

DAFTAR PUSTAKA

- Aadhithiyan, A.K., Sreeraj, R., Naik, B. Kiran., Anbarasu, S., 2021. *Assessment of evaporative cooling process across the mechanically driven cooling tower based on two point boundary value problem using novel integral technique*. International Journal of Refrigeration 131. Page : 254-262. <https://doi.org/10.1016/j.ijrefrig.2021.08.002>
- Assad, M. El Haj., Hani, E. Bani., Khalil, M., 2017. *Performance of geothermal power plants (single, dual, and binary) to compensate for LHC-CERN power consumption: comparative study*. Geothermal Energy : 5:17 DOI 10.1186/s40517-017-0074-z
- Blecich, Paolo., Sencic, Tomislav., Wolf, Igor., Bonefacic, Igor., 2018. *Numerical Investigation of Heat and Mass Transfer Inside a Wet Cooling tower*. Technical Journal 12. Page 131-138. <https://doi.org/10.31803/tg-20171017145907>.
- Cengel, Y.A., Boles, M.A., Kanoglu, M., 2019. *Thermodynamics an Engineering Approach*, 9th edition, McGraw-Hill Education, New York.
- DiPippo, Ronald., 2012. *Geothermal Power Plants: Principles, Applications, Case Studies and Environmental Impact*. Edisi ke-3. Elsevier.
- Guan, Zhigiang., Hooman, Kamel., Gurgenci, Hal., 2016. *Dry Cooling towers for Geothermal Power Plants*. Alternative Energy and Shal Gas Encyclopedia. <https://doi.org/10.1002/9781119066354.ch32>
- Hosoz M, Ertunc HM, Belgurcu H., 2007. *Performance prediction of a cooling tower using artificial neural network*. Energy Convers Manage. Page : 1349-59.
- Huttrer, Gerald W. "Gethermal Power Generation in the World 2015-2020 Update Report." Proceeding World Geothermal Congress (2020+1)
- Incropera, F.P., Dewitt, D.P., Bergman, T.L., Lavine, A.S., 2007, *Fundamentals of Heat and Mass Transfer*, 6th edition, John Wiley & Sons, New York.
- J. Ruiz, A.S. Kaiser, M. Lucas., 2017. *Experimental determination of drift and PM10 cooling tower emissions: Influence of components and operating conditions*, Environmental Pollution 230 (2017) 422–431. <https://doi.org/10.1016/j.envpol.2017.06.073>
- Kamila, Z., Kaya, E., Zarrouk., S.J., 2021, *Reinjection in geothermal fields: An updated worldwide review 2020*. Geothermics. 89. 2021 101970
- Khan, J. R., and Zubair, S. M., *An Improved Design and Rating Analyses of Counter Flow Wet Cooling towers*, ASME Journal of Heat Transfer, vol. 123, no. 4, pp. 770–778, 2001.

- Khan, A.M., *The Geysers Geothermal Field, an Injection Success Story*. 2010. Proceedings World Geothermal Congress. 2010.
- Moya, Diego., 2021. *Thermodynamic Analysis and Optimization of Geothermal Power Plants*.
- Morrison, Frank. "Saving water with cooling towers". ASHRAE J. 16 (2015) 20–33.
- Najafabadi, Alireza., 2015. *Geothermal Power Plant Condensers in the World*. Proceeding World Geothermal Congress 2015.
- P. Dong, X. Li., 2020. *A novel method integrating windbreak walls with water distribution to mitigate the crosswind effects on natural draft dry cooling towers*. Journal of Wind Engineering & Industrial Aerodynamics 205. :104318. <https://doi.org/10.1016/j.jweia.2020.104318>
- Qureshi, B.A., Zubair, S.M., 2014, *Prediction of Evaporation losses in Wet Cooling towers*. *Heat Transfer Engineering*.
- Rezaei, Ebrahim., Shafiei, Sirous., Abdollahnezhad, Aydin., 2010. *Reducing water consumption of an industrial plant cooling unit using hybrid cooling tower*. Energy Conversion and Management 51. pp : 311-319. <http://dx.doi.org/10.1016/j.enconman.2009.09.027>
- R.H Perry., 1997. *Evaporative Cooling*. Perry's chemical engineer's handbook. McGraw-Hill, Kansas, pp. 12-17
- Shublaq. Mohammed, Sleiti. Ahmad K., 2020. "Experimental analysis of water evaporation losses in cooling towers using filters". Applied Thermal Engineering 175. (2020) : 115418. <https://doi.org/10.1016/j.applthermaleng.2020.115418>
- Simpson, W. M., and Sherwood, T. K., 1946. *Performance of Small Mechanical Draft Cooling towers*, Refrigerating Engineering, vol. 52, no. 6, pp. 525–543, 574–576.
- S. Li, M.R. Flynn., 2021. *Cooling tower plume abatement and plume modeling: a review*, Environmental fluid mechanics 21 (3) pp. 521–559.
- Sufyana, Candra Mecca., Akbar, Fiki Taufik., Srigutomo, Wahyu., 2023. *Thermal modeling and simulation of a single-flash geothermal power plant involving non-condensable gas: a case study of Kamojang geothermal field in Garut, West Java, Indonesia*. <https://doi.org/10.1186/s40517-023-00249-3>
- Xia, Y., Wang, Bing., Zhang., F., Jia, Z., 2022. *Optimization and Transformation of Water Treatment Technology for Surface Water ReInjection Into Geothermal Reservoir in Dongli Lake Area of Tianjin.*, International Joint Conference on Energy and Environmental Engineering (CoEEE 2022), Stockholm, Sweden.

- Yuan, W., Sun, F., Liu, R., Chen, X., & Li, Y. (2020). The effect of air parameters on the evaporation loss in a natural draft counter-flow wet cooling tower. *Energies*, 13(23), 6174. <https://doi.org/10.3390/en13236174>.
- Yuan, W., Sun, F., Liu, R., Chen, X., & Li, Y. (2021). Effect of change factors on evaporation loss based on cold end system of natural draft counter-flow wet cooling towers. *Journal of Thermal Science and Technology*, 16(2), JTST0015. <https://doi.org/10.1299/jtst.2021jtst0015>.
- Z. Yu, C. Sun, J. Fang, L. Zhang, Y. Hu, B. Bao, S. Bu, W. Xu, Y. Ji., 2021. *Water recovery efficiency improvement using the enhanced structure of the mist eliminator*, *Process Safety and Environmental Protection* 154 pp : 433-446. <https://doi.org/10.1016/j.psep.2021.08.018>
- Zargar, A., Kodkani, A., Vickers, B., Flynn, M.R., Secanell, M., *A hybrid cooling tower model for plume abatement and performance analysis*. 2023. *Applied Thermal Engineering* 219. <https://doi.org/10.1016/j.applthermaleng.2022.119593>.

