

DAFTAR KEPUSTAKAAN

- [1] Bandean, D.C; Smolen, S; Cieslinski,J.T. Working Fluid Selection for Organic Rankine Cycle Applied to Heat Recovery Systems. World Renewable Energy Congress 2011 – Sweden.
- [2] Baral, Suresh; Kim, Dokyun; Yun, Eunkoo; Kim, Kyung Chun. 2015. *Energy, Exergy and Performance Analysis of Small-Scale Organic Rankine Cycle System for Electrical Power Generation Applicable in Rural Areas of Developing Countries*. Pusan National University, Korea.
- [3] Bejan, Adrian; Tsatsaronis, George; Moran, Michael. 1996. *Thermal Design and Optimization*. United States of America: Springer.
- [4] Bendig, Matthias. 2015. *Integration of Organic Rankine Cycle for Waste Heat Recovery Industrial Processes*.
- [5] Braimakis, konstantinos; Leontaritis, Aris-Dimitrios; Preibinger, Markus; Karella, Sotirios; Bruggeman, Dieter; Panopoulos, Kyriakos. *Thermodynamics Investigation of Waste Heat Recovery with Subcritical and Supercritical low Temperature Organic Rankine Cycle Based on Natural Refrigerants and their Binary Mixture*. Proceedings of Ecos 2014 - The 27th International Conference on Efficiency, Cost, Optimization, Simulation and Environmental Impact of Energy Systems june 15-19, 2014, Turku, Finland.
- [6] Brasz, Lars J & Bilbow William M. 2004. *Ranking of Working Fluids for Organic Rankine Cycle Applications*. International Refrigeration and air Conditioning Conference at Purdue July 12 – 15, 2004.
- [7] Cengel, Y. A. & Boles, M. A. (2006). *Thermodynamics: An Engineering Approach* (5th ed). McGraw-Hill. (113-127).
- [8] Cong, Cheng Eng; Velautham, Sanjayan; Darus, Amer Nordin. *Solar Thermal Organic Rankine Cycle As A Renewable Energy Option*. Jurnal Mekanikal, December 2005, No. 20, 68 – 77.
- [9] Chen, Huijuan; Goswami, D Yogi; Elias K. Stefana Kos. 2010. A Review Of Thermodynamic Cycle and Working Fluids for the Conversion of Low-Gade Heat. University of South Florida. USA.

- [10] Dasrial, M. 2015. Pemilihan Fluida Untuk *Waste Heat Recovery Power Generation (WHRPG)* pada Unit Produksi Indarung V – PT. Semen Padang. Universitas Andalas.
- [11] Drescher, U. & Bruggemann, D. 2007. *Fluid selection for the Organic Rankine Cycle (ORC) in biomass power and heat plants*. Applied Thermal Engineering, 27(1), 223-228. doi:10.1016/j.applthermaleng.2006.04.024
- [12] Facao, Jorge; Palmero-Marrero, Ana & Oliveira, A. C. (2008). *Analysis of a solar assisted micro-cogeneration ORC system*. International Journal of Low-Carbon Technologies, 3(4), 254.
- [13] Gao, Hong; Liu, Chao; He, Chao; Xu, Xiaoxiao; Wu, Shuangying and Li, Yourong. 2012. *Performance Analysis and Working Fluid Selection of a Supercritical Organic Rankine Cycle for Low Grade Waste Heat Recovery*. Chongqing University, China.
- [14] Gaos, Yogi Sirods; Juarsa, Mulya; Marzuki, Edi; yulianto, Muhammad. Pemilihan Fluida Kerja pada Pengembangan Organic Rankine Cycle.
- [15] He, Chao; Liu, Chao; Gao, Hong; Xie, Hui; Li, Yourong; Wu, Shuangying; Xu, Jinliang. *The Option of Evaporation Temperature and Working Fluids for Subcritical Organic Rankine Cycle*. Energy 38 (2012) 136 – 143.
- [16] Hermawanto, Denny. 2007. Algoritma Genetik dan Contoh Aplikasi. Ilmu Komputer.com.
- [17] Kim, Kyoung Hoon; Ko, Hyung Joon; and Kim, Se Woong. *Exergy Analysis of Rankine Cycle with Internal Heat Exchanger*. International Journal of Materials, Mechanics and Manufacturing, Vol. 1, No. 1, February 2013
- [18] Li, yunfei. 2013. *Analysis of Low Temperature Organic Rankine Cycles for Solar Applications* . Theses and Dissertations. Lehigh University.
- [19] Mago, P. J., Chamra, L. M., Srinivasan, K., & Somayaji, C. (2008). *An examination of regenerative organic Rankine cycles using dry fluids*. Applied Thermal Engineering, 28 (8-9), 998 – 1007 . doi:10.1016/j.applthermaleng.2007.06.025.

