

## DAFTAR PUSTAKA

- Adi Saputra INA, Manurung TD, Yuliadi AE, Prabowo, Nugroho G, Kusumadewi TV, dkk. Numerical simulation of co-firing LRC and ammonia in Pangkalan Susu 3 & 4 coal-fired steam power plant (CFSP) capacity 210 megawatts. Case Studies in Thermal Engineering. November 2024;63:105230.
- Al-Taha WH, Osman HA. Performance Analysis of a Steam Power Plant: A Case Study. MATEC Web of Conferences. 5 November 2018;225:05023.
- Ameri M, Ahmadi P, Hamidi A. Energy, exergy and exergoeconomic analysis of a steam power plant: A case study. Int. J. Energy Res. April 2009;33(5):499–512.
- ASME. Performance Test Codes Steam Turbines REAFFIRMED 2014 FOR CURRENT COMMITTEE PERSONNEL PLEASE E-MAIL CS@asme.org. New York; 2014.
- Bora N, Kumar Singh A, Pal P, Kumar Sahoo U, Seth D, Rathore D, dkk. Green ammonia production: Process technologies and challenges. Fuel. Agustus 2024;369:131808.
- Cengel YA. Heat Transfer: A Practical Approach. 2nd ed. New York: McGraw-Hill; 2002.
- Dongfang Boiler Group Co. Ltd. Specification of Boiler. 2019.
- Douglas Smoot L. Modeling of coal-combustion processes. Prog. Energy Combust. Sci. Januari 1984;10(2):229–67.
- Farhad S, Younessi-Sinaki M, Saffar-Avval M. Energy Saving in Operating Steam Power Plants Based on ASME Performance Test Codes. ASME 2005 Power Conference. ASMEDC; 2005. hlm. 1381–7.
- Hossain F, Hasan MJ, Sarkar MZ, Karim MR, Bhuiyan AA. Prediction of carbon capture and sequestration (CCS) technology in a 125 MW tangentially coal-fired subcritical thermal power plant for retrofitting in Bangladesh. Results in Engineering. Juni 2023;18:101159.
- Hwang W, Seo HJ, Lee MC. Comparison on the CO<sub>2</sub> Emission Indices with Respect to Fuels for Power Generation in Korea based on Statistical Data. Transactions of the Korean Society of Mechanical Engineers - B. 28 Februari 2018;42(2):111–6.

- Kim S, Lim M, Lee Y, Lee J, Yang W. Evaluation of effects of ammonia co-firing on the thermal performances of supercritical pulverized coal and circulating fluidized bed boilers. *Energy Convers. Manag.* Januari 2023;276:116528.
- Kreith F, Manglik RM. *Principles of Heat Transfer*. 8th ed. Boston: Cengage Learning; 2017.
- Miao L, Yan H, Liu M. Power increase potential of coal-fired power plant assisted by the heat release of the thermal energy storage system: Restrictions and thermodynamic performance. *Energy*. Desember 2024;312:133509.
- Monnery WD, Hawboldt KA, Pollock AE, Svrcek WY. Ammonia Pyrolysis and Oxidation in the Claus Furnace. *Ind. Eng. Chem. Res.* 1 Januari 2001;40(1):144–51.
- PT. PLN Pangkalan Susu. *Sinohydro Commissioning Report of CFSPP Pangkalan Susu 3&4: Boiler Commissioning Report*. 2019.
- Rouwenhorst Kevin, Castellanos Gabriel. *Innovation outlook : renewable ammonia*. International Renewable Energy Agency ; Ammonia Energy Association; 2022a.
- Rouwenhorst Kevin, Castellanos Gabriel. *Innovation outlook : renewable ammonia*. International Renewable Energy Agency ; Ammonia Energy Association; 2022b.
- Salmon N, Bañares-Alcántara R. Green ammonia as a spatial energy vector: a review. *Sustain. Energy Fuels*. 2021;5(11):2814–39.
- Shea DA, Schierow L-J, Szymendera SD. *CRS Report for Congress Regulation of Fertilizers: Ammonium Nitrate and Anhydrous Ammonia* Specialist in Science and Technology Policy Specialist in Environmental Policy [Internet]. 2013. Diambil dari: [www.crs.gov](http://www.crs.gov)
- Utama TY, Ruhyat N. Analysis of Boiler Efficiency and NPHR With the Use of Sootblower in a 315 MW Coal-fired Power Plant. *SINTEK JURNAL: Jurnal Ilmiah Teknik Mesin*. 1 Desember 2024;18(2):80–9.
- Utomo Kukuh Widodo B. *Heat Rate Gap and Cost Analysis Due to Increase of Condenser Pressure in A 660 MW Combined Cycle Power Plant*. Postgraduate Program Institut Teknologi Sepuluh Nopember. 2018.

- Valera-Medina A, Xiao H, Owen-Jones M, David WIF, Bowen PJ. Ammonia for power. *Prog. Energy Combust. Sci.* November 2018;69:63–102.
- Wu X, Shen J, Li Y, Lee KY. Steam power plant configuration, design, and control. *WIREs Energy and Environment*. 8 November 2015;4(6):537–63.
- Xu Y, Wang H, Liu X, Zhu J, Xu J, Xu M. Mitigating CO<sub>2</sub> emission in pulverized coal-fired power plant via co-firing ammonia: A simulation study of flue gas streams and exergy efficiency. *Energy Convers. Manag.* Maret 2022;256:115328.
- Ye D, Tsang SCE. Prospects and challenges of green ammonia synthesis. *Nature Synthesis*. 25 Mei 2023;2(7):612–23.
- Zhang J, Ito T, Ishii H, Ishihara S, Fujimori T. Numerical investigation on ammonia co-firing in a pulverized coal combustion facility: Effect of ammonia co-firing ratio. *Fuel*. Mei 2020;267:117166.