DAFTAR PUSTAKA

Abe, T., & Arimura, T. H. (2022). Causal effects of the Tokyo emissions trading scheme on energy consumption and economic performance. *Energy Policy*, 168, 113–151.

Alessandro, K. D., & Chapman, A. (2021). The Impact of COVID-19 on Electricity Demand and Generation in Japan. *Sustainability (Switzerland)*, 13, 1–16

Amelin, M. (2004). *On Monte Carlo Simulation and Analysis of Electricity Markets*. Stockholm: Royal Institute of Technology. pp: 151.

Aminata, J. (2023). Tantangan bankabilitas dalam pembangunan pembangkit listrik mikrohidro yang memanfaatkan bendungan milik negara (studi kasus: Bendungan Pandanduri, Nusa Tenggara Barat, Indonesia). *E3S Web of Conferences*, *468*, Artikel 10001.

Berrendero, J. R. (2015). Simulación e inferencia estadística. *La Gaceta de la RSME*, 18, 45-65.

Booker, T. C. C. (2021). *Archival and secondary data*. London: SAGE Publications.

Brännlund, R., & Vesterberg, M. (2021). Peak and off-peak demand for electricity: Is there a potential for load shifting?. *Energy Economics*, 102, Article 105466.

Briand, G., & Hill, R. C. (2013). Teaching basic econometric concepts using Monte Carlo simulations in Excel. *International Review of Economics Education*, *12*, 60–79.

Bureau of Environment, & Tokyo Metropolitan Government. (2022). *Final Energy Consumption and Greenhouse Gas Emissions in Tokyo 2019*. Tokyo: Tokyo Metropolitan Government.

Case, K. E., Fair, R. C., & Oster, S. M. (2014). *Principles of economics* (11th ed.). New Jersey: Pearson Education.

Castillo, J. N., Resabala, V. F., Freire, L. O., & Corrales, B. P. (2022). Modeling and sensitivity analysis of the building energy consumption using the Monte Carlo method. *Energy Reports*, *8*, 518–524.

Chandola, T., & Booker, C. (2021). *Archival and secondary data*. London: SAGE Publications Ltd.

Chapagain, K., & Kittipiyakul, S. (2018). Performance analysis of short-term electricity demand with atmospheric variables. *Energies*, *11*(4), 1–34.

Coddington, P. D. (1994). Analysis of random number generators using Monte Carlo simulation. *International Journal of Modern Physics*, *5*(3), 547-560.

Cong, R., Gomi, K., Togawa, T., Hirano, Y., & Oba, M. (2022). How and why did fossil fuel use change in Fukushima Prefecture before and after the Great East Japan Earthquake? *Energy Reports*, *8*, 1159–1173.

Duffield, J. S. (2016). Japanese Energy Policy after Fukushima Daiichi: Nuclear Ambivalence. *Political Science Quarterly*, *131*(1), 133–162.

Ethridge, D. E. (2004). *Research methodology in applied economics: Organizing, planning, and conducting economic research*. Ames, IA: Blackwell Publishing.

Fakhrudin, M., Rozi, A., Mahmudi, I., Hanum, M., & Dewi, J. P. (2023). Penerapan Energi Nuklir sebagai Pembangkit Listrik Indonesia pada Tahun 2035. *Management and Science Proceedings*, *3*(2), 910–916.

Fitriani, F., Herdiani, E. T., & Saleh, A. F. (2018). Pemodelan Autoregressive (AR) pada Data Hilang dan Aplikasinya pada Data Kurs Mata Uang Rupiah. *Jurnal Matematika, Statistika dan Komputasi*, *9*(2), 69–85.

Frost, J. (2019). *Introduction to statistics: An intuitive guide for analyzing data and unlocking discoveries*. State College, PA: Statistics By Jim Publishing.

Fujita, T. (2025). Energy knowledge and public response to restarting nuclear plants in Japan following the fukushima accident. *Utilities Policy*, *92*, 101858.

Gebremeskel, D. H., Ahlgren, E. O., & Beyene, G. B. (2021). Long-term evolution of energy and electricity demand forecasting: The case of Ethiopia. *Energy Strategy Reviews*, *36*, Article 100671.

