

DAFTAR PUSTAKA

- Agustinus, Michael. 2016. "Ini 4 Provinsi yang Paling Kekurangan Listrik di RI". <https://finance.detik.com/energi/3134391/ini-4-provinsi-yang-paling-kekurangan-listrik-di-ri>. Diakses 2 Juni 2017.
- Akwa, J.V., Vielmo, H.A., Petry, A.P. 2012. "A Review on the Performance of Savonius Wind Turbines," Renewable and Sustainable Energy Reviews, vol. 16, Hlm. 3054-3064
- Al Hakim, Buddin. 2011. "Karakteristik Kondisi Oseanografi dan Potensinya di Perairan Selatan Jawa Indonesia". Semarang: Oseanografi UNDIP. <http://coastalenvironment.blogspot.co.id/2011/01/karakteristik-kondisi-oseanografi-dan.html>. Diakses 12 April 2017.
- Anonim. 2011. "Analisis Sensitivitas (*Sensitivity Analysis*)". http://web.ipb.ac.id/~tepfeta/ekotek/Minggu_14/M14B1. Diakses 6 September 2017
- Anonim. 2013. "What is the Different between On-Grid and Off-Grid Wind Turbine". <http://www.windenergy.com/community/blog/what-difference-between-grid-and-grid-wind-turbines>. Diakses 18 Agustus 2017
- Anonim. 2016. "Devices That Harness the Energy of the Waves". <http://www.alternative-energy-tutorials.com/wave-energy/wave-energy-devices.html>. Diakses 20 April 2017.
- Anonim. "Wave Devices". <http://www.emec.org.uk/marine-energy/wave-devices/>. Diakses 21 April 2017.
- Arifujjaman, Md., Iqbal, M. T., Quaicoe, E. 2008. "Emulation of a Small Wind Turbine System with a Separately-Excited DC Machine". Journal of Electrical and Electronics. Istanbul University Volume 8 No. 1 Hlm 569-579
- Bank Indonesia (BI). 2016. "Data BI Rate". Period 21 July 2016. <http://www.bi.go.id/en/moneter/bi-rate/data/Default.aspx>. Diakses 11 September 2017.
- Bard, Jochen, Kracht, Peter, Fraunhofer IWES. 2012. "Rotating Generators-Structural Design of Wave Energy Devices". Aalborg University. www.sdwed.civil.aau.dk/digitalAssets/97/97526_d3.3.pdf. Diakses 21 Juli 2017

- Boehlert, G., C. Braby, A. S. Bull, M. E. Helix, S. Henkel, P. Klarin, and D. Schroeder, eds. 2013. *“Oregon Marine Renewable Energy Environmental Science Conference Proceedings”*. U.S. Department of the Interior, Bureau of Ocean Energy Management, Cooperative Agreement with Oregon State University M12AC00012. OCS Report BOEM 2013-0113. 134 pp
- Business Dictionary. *“Capital Investment Definition”*. <http://www.businessdictionary.com/definition/capital-investment.html>. Diakses 19 Agustus 2017
- Carija, Z, .Kranjcevic, L, Banic, V, Cavrak, M. 2012. *“Numerical Analysis of Wells Turbine for Wave Power Conversion”*. Engineering Review Vol. 32, Issue 3, Hlm. 141-146
- Collins English Dictionary. *“Definition of ‘Turbine’”*. <https://www.collinsdictionary.com/dictionary/english/turbine>. Diakses 25 Juli 2017.
- David, Rodreck; Ngulube, Patrick; Dube. 2013. *“A Cost-Benefit Analysis of Document Management Strategies Used at a Financial Institution in Zimbabwe: A Case Study”*. SA Journal of Information Management. 15 (2). doi:10.4102/sajim.v15i2.540
- Department of Trade and Industry (DTI). 2007. *“Impact of Banding the Renewables Obligation-Costs of Electricity Production”*. URN07/948. Commissioned to Ernst and Young.
- Direktorat Jenderal Ketenagalistrikan (Dirjen Ketenagalistrikan) Kementerian Energi dan Sumber Daya Mineral. 2016. *“Statistik Ketenagalistrikan 2015”*. Edisi Nomor 29 Tahun Anggaran 2016. <https://dj.k.esdm.go.id/pdf/Buku%20Statistik%20Ketenagalistrikan/Statistik%20Ketenagalistrikan%20T.A.%202016.pdf>. Diakses 30 Agustus 2017
- EERE. 2015. *“Marine and Hydrokinetic Technology Glossary”*. U.S.Department of Energy. <https://energy.gov/eere/water/marine-and-hydrokinetic-technology-glossary>. Diakses 16 April 2017.
- Folley, M, Whittaker, T.J.T. 2009. *“Analysis of the Nearshore Wave Energy Resource”*. Elsevier Renewable Energy Vol. 34: 7, Hlm. 1709-1715
- Mehmet, E. *“The Evaluation of Feed-in Tariff Regulation of Turkey for Onshore Wind Energy Based on the Economic Analysis”*. Energy Policy 2012; 45:359-67

