

DAFTAR PUSTAKA

- Akhtar, T., Rehman, A. U., Jamil, M., & Gilani, S. O. (2020). Impact of an energy monitoring system on the energy efficiency of an automobile factory: A case study. *Energies*, *13*(10), 1–20. <https://doi.org/10.3390/en13102577>
- Andersson, E., Dernegård, H., Wallén, M., & Thollander, P. (2021). Decarbonization of industry : Implementation of energy performance indicators for successful energy management practices in kraft pulp mills. *Energy Reports*, *7*, 1808–1817. <https://doi.org/10.1016/j.egy.2021.03.009>
- Andrei, M., Thollander, P., Pierre, I., Gindroz, B., & Rohdin, P. (2021). Decarbonization of industry: Guidelines towards a harmonized energy efficiency policy program impact evaluation methodology. *Energy Reports*, *7*, 1385–1395. <https://doi.org/10.1016/j.egy.2021.02.067>
- António, V., José, F., & Santos, M. (2019). Energy management system ISO 50001 : 2011 and energy management for sustainable development. *Energy Policy*, *133*(August), 110868. <https://doi.org/10.1016/j.enpol.2019.07.004>
- Apriani, W. (2016). *Studi Kasus Audit Energi Terinci Pada Unit Lime Kiln Plant dengan Lingkup Area Kerja Reausticizing and Lime Kiln di PT. Tanjungem Lestari Pulp and Paper*. 1–23.
- Birkha Mohd Ali, S., Hasanuzzaman, M., Rahim, N. A., Mamun, M. A. A., & Obaidallah, U. H. (2021). Analysis of energy consumption and potential energy savings of an institutional building in Malaysia. *Alexandria Engineering Journal*, *60*(1), 805–820. <https://doi.org/10.1016/j.aej.2020.10.010>
- Castrillón-Mendoza, R., Rey-Hernández, J. M., & Rey-Martínez, F. J. (2020). Industrial decarbonization by a new energy-baseline methodology. Case study. *Sustainability (Switzerland)*, *12*(5). <https://doi.org/10.3390/su12051960>
- Elgamal, A. H., Vahdati, M., & Shahrestani, M. (2022). Assessing the economic and energy efficiency for multi-energy virtual power plants in regulated markets: A case study in Egypt. *Sustainable Cities and Society*, *83*(February), 103968. <https://doi.org/10.1016/j.scs.2022.103968>
- Franco, A., Miserocchi, L., & Testi, D. (2023). Energy Indicators for Enabling

- Energy Transition in Industry. *Energies*, 16(2).
<https://doi.org/10.3390/en16020581>
- Fuchs, H., Aghajanzadeh, A., & Therkelsen, P. (2020). Identification of drivers, benefits, and challenges of ISO 50001 through case study content analysis. *Energy Policy*, 142, 111443. <https://doi.org/10.1016/j.enpol.2020.111443>
- Gençer, E., Torkamani, S., Miller, I., Wu, T. W., & O'Sullivan, F. (2020). Sustainable energy system analysis modeling environment: Analyzing life cycle emissions of the energy transition. *Applied Energy*, 277. <https://doi.org/10.1016/j.apenergy.2020.115550>
- Jin, Y., Long, Y., Jin, S., Yang, Q., Chen, B., Li, Y., & Xu, L. (2021a). An energy management maturity model for China: Linking ISO 50001:2018 and domestic practices. *Journal of Cleaner Production*, 290, 125168. <https://doi.org/10.1016/j.jclepro.2020.125168>
- Jin, Y., Long, Y., Jin, S., Yang, Q., Chen, B., Li, Y., & Xu, L. (2021b). An energy management maturity model for China: Linking ISO 50001:2018 and domestic practices. *Journal of Cleaner Production*, 290. <https://doi.org/10.1016/j.jclepro.2020.125168>
- Kaveh, M., Amiri Chayjan, R., Taghinezhad, E., Rasooli Sharabiani, V., & Motevali, A. (2020). Evaluation of specific energy consumption and GHG emissions for different drying methods (Case study: Pistacia Atlantica). *Journal of Cleaner Production*, 259, 120963. <https://doi.org/10.1016/j.jclepro.2020.120963>
- Kementrian Perindustrian. (2011). Pedoman Teknis Audit Energi Dalam Implementasi Konservasi Energi Dan Pengurangan Emisi CO2 Di Sektor Industri (Fase 1). *Kementerian Perindustrian*, 1, 34.
- Kozina, A., Radica, G., & Nižetić, S. (2020). Analysis of methods towards reduction of harmful pollutants from diesel engines. *Journal of Cleaner Production*, 262. <https://doi.org/10.1016/j.jclepro.2020.121105>
- Laszlo, T. (2023). Correlation of Greenhouse Gas Emissions with Economic Growth in the European Union (2010-2019). *International Journal of Energy Economics and Policy*, 13(4), 102–110. <https://doi.org/10.32479/ijeeep.14164>
- Michaelides, E. E. (2021). Thermodynamic analysis and power requirements of CO2

