, and R. Saiful, "Potential for Electrical Energy Savings in AC Systems by Utilizing Exhaust Heat from Outdoor Unit," vol. 2, no. 2, 2024, doi: 10.60084/hjas.v2i2.223.

[22] F. Eze, M. Egbo, U. J. Anuta, O.-B. R. Ntiriwaa, J. Ogola, and J. Mwabora, "A review on solar water heating technology: Impacts of parameters and techno-economic studies," *Bull. Natl. Res. Cent.*, vol. 48, no. 1, pp. 1–22, 2024, doi: 10.1186/s42269-024-01187-1.

[23] Z. Tian, B. Perers, S. Furbo, and J. Fan, "Thermo-economic optimization of a hybrid solar district heating plant with flat plate collectors and parabolic trough collectors in series," *Energy Convers. Manag.*, vol. 165, no. March, pp. 92–101, 2018, doi: 10.1016/j.enconman.2018.03.034.

[24] H. Azad Gilani and S. Hoseinzadeh, "Techno-economic study of compound parabolic collector in solar water heating system in the northern hemisphere," *Appl. Therm. Eng.*, vol. 190, no. November 2020, p. 116756, 2021, doi: 10.1016/j.applthermaleng.2021.116756.

[25] F. Aguilar, D. Crespí-Llorens, and P. V. Quiles, "Techno-economic

analysis of an air conditioning heat pump powered by photovoltaic panels and the grid," *Sol. Energy*, vol. 180, no. November 2018, pp. 169–179, 2019, doi: 10.1016/j.solener.2019.01.005.

[26] T. T. Chow, W. He, J. Ji, and A. L. S. Chan, "Performance evaluation of photovoltaic-thermosyphon system for subtropical climate application," *Sol. Energy*, vol. 81, no. 1, pp. 123–130, 2007, doi: 10.1016/j.solener.2006.05.005.

[27] L. M. Ayompe, "Solar thermal systems," *Energy Perform. Build. Energy Effic. Built Environ. Temp. Clim.*, no. l, pp. 349–375, 2015, doi: 10.1007/978-3-319-20831-2_17.