Gujarati, D. N., & Porter, D. C. (2009). *Basic econometrics* (5th ed.). New York: McGraw-Hill/Irwin.

Gyamfi, S., Krumdieck, S., & Urmee, T. (2013). Residential peak electricity demand response - Highlights of some behavioural issues. *Renewable and Sustainable Energy Reviews*, 25, 71–77.

Hagerty, C. (2024). *Japan Spent Decades Making Itself Earthquake Resilient. Here's How.* National Geographic.

Harding, B., Tremblay, C., & Cousineau, D. (2014). Standard errors: A review and evaluation of standard error estimators using Monte Carlo simulations. *The Quantitative Methods for Psychology*, *10*(2), 107–123.

Herdiani. (2013). *Pemodelan Autoregressive (AR) pada Data Hilang dan Aplikasinya pada Data Kurs Mata Uang Rupiah Menaksir Parameter Autoregressive dengan Menggunakan*. *9*(2), 69–85.

Hermawan, N. T. E. (2012). Tantangan Kebijakan Energi Nuklir Jepang Pasca Insiden Fukushima Daiichi. *Prosiding Seminar Nasional Pengembangan Energi Nuklir V*, 27–38.

International Energy Agency. (2021). *Japan 2021: Energy policy review*. OECD Publishing.

Jannah, M. (2019). Penaksiran Parameter Model Autoregressive Orde (1) Dengan Menggunakan Metode Likelihood Maksimum Estimation Of Parameters Model Autoregressive Orde (1). *MAP Journal*, *1*, 38–48.

Japan Electric Power Information Center. (2024). *The Electric Power Industry in Japan*. Tokyo: Japan Electric Power Information Center.

Japan Meteorological Agency. (2025). *General Information on Climate of Japan*.

Tokyo: Japan Meteorological Agency.

Joskow, B. P. L., & Wolfram, C. D. (2012). Dynamic Pricing of Electricity. *American Economic Review*. *102*(3), 381–385.

Keenan, L. (2022). *Tokyo' s booms and busts : Placing Japan in the global financial network*. *8*(2), 149–168.

Khanna, M., & Rao, N. D. (2009). Supply and Demand of Electricity in the Developing World. *Annual Review of Resource Economics*, *1*(1), 567–596.

Kofi, F., Amoako-yirenkyi, P., Kena, N., Omari-sasu, A. Y., Adjei, I., Martin, H., & Sakyi, A. (2023). Seemingly unrelated time series model for forecasting the peak and short-term electricity demand : Evidence from the Kalman filtered Monte Carlo method. *Heliyon*, *9*(8), 18821.

Komiyama, R. (2024). *Japan Blistered in Hottest July on Record for 2nd Summer in A Row*. The Asahi Shimbun.

Kurniawan, R., & Ferdian, A. (2024). *Penjualan Mobil Listrik di Jepang Cetak Rekor di 2023*. Kompas.com.

Kusumoto, Y., Delage, R., & Nakata, T. (2024). Machine learning application for estimating electricity demand by municipality. *Energy*, *296*, Article 131138.

Lin, T., & Shang, C. (2025). Load profiling and Monte Carlo simulation for load variety and variability in voltage optimization. *Applied Energy*, *381*, Article 124830.

Loh, C. (2024). *Natsu Matsuri: 5 Must-Visit Summer Festivals in Japan*. Japan Rail Club.

Maggauer, K., & Fina, B. (2025). Monte Carlo Simulation-Based Economic Risk Assessment In Energy Communities. *Energy Reports*, *13*, 987–1003.

Mankiw, N. G. (2008). *Principles of microeconomics* (5th ed.). Mason, OH: South-Western Cengage Learning.

Venhammar, N. A. (2017). *Overcoming the challenges of energy scarcity in Japan* (Bachelor's thesis, Lund University). Lund University Publications.

Martin, W. E., & Bridgmon, K. D. (2012). *Quantitative and statistical research methods: From hypothesis to results*. Hoboken, New Jersey: John Wiley & Sons.