- capture, transportation, and storage in the ocean. *Energy*, 230, 120804.
<https://doi.org/10.1016/j.energy.2021.120804>
- Midor, K., Ivanova, T. N., Molenda, M., Biały, W., & Zakharov, O. V. (2022). Aspects of Energy Saving of Oil-Producing Enterprises. *Energies*, 15(1).
<https://doi.org/10.3390/en15010259>
- Nabi, M. N., Hussam, W. K., & Muyeen, S. M. (2022). Improved engine performance and significantly reduced greenhouse gas emissions by fumigating hydrogen in a diesel engine. *Energy Reports*, 8, 1–7.
<https://doi.org/10.1016/j.egy.2022.10.241>
- Ocampo Batlle, E. A., Escobar Palacio, J. C., Silva Lora, E. E., Martínez Reyes, A. M., Melian Moreno, M., & Morejón, M. B. (2020). A methodology to estimate baseline energy use and quantify savings in electrical energy consumption in higher education institution buildings: Case study, Federal University of Itajubá (UNIFEI). *Journal of Cleaner Production*, 244.
<https://doi.org/10.1016/j.jclepro.2019.118551>
- Opoku, R., Adjei, E. A., Ahadzie, D. K., & Agyarko, K. A. (2020). Energy efficiency, solar energy and cost saving opportunities in public tertiary institutions in developing countries: The case of KNUST, Ghana. *Alexandria Engineering Journal*, 59(1), 417–428. <https://doi.org/10.1016/j.aej.2020.01.011>
- Paramati, S. R., Shahzad, U., & Doğan, B. (2022). The role of environmental technology for energy demand and energy efficiency: Evidence from OECD countries. *Renewable and Sustainable Energy Reviews*, 153(July 2021).
<https://doi.org/10.1016/j.rser.2021.111735>
- Paryanto, P., Indrawan, H., Cahyo, N., Aisyah, S., Simaremare, A. A., Suprihanto, A., & Sulardjaka. (2021). Transformasi Digital Pembangkit Listrik di Indonesia : Kajian dari Sisi Teknologi dan SDM. *Rotasi*, 23(2), 71–80.
- Poveda-Orjuela, P. P., García-Díaz, J. C., Pulido-Rojano, A., & Cañón-Zabala, G. (2020). Parameterization, analysis, and risk management in a comprehensive management system with emphasis on energy and performance (ISO 50001: 2018). In *Energies* (Vol. 13, Issue 21). <https://doi.org/10.3390/en13215579>
- Radityatama, C., & Windarta, J. (2021). *Listrik Di Kampus Undip*. 10(1).
- Saint, S., Adewale, A., Chigozie, A., & Violet, U. (2019). Renewable energy

consumption in EU-28 countries : Policy toward pollution mitigation and economic sustainability ☆. *Energy Policy*, 132(February), 803–810.

<https://doi.org/10.1016/j.enpol.2019.06.040>

Sasana, H., & Aminata, J. (2019). Energy subsidy, energy consumption, economic growth, and carbon dioxide emission: Indonesian case studies. *International Journal of Energy Economics and Policy*, 9(2), 117–122.

<https://doi.org/10.32479/ijeep.7479>

Sawitri, D. R., Hadiyanto, H., & Hadi, S. P. (2015a). Pro-environmental Behavior from a SocialCognitive Theory Perspective. *Procedia Environmental Sciences*, 23, 27–33. <https://doi.org/10.1016/j.proenv.2015.01.005>

Sawitri, D. R., Hadiyanto, H., & Hadi, S. P. (2015b). Pro-environmental Behavior from a SocialCognitive Theory Perspective. *Procedia Environmental Sciences*, 23(Ictcred 2014), 27–33. <https://doi.org/10.1016/j.proenv.2015.01.005>

Sawitri, D. R., Hadiyanto, H., & Hadi, S. P. (2015c). Pro-environmental Behavior from a SocialCognitive Theory Perspective. *Procedia Environmental Sciences*, 23, 27–33. <https://doi.org/10.1016/j.proenv.2015.01.005>

Urbano, D. G., Aquino, A., & Scrucca, F. (2023). Energy Performance, Environmental Impacts and Costs of a Drying System: Life Cycle Analysis of Conventional and Heat Recovery Scenarios. *Energies*, 16(3).