- Federal Emergency Management Agency (FEMA). 2011. *“IS-386: Introduction to Residential Coastal Construction”*. US Emergency Management Institute.
- Haimes, Yacov Y. 1998. *“Risk Modeling, Assessment, and Management”*. Wiley Publisher. Wiley Series in Systems Engineering and Management.
- Hansen, L.H., Helle, L, Blaabjerg, F, Ritchie, E, Munk-Nielsen, S, Bindner, H, Sorasen, P, Bak-Jense, B. 2001. *“Conceptual Survey of Generators and Power Electronics for Wind Turbines”*. Riso National Laboratory, Roskilde, Denmark.
- Hamid, Muhammad Imran, Saputra, Edy. 2014. "Implementasi Sistem Kendali Berbasis Logika Fuzzy pada Pengendalian Eksitasi Generator". Universitas Andalas.
- Hopeful Wind Energy Technology Co., Ltd. *“Maglev Wind Generator Turbine”*. https://www.alibaba.com/product-detail/maglev-wind-generator-turbine_60446122118.html?spm=a2700.7724857.main07.294.52f8d3d4Ga GfEoL. Diakses 29 Juli 2017.
- Hubbard. D.W. 2009. *“The Failure of Risk Management: Why It's Broken and How to Fix It”*. John Wiley and Son.
- IEA-RETD. 2011. *“Risk Quantification and Risk Management in Renewable Energy Project”*. IEA-RETD.
- Ibrahim, Yakob. 2009. *“Studi Kelayakan Bisnis”*. Jakarta: Rineka Cipta.
- Indonesia Investment. *“Sistem Pajak di Indonesia”*. <https://www.indonesia-investments.com/id/keuangan/sistem-pajak/item277>. Diakses 26 Juli 2017
- International Energy Agency. 2010. *“Projected Costs of Generating Electricity”*. edisi 2010. IEA, Paris
- International Renewable Energy Agency (IRENA). 2012. *“Cost Analysis Series. Wind Power”*; 1: 5/5
- Investopedia. *“Definition of Revenue”*. <http://www.investopedia.com/terms/r/revenue.asp>. Diakses 19 Agustus 2017.
- Ioannou, Anastasia dkk. 2017. *“Risk-based Methods for Sustainable Energy Systems Planning: A Review”*. Renewable and Sustainable Energy Reviews 74, page 602–615.

- Isaacman, Lisa dkk. 2012. *“A Framework for Environmental Risk Assessment and Decision-Making for Tidal Energy Development in Canada”*. Acadia Centre for Estuarine Research (ACER) Publication No. 106
- Ismail, Samsul Kamal, Purnomo, Sarjiya, Budi Hartono. 2015. *“Economic Feasibility of Wind Farm: A Case Study for Coastal Area in South Purworejo, Indonesia”*. Energy Procedia 65: 146-154
- Jannah, Kurniasih Miftakhul. 2016. *“Rasio Elektrifikasi Indonesia Baru 89,5%, Kalah dari Vietnam dan Thailand”*. <http://economy.okezone.com/read/2016/11/18/320/1544739/rasio-elektrifikasi-indonesia-baru-89-5-kalah-dari-vietnam-dan-thailand>. Diakses 10 Januari 2017.
- Wolf John, V.D, Wolf Ronald, V.D. 1988. *“Electric Generator”*. Nomor Paten WO1988007782 A1.
- Keljik, Jeffrey J. 2013. *“Electricity 3: Power Generation and Delivery”*. Penerbit: Cengage Learning. ISBN 1285608518, 9781285608518
- Laba, Michael. 2011. *“Neighbour-friendly Wind Generator”*. ReNew: Technology for a Sustainable Future No. 117. Hlm. 42-45
- Lebsir, A Kadir, Bentounsi, A, Benbouzid, Mohamed, Mangel, Herve. 2015. *“Electric Generators Fitted to Wind Turbine Systems: An Up-to-Date Comparative Study”*. J Electrical System: Volume 11-3. Hlm 281-295.
- Kasmir dan Jakfar. 2003. *“Studi Kelayakan Bisnis”*. Jakarta: Kencana Prenada Media Grup
- Kasmir dan Jakfar. 2008. *“Studi Kelayakan Bisnis”*. Edisi 2. Jakarta: Kencana Prenada Media Grup
- Kelly, T., Dooley, T., Campbell, J., & Ringwood, J. V. 2013. *“Comparison of the Experimental and Numerical Results of Modelling a 32-Oscillating Water Column (OWC), V-Shaped Floating Wave Energy Converter”*. Energies 2013, Volume 6 issue 8, 4045-4077
- Kementerian Energi dan Sumber Daya Mineral. 2017. Peraturan Menteri ESDM nomor 12 tahun 2017. <http://jdih.esdm.go.id/peraturan/Permen%20ESDM%20Nomor%2012%20Tahun%202017.pdf>. Diakses 1 Agustus 2017.