Ministry of Economy Trade and Industry. (2022). *FY2021 Energy Supply and Demand Report (Preliminary Report)*. Tokyo: Ministry of Economy, Trade and Industry.

Ministry of Economy Trade and Industry. (2025). *FY2023 Energy Supply and Demand Report (Revised Report)*. Tokyo: Ministry of Economy, Trade and Industry.

Ministry of Foreign Affairs of Japan. (2025). *Japanese Territory*. Tokyo: Ministry of Foreign Affairs of Japan.

Mizzochi. (2025). *Golden Week: The Busiest Travel Season in Japan*. Matcha.

Nam, H., Konishi, S., & Nam, K. (2021). Technology in Society Comparative analysis of decision making regarding nuclear policy after the Fukushima Dai-ichi Nuclear Power Plant Accident: Case study in Germany and Japan. *Technology in Society*, *67*, Article 101735.

National Institute of Population and Social Security Research. (2023). *Population projections for Japan (2023 revision)*. Tokyo: National Institute of Population and Social Security Research.

Nayak, A. (2021). *Introduction to Monte Carlo methods*. Switzerland: Springer.

Nugraha, E. Y., & Suletra, I. W. (2017). Analisis Metode Peramalan Permintaan Terbaik Produk Oxycan pada PT. Samator Gresik. *Seminar Dan Konferensi Nasional IDEC*, 414–422.

Oberle, W. F. (2015). *Monte Carlo simulations: Number of iterations and accuracy* (Technical Report ARL-TN-0684). Aberdeen Proving Ground, MD: U.S.

Army Research Laboratory.

Okuyama, T. (2012). *TEPCO and its governance*, 46–80.

Ota, T., Kakinaka, M., & Kotani, K. (2018). Demographic effects on residential electricity and city gas consumption in the aging society of Japan. *Energy Policy*, 115, 503–513.

Otsuka, A. (2016). Determinants of residential electricity demand: Evidence from Japan. *International Journal of Energy Sector Management*, *10*(4), 546–560.

Otsuka, A. (2023). Industrial electricity consumption efficiency and energy policy in Japan. *Utilities Policy*, *81*, 101519.

Otsuka, A. (2024). Price Elasticity of Electricity Consumption in Japan, 1990 to 2015. *SAGE Open*, 14(1), 1–12.

Paolo, B. (2014). *Handbook in Monte Carlo simulation: Applications in financial engineering, risk management, and economics*. Hoboken, NJ: Wiley.

Paraschiv, L. S. (2023). Contribution of renewable energy (hydro, wind, solar and biomass) to decarbonization and transformation of the electricity generation sector for sustainable development. *Energy Reports*, *9*, 535–544.

Pelka, P. (2023). Analysis and Forecasting of Monthly Electricity Demand Time Series Using Pattern-Based Statistical Methods. *Energies*, *16*(2), 1–22.

Pindyck, Robert S. & Rubinfeld, Daniel L. (2013). *Microeconomics* (8th ed.). Upper Saddle River, NJ: Pearson Education.

Przysucha, B., Bednarczuk, P., Martyniuk, W., Golec, E., Jasienski, M., & Pliszczuk, D. (2024). Monte Carlo Simulation as a Demand Forecasting Tool. *European Research Studies Journal*, *27*, 103–113.

Renewable Energy Institute. (2022). *On the Energy Crisis Caused by the Invasion of Ukraine Renewable Energy and Energy Conservation are the Most Effective Measures for Energy Independence*. Renewable Energy Institute.

Rubinstein, R. Y., & Kroese, D. P. (2017). *Simulation and the Monte Carlo method* (3rd ed.). Hoboken, NJ: Wiley.

Ryo, E., Okabayashi, H., Onda, N., Iwata, T., Shibata, Y., & Suehiro, S. (2021). *Summary of Economic and Energy Outlook*. The Institute of Energy Economics.

Sato, H. (2024). In hot water: The reasons for Northern Japan's brutal heat in summer 2023. *Research Center for Advanced Technology*, The University of Tokyo.

