

DAFTAR PUSTAKA

- Alber, I. D., Kiono, B. F. T., & Harmoko, U. (2022). ANALISA EFISIENSI ISENTROPIK TURBIN PADA PEMBANGKIT LISTRIK TENAGA UAP. *Syntax Literate: Jurnal Ilmiah Indonesia*, 7(09), 12644–12653. <https://doi.org/10.36418/syntax-literate.v7i9.13532>
- Birru, E., Erlich, C., & Martin, A. (2019). Energy performance comparisons and enhancements in the sugar cane industry. *Biomass Conversion and Biorefinery*, 9(2), 267–282. <https://doi.org/10.1007/s13399-018-0349-z>
- Buana, C., Klistafani, Y., Maarif, S., & Ilmunandar, A. M. (2024). Analisis Kinerja Turbin Uap Sebelum dan Sesudah Overhaul Pada Unit 1 PLTU Mamuju. *SINERGI*, 22(1), 77–89. <https://doi.org/http://dx.doi.org/10.31963/sinergi.v22i1.4867> Analisis
- Chantasiriwan, S. (2021). Improving energy efficiency of cogeneration system in cane sugar industry by steam dryer. *Chemical Engineering Transactions*, 87(October 2020), 511–516. <https://doi.org/10.3303/CET2187086>
- Daniyanto, & Rifai, F. (2013). Aplikasi Analisis Pinch untuk Menurunkan Konsumsi Steam di Bagian Process House Pabrik Gula. *Jurnal Rekayasa Proses*, 7(1), 6–13. <https://doi.org/10.22146/jrekpros.4940>
- Effendi, Z., Rangkuti, I. U. P., & Sitanggang, E. K. (2024). Analisa Performansi Turbin Uap Kapasitas 1 , 8 MW pada Pabrik Kelapa Sawit Kapasitas 50 Ton / Jam. *TURBO*, 13(02), 167–174. <https://doi.org/10.24127/trb.v13i2.3496>
- Feng, X., Cai, Y., & Qian, L. (1998). A New Performance Criterion for Cogeneration System. *Pergamon*, 39(15), 1607–1609. [https://doi.org/10.1016/S0196-8904\(98\)00037-5](https://doi.org/10.1016/S0196-8904(98)00037-5)
- Gunawan, A., & Hiendro, A. (2025). Pengaruh Perubahan Beban Terhadap Efisiensi Generator Pada Unit 2 PLTU Bengkayang 2X50 MW PT . PLN Indonesia Power UPK Singkawang. *Multidisiplin Inovatif*, 9(4), 26–39. <https://sejurnal.com/pub/index.php/jmi/article/view/4838>
- Jeremiah, M., Kabeyi, B., & Olanrewaju, O. A. (2022a). Performance analysis and electricity potential for Nzoia sugar factory. *Energy Reports*, 8, 755–764. <https://doi.org/10.1016/j.egyr.2022.10.432>
- Jeremiah, M., Kabeyi, B., & Olanrewaju, O. A. (2022b). Performance analysis and electricity potential for Nzoia sugar factory. *Energy Reports*, 8(Supplement

16), 755–764. <https://doi.org/10.1016/j.egy.2022.10.432>

Juli. (2010). *Analisis Teoritis Perbandingan Energi Uap Saturasi Dan Superheat Pada Sistem Pembangkit Tenaga Uap Kapasitas 30 Ton TBS/Jam* [MEDAN AREA].

<https://repositori.uma.ac.id/jspui/bitstream/123456789/21113/1/068130038> - Juli - Fulltext.pdf?utm_source=chatgpt.com

Kamate, S. C., & Gangavati, P. B. (2009). Exergy analysis of cogeneration power plants in sugar industries. *Applied Thermal Engineering*, 29(5–6), 1187–1194. <https://doi.org/10.1016/j.applthermaleng.2008.06.016>

Mustofa, B. A., & Sunarwo, S. (2014). Analisa Heat Rate Pada Turbin Uap Berdasarkan Performance Test PLTU Tanjung Jati B Unit 3. *Teknik Energi*, 10(3), 72–77. <https://doi.org/10.14710/transient.5.4.703-710>

Perwira, B. L., & Anis, S. (2026). Analisis Kinerja Backpressure Steam Turbine-Generator Di PT . XYZ. *ENTHALPY*, 11(2), 60–72. <https://enthalpy.uho.ac.id/index.php/journal/article/view/103>

Prayuda, A. R., & Kuncoro, H. (2025). Analisis Eksergi pada Pembangkit Listrik Tenaga Biomassa Pabrik Gula PT. X. *TURBO*, 14(01), 155–164. <https://ojs.ummetro.ac.id/index.php/turbo/article/view/4087>

SINAGA, Y. S. T. (2025). *Analisis Variasi Suhu dan Tekanan Pada Boiler Terhadap Penggunaan Air Umpan : Pendekatan Metode Optimasi Taguchi* [MEDAN AREA]. <https://repositori.uma.ac.id/jspui/handle/123456789/28969>

Siswanto, J. E., Hikayat, A., & Anwar, Z. (2023). Analisa Pengaruh Temperatur Uap Superheated Terhadap Peforma Boiler di PT. Perkebunan Nusantara VI PKS Aur Gading Batanghari Jambi. *JuTMI*, 2(1), 64–69. <https://doi.org/https://doi.org/10.55331/jutmi.v2i1.6>

Subagyo, R. (2018). *Sistem Pembangkit dan Turbin Uap HMKB760* (1st ed.). Program Studi Teknik Mesin, Fakultas Teknik, Universitas Lambung Mangkurat. https://mesin.ulm.ac.id/assets/dist/bahan/Sistem_Pembangkit_dan_Turbin_Uap.pdf

Sugiyono. (2017). *metode penelitian kuantitatif, kualitatif dan R & D* (26th ed.). Alfabeta.

Sugiyono, A. (2015). Teknologi Turbin Gas/Gasifier Biomasa Terintegrasi untuk

Industri Gula. *DJLPE*, 1–10.
<https://www.geocities.ws/agussugiyono/paper/p9801.pdf>

Yin, R. K. (2018). *Case Study Research and Applications* (6th Edition). SAGE Publications, Inc.
https://books.google.co.id/books/about/Case_Study_Research_and_Applications.html?id=fesJtAEACAAJ&redir_esc=y