

DAFTAR PUSTAKA

- [1] Target Pengembangan EBTKE Hingga Tahun 2025, Kementerian ESDM, Direktorat 2012 Disampaikan pada: “ Rapat Konsolidasi Pengembangan Sektor EBTKE dengan Wamen ESDM (Indonesia Energi Outlook 2010)”.
- [2] Kumpul sembiring. *Analisis Permasalahan Transportasi Kota dengan Pendekatan Total Quality Management (TQM) (Kasus: Angkutan Umum Mikrobis di Kota Medan)*. Fakultas Teknik USU Medan. Simposium III FSTPT, ISBN no. 979-96241-0-X.
- [3] Pusat Data dan Informasi Energi Sumber Daya Mineral kementerian ESDM. Diakses dari <http://prokum.esdm.go.id/Publikasi/Statistik/Statistik%20Minyak%20Bumi.pdf>, 3 April 2013.
- [4] David Jolliedan Kerry-Ann Aamson. *Fuel Cell and Hydrogen Activity: Europe and USA*. FG Expo, Tokyo, Japan, 25 th January 2006. Diakses dari <http://www.fuelcelltoday.com>
- [5] Muhamad Mujari. *Perancangan Desain Konsep Sistem Hibrid Solid Oxide Fuel Cell-Gas Turbine (SOFC-GT)*. Skripsi, Jurusan Teknik Fisika, Universitas Gadjah Mada, Yogyakarta, 2006.
- [6] Andhang Widiharto. Komunikasi pribadi. 2014
- [7] Jeongpill Ki. *Integrated Modeling Approach for Solid Oxide fuel Cell-Based Power Generating Sistem*. Disertasi, University of Texas at Arlington. 2013
- [8] Wei Jiang Ruixian F, Roger A. Douglas, Jamil A. Khan. *Thermoelectric Model of a Tubular SOFC for Dynamic Simulation*. Journal of Energy Resource Technology, 022601-2, Vol.130, Juni 2008.
- [9] Dieter Bohn. *Micro Gas Turbine and Fuel Cell – A Hybrid Energy Conversion Sistem with High Potential*. In Micro Gas Turbines (pp. 13-1 – 13-46) Educational Notes RTO-EN-AVT-131, Paper 13, RTO, Neuilly-sur-Seine, France, 2005.
- [10] Changcheng Chen, Mingfei Liu, Lei Yang, dan Meilin Liu. *Anode Supported Micro-tubular SOFCs Fabricated by a Phase-Inversion and Dip-Coating Process*. International Journal of Hydrogen Energy 36 (2011) 5604-5610, 2011.
- [11] Junichiro Otomo, Keiko Waki, Koichi Yamada. *Multicriteria Assesment of The Performance of Solid Oxide Fuel Cells by Cell Design and materials Development: Design and Modeling Approach*. Journal of Science and Technology, 10: 1, 2013.
- [12] Persyarat Chinda dan Pascal Brault. *The Performance Comparison of The Hybrid Solid Oxide Fuel Cell (SOFC) and Gas Turbine Sistems*. International Journal of Science and Engineering, Vol.2, No.2: 1-2, 2012.
- [13] Wang Wei dan Li He. *Research on Performance of Characteristics of a SOFC/GT Hybrid Sistem Under Part-Load Operations with Two Control Modes*. Laporan Penelitian, School of Energy and Power Engineering, Dalian University of Technology, Dalian, China, 2011.

- [14] Wei Lu dan Richard W.G. Bucknall. *Conceptual Evaluation of a Fuel-Cell-Hybrid Powered Bus*. IEEE, 978-1-4799-3254-2, 2013.
- [15] Bo Chen, Yimin Gao, Mehrdad Ehsani, dan John M. Miller. *Design and Control of a Ultracapacitor Boosted Hybrid Fuel Cell Vehicle*. IEEE, 978-1-4244-2601-0/09, 2009.
- [16] G.A.Goodarzi dan John Rush. *Integrated Auxiliary Drives for Fuel Cell Vehicles*. IEEE, 0-7803-9280-9, 2005.
- [17] Shinji Aso, Mikio Kizaki, dan Yasuhiro Nonobe. *Development of Fuel Cell Hybrid vehicles in TOYOTA*. IEEE, 1-4244-0-X, 2007.
- [18] Adriano Sciacovelli. *Thermodynamic Optimization of a Monolithic-Type Solid Oxide Fuel Cell*. International Journal of Thermodynamics, Vol. 13 (No. 3), pp. 95-103, 2010.
- [19] Scott Samuelsen. *Analyses and Technology Transfer for Fuel Cell Sistem*. California Energy Commission: National Fuel Cell Research Center, 2000. http://www.energy.ca.gov/pier/final_project_reports/600-01-008.html - 21k.
- [20] Yanzhao Zhang. *Fabrication and Characterisation of planar and Tubular Solid Oxide Fuel Cell Anodes*. Tesis, School of Engineering and The Built Environment, Edinburgh Napier University, 2013.
- [21] Michael J. Carl. *SOFC Modeling for the Simulation of Residential Cogeneration Systems*. Tesis, Department of Mechanical Engineering, University of Victoria, 2008.
- [22] Hassan Abdul-Zehra. *Fuel Cells and Batteries*. Diktat Kuliah, University of Babylon.
- [23] P. W. Li dan M .K. Chyu. *Elechtrochemical and Transport Phenomena in Solid Oxide Fuel Cells*. Journal of Heat Transfer, Vol.127, Desember, 2005.
- [24] James Larminie dan Andrew Dicks. *Fuel Cell Systems Explained*. John Wiley & Sons Ltd, The Atrium, Southern Gate, Chichester, West Sussex PO19 8SQ, England, 2003.
- [25] Julie Suzanne O'Brien. *Cermet Anodes for Solid Oxide Fuel Cells (SOFC) Systems Operating in Multiple Fuel Environments: Effect of Sulfur and Carbon Composite as Well as Microstructure*. Disertasi, Department of Chemistry, Faculty of Science, University of Ottawa, 2012.
- [26] Yixin Lu. *Numerical Simulation of A Flat-Tube High Power Density Solid Oxide Fuel Cell*. Disertasi. Faculty of The School of Engineering, University of Pittsburgh, 2005.
- [27] Yildiz, B., Kazimi, M.S. *Nuclear Energy Options for Hydrogen and Hydrogen Based Liquid Fuel Production*. MIT Report: MIT-NES-TR-001, 2003.
- [28] Michael J. Moran and Howard N. Saphiro. *Fundamentals of Engineering Thermodynamics*. 5th Edition. Buku. John Wiley & Sons Ltd. 2006.
- [29] Fabiola Baina, Marianne Salomon, Catharina Erlich, dan Torsten H. Fransson. *Externally Fired Micro Gas Turbine EFmGT-cycle*. Department of Energy Technology, Chair of Heat and Power Technology, Royal Institute of Technology, S-200 44 Stockholm, Sweden, 2009.