Sevyanto, Y. B., Rosmaliati, & Muljono, A. B. (2022). Electrical energy demand forecasting analysis in the Province of West Nusa Tenggara. *Dielektrika*, *9*(2), 167–175.

Shah, S. (2025). Monte Carlo Simulation in Renewable Energy Planning : A Comprehensive Review and Novel Framework for Uncertainty Quantification. *The American Journal of Engineering and Technology*, *07*, 24–45.

Shiraki, H., Nakamura, S., Ashina, S., & Honjo, K. (2016). Estimating The Hourly Electricity Profile Of Japanese Households – Coupling Of Engineering And Statistical Methods. *Energy*, *114*, 478–491.

TEPCO. (2024). *Integrated Report 2024*. Tokyo: TEPCO..

Tingting Xu, A., Weijun Gao, B., Yanxue Li, C., & Fanyue Qian, D. (2021). Impact Of The COVID-19 Pandemic On The Reduction Of Electricity Demand And The Integration Of Renewable Energy Into The Power Grid. *Journal of Renewable and Sustainable Energy*, *13*(2).

Tokyo Electric Power Company. (2024). *Role of the TEPCO Group in society*. Tokyo: Tokyo Electric Power Company.

Tokyo Metropolitan Government. (2021). *Tokyo's market & trend report*. Tokyo, Japan: Tokyo Metropolitan Government.

Ugbehe, P. O., Diemuodeke, O. E., & Aikhuele, D. O. (2025). Electricity demand

forecasting methodologies and applications: a review. *Sustainable Energy Research*, 12(1).

UME Travel. (2025). *Things to Do in Japan in August 2026*. UME Travel.

Verschuuren, D. G. M. (2017). *100 Excel simulations using Excel: Monte Carlo, risk analysis, and more*. Cham, Switzerland: Springer.

Wadi, M., Baysal, M., Shobole, A., & Tur, M. R. (2020). Historical and Monte Carlo Simulation-Based Reliability Assessment of Power Distribution Systems. *Sigma Journal of Engineering and Natural Sciences*, *38*(3), 1527–1540.

Wakashiro, Y. (2022). Causal Impact Of Severe Events On Electricity Demand: The Case Of COVID-19 In Japan. *Arxiv*.

Walpole, R. E. (2011). *Probability & statistics for engineers & scientists* (D. Lynch, Ed.; 9th ed.). Boston, MA: Pearson.

Wang, J., & Azam, W. (2024). Geoscience Frontiers Natural resource scarcity , fossil fuel energy consumption , and total greenhouse gas emissions in top emitting countries. *Geoscience Frontiers*, *15*(2), 101757.

Weber, C., Möst, D., & Fichtner, W. (2022). *Economics of power systems: Fundamentals for sustainable energy*. Cham: Springer Nature Switzerland AG.

Weng, T., Zhang, G., Wang, H., Qi, M., Qvist, S., & Zhang, Y. (2024). The impact of coal to nuclear on regional energy system. *Energy*, *302*, 131765.

Wibowo, R. (2016). Unconscious Structures in the Japanese Folk Tales Hebi No Yomeiri, Hato No Koukou, Tsuru No On ' gaeshi, and Tanabata. *Humaniora*, *28*(2), 66–71.

World Bank. (2024). *Population, total – Japan*. World Bank Group.

World Population Review. (2025). *Total Population 2025*. https://worldpopulationreview.com/cities/japan/tokyo.

Yang, T., Liu, W., Kramer, G. J., & Sun, Q. (2021). Seasonal thermal energy storage: A techno-economic literature review. *Renewable and Sustainable Energy Reviews*, 139, Article 110732

Zhang, J. (2024). Energy access challenge and the role of fossil fuels in meeting electricity demand: Promoting renewable energy capacity for sustainable development. *Geoscience Frontiers*, *15*(5), 101873.

Zhu, P., & Lin, B. (2022). Revisiting the Effect of Urbanization on Residential Electricity Consumption. *Journal of Global Information Management*, *30*(1), 1–17.