<https://doi.org/10.3390/en16031523>

Wang, B., Song, Z., & Sun, L. (2021). A review: Comparison of multi-air-pollutant removal by advanced oxidation processes – Industrial implementation for catalytic oxidation processes. *Chemical Engineering Journal*, 409(December 2020), 128136. <https://doi.org/10.1016/j.cej.2020.128136>

Zhang, Y., Lou, D., Tan, P., Hu, Z., & Fang, L. (2023). Effect of catalyzed diesel particulate filter and its catalyst loading on emission characteristics of a non-road diesel engine. *Journal of Environmental Sciences*, 126, 794–805.

<https://doi.org/10.1016/j.jes.2021.12.028>

Chen, Y., Bai, Y., & Zhou, L. (2020). Energy performance benchmarking based on ISO 50001: A case study of industrial parks in China. *Journal of Cleaner Production*, 248, 119183.

- Ferreira, P., Rocha, A., Araujo, M., Afonso, J. L., Antunes, C. H., Lopes, M. A., Osório, G. J., Catalão, J. P., & Lopes, J. P. (2023). Assessing the societal impact of smart grids: Outcomes of a collaborative research project. *Technology in Society*, 72, 102164.
- Franco, A., Miserocchi, L., & Testi, D. (2023). Energy indicators for enabling energy transition in the industry. *Energies*, 16(2), 581.
- Gao, W., Zhu, X., Yang, J., & Huang, B. (2019). Load shedding strategy based on fuel consumption optimization for diesel engine generator sets. *Energy*, 166, 14-26.
- Gençer, E., Torkamani, S., Miller, I., Wu, T. W., & O'Sullivan, F. (2020). Sustainable energy system analysis modeling environment: Analyzing life cycle emissions of the energy transition. *Applied Energy*, 277, 115550.
- Jin, Y., Long, Y., Jin, S., Yang, Q., Chen, B., Li, Y., Xu, L. (2020). An energy management maturity for China: Linking ISO 50001:2018 and domestic practices. *Journal of Cleaner Production*.
- Marpaung, P. (2014). Melakukan audit energi di industri. Himpunan Ahli Konservasi Energi. Available from: [https://www.academia.edu/28776199/OLEH_Ir._Parlindungan_Marpaung_HAKE\(diakses_tanggal_21_Agustus_2023\)](https://www.academia.edu/28776199/OLEH_Ir._Parlindungan_Marpaung_HAKE(diakses_tanggal_21_Agustus_2023)).
- Midor, K., Ivanova T. N., Molenda, M., Bialy, W., & Zakharov, O. V. (2022). Aspects of Energy Saving of Oil-Producing Enterprises.
- Paryanto, P., Indrawan, H., Cahyo, N., Aisyah, S., Suprihanto, A., & Sulardjaka, S. (2021). Transformasi digital di pembangkit listrik di Indonesia: Kajian dari Sisi SDM dan Teknologi," *ROTASI*, vol. 23, no. 2, pp. 71-80, May. 2021.
- Pemerintah Indonesia. (2009). Undang-Undang No 70 tahun 2009 tentang Konservasi Energi. In Peraturan Pemerintah RI Tahun 2009.
- Radityatama, C., & Windarta, J. (2021). Analisa intensitas konsumsi energi dan kualitas daya listrik di Kampus UNDIP
- Sasana, H. & Aminata, J. (2019). Indonesian case studies include energy subsidies, energy consumption, economic growth, and carbon dioxide emission. *Journal of Energy Economics and Policy*
- Sawitri, D. R., Hadiyanto, H., Hadi, S. P. (2014). Pro-Environmental Behavior

from a Social Cognitive Theory Perspective. International Conference on Tropical and Coastal Region Eco-Development

Zhang, X., Ji, W., Zhao, X., Huang, X., & Wang, L. (2021). Development of benchmarking methodology for industrial energy management systems based on ISO 50001. *Energy Policy*, 150, 112159

Zhang, Y., Guo, X., & Ji, H. (2019). Application of PDCA cycle in energy management of enterprises considering greenhouse gas emissions. *Energy Procedia*, 158, 2491-2497.

Zeng, Y., Chen, Y., & Cai, X. (2020). Energy management and optimization in power systems: A review. *Electric Power Systems Research*, 180, 106050.

Cahyadi. 2011. Kajian teknis pembangkit listrik berbahan bakar fosil. *JITE*.1(12): 21-32.

Cahyadi, (2013), Kajian Teknis Pembangkit Listrik Berbahan Bakar Fossil
<http://bmj.co.id/tentang-genset/pembangkit-listrik-tenaga-diesel/> dikutip08 juli

2023. "Kajian Teknis Pembangkit Listrik berbahan bakar Fossil"

https://www.researchgate.net/figure/Plan-Do-Check-Act-approach-in-ISO-50001_fig19_263655783/ dikutip10 juli 2023." Gambar Plan-Do-Check-Act approach in ISO 50001