- [30] Andang Widi Harto. *Sistem Turbin PCMSR*. Penelitian tidak dipublikasikan. Jurusan Teknik Fisika, Universitas Gadjah Mada, Yogyakarta.
- [31] Waldemer Bujalski. *Solid Oxide Fuel Cells (SOFC)*. Diktat Kuliah, School of Chemical Engineering. University of Birmingham.
- [32] Energy Nexus Group. *Technology Characterization: Fuel Cell*. Environmental Protection Agency Climate Protection Partnership Division Washington, DC, April 2002.
- [33] Garche, J. *Application of Small Scale Fuel Cells in Combined Heat/Power Cogeneration*. Germany: Center for Solar Energy and Hydrogen Research Baden-Wurttemberg, 1997.
- [34] Yoshinori Kobayashi, Tatsuo Kobata, Kazuo Timida, Yoshimasa Ando, Masanori Nishiura, dan Norihisa Mataka. *Extremely High-Efficiency Thermal Power Sistem-Solid Oxide Fuel Cell (SOFC) Triple Combined-cycle Sistem*. Mitsubishi Heavy Industries Technical Reviews, Vol. 48 No.3, September 2011.
- [35] Siemens. *SOFC / Gas Turbine Hybrid*, Corporate Information , 2006.
<http://www.siemens.com>
- [36] Avira Brecher, Energy Analysis and Sustainability Division, Energy and Environmental Systems Technical Center, dan Volpe National Transportation Research Center. *Transit Bus Applications of Lithium Ion Batteries: Progress and Prospects*. FTA Report No. 0024, Desember 2012.
- [37] Lionardo Giorgi dan Fabio Lecesce. *Fuel Cells: Technologies and Applications*. The Open Fuel Cells Journal, 2013, 6, 1-20.
- [38] Can Ozgur Colpan. *Thermal Modeling of Solid Oxide Fuel Cell Based Biomass Gasification Systems*. Disertasi, Department of Mechanical and Aerospace Engineering, Carleton University, Canada, 2009.
- [39] Bossel, U.G. *Final report on SOFC data facts and figures*. Berne, CH:Swiss Federal Office of Energy, 1992.
- [40] Bessett, N. F. *Modeling and Simulation for Solid Oxide Fuel Cell Power Sistem*. Disertasi, Georgia Institute of Technology, Atlanta, 1994.
- [41] Bjorn Thorud. *Dynamic Modelling and Characterisation of a Solid Oxide Fuel Cell Integrated in a Gas Turbine Cycle*. Disertasi, Department of Energy, Faculty of Engineering Science and Technology, Norwegian University of Science and Technology, Trondheim, Oktober 2005.
- [42] Dengji Zhou, Jiaojiao Mei, Jinwei Chen, Huisheng Zhang, dan Shilie Weng. *Parametric of Solid Oxide Fuel Cell and Micro Gas Turbine With CO₂ Capture*. Journal of Fuel Cell Science and Technology, Vol.11, 2014.
- [43] J. H.Hirschenhofer, D.B. Stauffer, R.R.Engleman, and M.G.Klett. "Fuel Cell Hand Book" Forth edition. U.S. Department of Energy. 1998.
- [44] <http://www.bmkg.co.id>. Diakses pada 6 Juli 2015.
- [45] <http://www.chemguide.co.uk/physical/phaseeqia/vapourpress.html>. Diakses pada 6 Juli 2015.

- [46] “Assesment of Needs and Research Roadmaps for Rechargeable Energy Storage System Onboard Electric Drive Buses”. Laporan penelitian. U.S. Department of Transportation. Federal Transit Administration. Report No. FTA-TRI-MA-26-7125-2011.1. Diakses dari <http://www.fta.dot.gov/research>, 26 oktober 2012.
- [47] Zlatomir Zivanovic and Zoran Nikolic. “ *The Application of Electric Drive Technologies in City Buses*”. Laporan penelitian. Diakses dari <http://www.intechopen.com/books/new-generation-of-electric-vehicles/the-application-of-electric-drive-technologies-in-city-buses>, 26 Juli 2015.