- Kurniawan, Roni, M. Najib Habibie, Suratno. 2011. "Variasi Bulanan Gelombang Laut di Indonesia". Puslitbang BMKG. Rangkuman Jurnal Meteorologi dan Geofisika Volume 12 nomor 3.
- Kusumastanto, Tridoyo. 2007. "Analisis Ekonomi Kelautan dan Arah Kebijakan Pengembangan Jasa Kelautan". Pusat Kajian Sumberdaya Pesisir dan Lautan (PKSPL) Institut Pertanian Bogor
- Laksmi. Brigitta Isworo. 2014. "Mengintip Kekayaan Energi di Laut". <http://sains.kompas.com/read/2014/09/01/19114031/Mengintip.Kekayaan.Energi.di.Laut>. Diakses 11 Februari 2017.
- Maiwald, Marco, Muller, Bertram Kurt. 2005. "*Hydrogen Production from Hydro Power*". Paten Amerika Serikat No. US6864596 B2
- Manet, J.L. 2004. "*A Doubly-Step Savonius Rotor for Local Production of Electricity*". Elsevier Renewable Energy 29. Hlm 1843-1862
- Martins, Elson Emanuel Gomes. 2014. "*Risk Assessment of Ocean Energy Projects*". Tecnico Lisboa. Portugal
- Modigliani, F.; Miller, M. 1958. "*The Cost of Capital, Corporation Finance and the Theory of Investment*". American Economic Review. American Economic Association. 48 (3): 261–297. JSTOR 1809766
- Min-Fu Hsieh, -Hsien Lin, I, Dorrell, David G, Ming-June Hsieh, Chi-Chien Lin. 2012. "*Development of a Wave Energy Converter Using a Two Chamber Oscillating Water Column*". IEEE Transactions on Sustainable Energy Vol. 3 No. 2. Hlm 482-497
- Mukhtasor. 2012. "*Ocean Energy in Indonesia*". Jakarta: Ocean Energy Workshop with ASEL, BPPT, JICA, OEAJ, ESDM and NEDO
- Munson, Bruce Roy, T. H. Okiishi, and Wade W. Huebsch. 2009. "*Turbomachines*". Fundamentals of Fluid Mechanics. 6th ed. Hoboken, NJ: J. Wiley & Sons,. Print
- Murray Z, Frank, Tao Shen. 2016. "*Investment and the Weighted Average Cost of Capital*". Journal of Financial Economics. Volume 119, Issue 2, Pages 300-315
- Natural Hazard Portal. "*Danger Level Earthquakes*". <http://www.natural-hazards.ch/home/dealing-with-natural-hazards/earthquakes/danger-levels-earthquakes.html>. Diakses 10 Agustus 2017.

