



## DAFTAR PUSTAKA

- A. Buckshumiyann and R. Sabarish. 2017. *Performance Analysis of Regenerative Feedwater Heaters in 210mw Thermal Power Plant Int. J. Pure Appl. Math.* vol. 116, no. 20, pp. 25–29.
- Afifudin, Nana. 2013. *Start Mill*. Laporan Uji Kompetensi. Universitas Brawijaya. Sector Pembangkitan Rembang.
- Akbar, Muhammad Sjahid, Suryadi, Fredi, Prastyo, Dedy Dwi. 2009. Kinerja *Economizer Pada Boiler*. Institut Teknologi Sepuluh November. Jurnal Teknik *Industry*. 11(1): 72-81.
- Babcock & Wilcox International. 1992. *Steam 40<sup>th</sup> Edition*, Babcock & Wilcox a Mc Dermott, Company, USA.
- Budiman A, Syarief A, Isworo H. 2014. Analisis Perpindahan Panas dan Efisiensi Efektif *High Pressure Heater (HPH)* di PLTU Asam-Asam. Jurnal Ilmiah Teknik Mesin Unlam. 03(2):76–82.
- Carnot, S. 1824. *Réflexions sur la Puissance Motrice du Feu et sur les Machines propres à Développer cette Puissance*. Bachelier. Paris. (English translation. 2005. *Reflections on the Motive Power of Fire*. Dover. Mineola. New York).
- Damayanti, M. U. 2016. Analisis Termal *High Pressure Feed Water Heater* di PLTU PT IPMOMI Unit 7 dan 8 Paiton. Institute Teknologi Sepuluh November. Surabaya.
- Dectaviansyah, D. 2016. Laporan Kerja Praktik Di PT Indonesia Power Unit Pembangkitan Suralaya. Yogyakarta: Universitas Gadjah Mada.
- Fadhilah, M. A. 2013. Manajemen Persediaan pada Divisi Administrasi Logistik dan Gudang PT. Indonesia Power UB. Pembangkitan Suralaya. Yogyakarta: Universitas Islam Indonesia.
- Fakheri, A. 2014. *Efficiency Analysis of Heat Exchangers and Heat Exchanger Networks*. Department of Mechanical Engineering. Bradley University. United States.
- Himmelblau, David M. 2012. *Basic Principles and Calculation in Chemical*



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MENGHITUNG EFISIENSI PANAS HPH  
PADA PLTU PT PLN INDONESIA POWER  
UBP SURALAYA



*Engginerig 6th Edition*

- Holman JP. 2002. *Heat Transfer Sixth Edition*. Boston: McGraw-Hill
- Kern, D, Q. 1984. *Proces Heat Transfer. Mc Graw Hill Book Co. New York*
- McCabe, W. Smith, J.C. and Harriot, P. 1993. *Unit Operation of Chemical Engineering*. McGraw Hill Book. Co. United States of America.
- Muh Vista Nurhasan. 2015. Analisis Unjuk Kerja *Regenerative Air Heater* Sisi A PLTU Unit 3 PT PJB UP Gresik Menggunakan Standar *American Society Of Mechanical Engineers (ASME) PTC 4.3*. Institut Teknologi Sepuluh November. Surabaya.
- Nitsche, M., Olayiwola, P. 2015. *Heat Exchanger Design Guide*. Butterworth-Heinemann. Oxford.
- Nurul Chandra, P. 2017. Analisis Kegagalan *Sootblower* Terhadap Perpindahan Panas Di Pipa Boiler. Universitas Mercu Buana. Jakarta. *Jurnal Teknik Mesin*. 6(3): 187-191.
- Pardosi, S. C. P., 2018. Analisis Efektivitas *High Pressure Heater* Unit 2 dengan Beban 67 MW dan Tekanan 0,85 MPa pada PLTU Labuhan Angin, Tugas Akhir. Medan, Program Studi Teknik Konversi Energi, Politeknik Negeri Medan.
- Rusjdi, H. 2016. Analisis Perpindahan Kalor *High Pressure Heater* PLTU Banten 3 Lontar Unit 1. Vol. 4. No. 3 November.
- Sadik, Kakac and Hongtan Liu. 2002. "*Heat Exchangers: Selection, Rating, and Thermal Design Second Edition*". Florida: Department of Mechanical Engineering University of Miami.
- Sadli, M. 2012. Analisis Perpindahan Panas dan Efektifitas pada *High Pressure Heater* 8 Unit 6 PLTU Suralaya. Universitas Gadjah Mada. Yogyakarta.
- Shah, R. K. (1981). *Classification of heat exchangers, in Heat Exchangers: Thermal-Hydraulic Fundamentals and Design*. Hemisphere Publishing.
- Sukandarrumidi. 1995. Batubara dan Gambut. Gadjah Mada *University Press*. Yogyakarta.
- Sunarijanto. 2008. Batu bara: Panduan Bisnis PT Bukit Asam, Tbk. PTBA. Jakarta.
- Treybal, R.E. 1981. *Mass Transfer Operation*. 3rd ed. McGraw-Hill Book



TUGAS AKHIR  
MENGHITUNG EFISIENSI PANAS HPH  
PADA PLTU PT PLN INDONESIA POWER  
UBP SURALAYA



Company. Singapore.

- V. V Bode, P. V. G. Gore, P. G. Student, P. R. P. P. Welfare, and E. Trust. 2016. *Performance Analysis of Regenerative Feed Water Heating system in 270 MW Thermal Power Plant* Int. Res. J. Eng. Technol. Vol. 03. No. 04. PP. 1180–1186.
- Yaws, C, L. (2008). *Thermophysical properties of chemicals and hydrocarbons* William Andrew
- Ikhsan. 2012. Project of Jilin 60,000t/year Ethanolamine. [www.English.Jl.Gov.Cn](http://www.English.Jl.Gov.Cn).
- Rakhman, Alief. 2013. Prinsip Kerja PLTGU. Diakses dari <https://rakhman.net/power-plantsid/prinsip-kerja-pltgu/> pada tanggal 19 Maret 2024.