- [20] Marin, Andreea; Dobrovicescu, Alexandru; Grosu, Lavinia; Gheorghian, Adina. 2014. *Energy and Exergy Analysis of an Organic Rankine Cycle*. U.P.B. Sci. Bull. Series D, Vol. 76, Iss. 4.
- [21] Nouman jamal. 2012. Comparative Studies and Analysis of Working Fluids for Organic Rankine Cycle – ORC. Master of Science Thesis. KTH School of Industrial Engineering and Management.
- [22] Quoilin, Sylvain. 2007. *Experimental Study and Modeling of a Low Temperature Rankine Cycle for small Scale Cogeneration*. Thesis Submitted in Partial Fulfillment of the Requirements for the Degree of University of Liege Faculty Applied Sciences Aerospace and Mechanical Engineering Departement.
- [23] Quoilin, Sylvain. 2011. *Sustainable Energy Conversion Through the Use of Organic Rankine Cycles for Waste Heat Recovery and Solar Applications* : in Partial Fulfillment of the Requirements for the Degree of Doctor of Applied Sciences. University of Liege. Belgium.
- [24] Quoilin, Sylvain; Declaye, Sebastien; Tchanche F. Bertrand; Lemort, Vincent. Thermo-economic optimization of waste heat recovery Organic Rankine Cycles. *Applied Thermal Engineering* 31 (2011) 2885-2893.
- [25] Raush, Jonathan. R; Chambers, Terrence. L; Russo, Ben; Ritter, Kenneth.A. *Demonstration of pilot Scale Large Aperture Parabolic trough Organic Rankine Cycle Solar Thermal Power Plant in Louisiana*. *Journal of power and Energy Engineering*, 2013, 1, 29-29.
- [26] Sami, M. Samuel. 2008. *Energy and Exergy Analysis of an Efficient Organic Rankine Cycle fo low temperature power generation*. International Jurnal of Ambient Energy, Volume 29.
- [27] Soto, Rodrigo; Vergara Julio. 20114. *Thermal Powered Plant Efficiency Enhancement with Ocean Thermal Energy Convection*. ScienceDirect. *Applied Thermal Engineering* 62 (2014) 105 – 112.
- [28] Tchanche, Bertrand Fankam.2010. Low-Grade Heat Conversion into power Using Small Scale Organic Rankine Cycles. Doctoral Thesis. Agricultural University of Athens. AUA.

- [29] Tiwari, Deepak; Arora, Akhilesh; Anshari, Naushad Ahmad; Sherwani,A. F. 2015. *Energy and Exergy Analysis of Working Rankine Cycle Using Alternative Working Fluids*. IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE).
- [30] Uusitalo, Antti. 2004. *Working Fluid Selection and Design of Small-Scale Waste Heat Recovery Systems Based on Organic Rankine Cycles*. Thesis for the degree of Doctor of Science. Lappeenranta University of echnology.
- [31] Yang, Min-Hsiung; Yeh,Rong-Hua. 2014 . Analysis of Optimization in an OTEC Plant using Organic Rankine Cycle. Renewable Energy 68 (2014) 25-34.
- [32] Hidayattuloh, Hasan. 2013. *Organic Rankine Cycle (ORC*. <http://hasandream.blogspot.co.id/2013/01/organic-rankine-cycle-orc.html>. diakses pada tanggal 24 Oktober 2016, 21:00.

