

DAFTAR PUSTAKA

- Badescu, Viorel, Mihail, & Staicovici. (2005). *Renewable energy for passive house heating Model of the active solar heating system. Energy and Buildings*, 38, 129-141.
- Bellan, S., Aguilar, G. J., Romero, M., Rahman, M. M., Goswami, D. Y., Stefanakos, E. K., & Couling, D. (2014). *Numerical Analysis of Charging and Discharging Performance of a Thermal Energy Storage System with Encapsulated Phase Change Material. Journal of Applied Thermal Engineering*, 71, 481-500.
- Cengel, Y. A. (2003). *Heat Transfer A Practical Approach Second Edition*. Mc Graw Hill, Inc.
- Duffie, J. A. & Beckman, W.A., (2013). *Solar Engineering of Thermal Processes, Fourth Edition*, John Wiley & Sons, Inc., New York.
- Dwivedi, V., (2009). *Thermal Modelling and Control of Domestic Hot Water Tank, Energy Systems and the Environment, University of Strathclyde, UK*.
- EPA, (2013). *Solar Energy. United States Environmental Protection Agency. Washington D.C. USA*.
- Gasia, J., Martin, M., Sole, A., Barreneche, C., & Cabeza, L. F. (2017). *Phase Change Material Selection for Thermal Processes Working under Partial Load Operating Conditions in the Temperature Range between 120 and 200 °C. Applied Sciences*.
- Hobbi, A., & Siddiqui, K. (2009). *Optimal design of a forced circulation solar water heating system for a residential unit in cold climate using TRNSYS. Solar Energy*, 83, 700-714.
- Hossain, M. S., Saidur, R., Fayaz, H., Rahim, N. A., Islam, M. R., Ahamed, J. U., & Rahman, M. M., (2011.). *Review on solar water heater collector and thermal energy performance of circulating pipe. Renewable and Sustainable Energy Reviews*, 15, 3801-3812.
- Jamar, A., Majid, Z.A.A., Azmi, W.H., Norhafana, M. dan Razak, A.A., (2016). *A Review of Water Heating System for Solar Energy Applications, International Communications in Heat and Mass Transfer*, 76, 178- 187.
- Jufrizal, N. F., & Ambarita, H. (2014). *Studi Eksperimental Peformasi Solar Water Heater Jenis Kolektor Plat Datar dengan Penambahan Thermal Energy Storage. Jurnal Ilmiah Teknik Mesin Cylinder*, 28.
- Khan, S. I., & Islam, A. (2011). *Perfomance Analysis of Solar Water Heater. Journal of Smart Grid and Renewable Energi*, 2, 396-398.

- Lefebvre, D. dan Tezel, F.H., (2017). *A Review of Energy Storage Technologies with A Focus on Adsorbtion Thermal Energy Storage Processes for Heating Applications, Renewable and Sustainable Energy reviews*, 67, 116- 125.
- Marsah, T. S. (2014). Simulasi Pelelehan dan Pembekuan pada *Phase Change Material* didalam Pemanas Air Tenaga Surya dengan Menggunakan Metode Perhitungan Komputasi Dinamik. *Skripsi Departemen Teknik Mesin, Universitas Sumatera Utara*.
- Mangkar, R., Ramtekkar, R., Dudhe, S., Godghate, A., Kawade, M., Waghmare, R., & Chahande, S. (2018). *Solar Simulator Kit. IJARIE-ISSN(O)*.
- Nadjib, M. (2016). Penggunaan *Paraffin Wax* sebagai Penyimpan Kalor pada Pemanas Air Tenaga Matahari Thermosyphon. *Jurnal Teknik Mesin Undip Rotasi*, 18(3), 76-85.
- Nadjib, M., & Santosa, T. H. (2017). Perilaku Thermal Pemanas Air Tenaga Surya yang Berisi PCM pada Unit Tangki. *THE 5th URECOL PROCEEDING. UAD, Yogyakarta*.
- Nadjib, M., Sukamta, Caroko, N., & Santosa, T. A. (2015). Studi Eksperimental Penyimpan Energi Termal pada Tangki Pemanas Air Tenaga Surya yang Berisi PCM. *Jurnal Proceeding Seminar Nasional Tahunan Teknik Mesin XIV (SNTTM XIV)*.
- Norhafana, M., Ismail, F. A., Majid, Z. A. A. (2015). *Perfromance Evaluation of Solar Collectors Using a Solar Simulator. IIUM Engineering Journal*.
- Novickovas, Baguckis, Vaitkunas. (2014). *Investigation of solar simulator based on high-power light-emitting diodes. Lithuanian Journal of Physics*.
- Parupudi, R. V., Singh, H., & Kolokotroni, M. (2018). *Sun Simulator for Indoor Performance assessment of Solar Photovoltaic Cells. Energy Procedia*.
- Regin, A. F., Solanki, S. C., & Saini, J. S. (2008). *Heat Transfer Characteristics of Thermal Energy Storage System Using PCM Capsule : A Riview. Journal of Renewable and Sustainable Energy Riviews*, 12, 2438-2458.
- Yuliananda, S., Gede, S., & Hastijanti, R. R. (2015). Pengaruh Perubahan Intensitas Matahari Terhadap Daya Keluaran Panel Surya. *Jurnal Pengabdian LPPM Untag Surabaya*, 193-202.