- Nagrath, I.J, Kothari, D.P., 2004. *“Electric Machine”*, Tata McGraw Hill Publishing Company Limited, New Delhi
- Nicolson, Craig Donald. 2004. *“Development of a Ducted Wind Turbine”*. University of Strathclyde Glasgow
- Nielsen, Kim. *“On the Performance of Wave Power Converter.”* Int. Sym. Util.of Ocean Waves, Jun-86
- O’Sullivan, Dara L, Lewis, Anthony W. 2011. *“Generator Selection and Comparative Performance in Offshore Oscillating Water Column Ocean Wave Energy Converters”*. IEEE Transaction on Energy Converter, Vol. 26, No 2
- Pestana, Ronaldo Jorge. 2014. *“The Modelling of a Squirrel-Cage Induction Generator in an Oscillating-Water-Column Wave-Energy Converter”*. <https://core.ac.uk/download/pdf/39676126.pdf>. Diakses 10 Juli 2017.
- Patel, S. K., Ram, K., & Ahmed, M. R. 2013. *“Effect of Turbine Section Orientation on the Performance Characteristics of an Oscillating Water Column Device”*. Experimental Thermal and Fluid Science, 44, 642-648.
- Patrick, Michael, French, Nick. 2016. *“The Internal Rate of Return (IRR): Projections, Benchmarks and Pitfalls”*. Journal of Property Investment & Finance. Vol. 34 Issue: 6. Hlm 664-669. <https://doi.org/10.1108/JPIF-07-2016-0059>
- Prabowo, Harkins. 2012. *“Atlas Potensi Energi Laut”*. Pusat Penelitian dan Pengembangan Geologi Kelautan (PPPGL)
- Plengdut. 2012. *“Mengenal Teknologi Oscillating Water Column”*. <https://www.plengdut.com/mengenal-teknologi-oscillating-water/907/>. Diakses 10 Maret 2017
- Promislow, S David, Spring, David. 1996. *“Postulates for the Internal Rate of Return of an Investment Project”*. Journal of Mathematical Economics. Volume 26, Issue 3, Pages 325-361.
- Rafique, Rizwan. 2015. *“Doubly-Fed Induction Machine for Use in Mini-Hydro Power Plant”*. Delft University of Technology Risø - Denmark Technical University
- Ragheb, M. 2015. *“Vertical Axis Wind Turbine.”* <http://www.ragheb.co/NPRE%20475%20Wind%20Power%20Systems/Vertical%20Axis%20Wind%20Turbines.pdf>. Diakses 8 Agustus 2017

- Roscoe, J.T. 1975. *“Fundamental Research Statistics for the Behavioural Sciences”*. Edisi Kedua. New York: Holt Rinehart & Winston
- Ross, David. 1980. *“Energy from the Waves”*. 2nd Edition Revised & Enlarged, Pergamon Press.
- Saaty. T.L., 1993. *“Decision Making for Leader: The Analytical Hierarchy Process for Decision in Complex Word”*. Pittsburgh: University Of Pittsburgh
- Saeed, Sameh Karem, Elshaer, Mohammad Kamal. 2015. *“Increasing Wind Turbine Efficiency Using Doubly-Fed Induction Generator”*. International Journal of Technology Enhancements and Emerging Engineering Research, Vol 3 Issue 04 hlm 118, ISSN 2347-4289
- Samrad, Nahidul Hoque, Ahmad, Norhafizan, Choudhury, Intiaz Ahmed, Taha, Zahari. 2015. *“An Off-grid Stand-Alone Wave Energy Supply System with Maximum Power Extraction Scheme for Green Energy Utilization in Malaysian Island”*. Journal Desalination and Water Treatment Volume 57, 2016 - Issue 1. Hlm 58-74
- Shanghai Fortune Electric Co., Ltd. *“300KW Z Series direct current machine DC Motor”*. https://www.alibaba.com/product-detail/300KW-Z-Series-direct-current-machine_60400328544.html?spm=a2700.details.maylikever.12.1ca4de0b02uuBs. Diakses 1 Agustus 2017
- Shanghai (AXD) Electric Heavy Machinery. *“Export Dalian Motor”*. https://www.alibaba.com/product-detail/Export-dalian-motor_60488035793.html?spm=a2700.7724838.2017115.104.iaLIEe. Diakses 25 Juli 2017.
- Shanyang Getai Hydropower Equipment Co, Ltd. *“anti - kavitasi & EPC pelton produsen dengan Harga turbin air untuk generator turbin turbin dibuat di cina dari Shenyang generator”*. https://indonesian.alibaba.com/product-detail/anti-cavitation-epc-pelton-turbine-manufacturers-with-water-turbine-price-for-turbine-generator-made-in-china-from-shenyang-generator_1473453587.html?spm=a2700.8699010.29.97.11ca34193qwewP. Diakses 31 Juli 2017
- Suddle, Shahid. 2009. *“The Weighted Risk Analysis”*. Journal of Safety Science. Volume 47, Issue 5, Pages 668-679
- Suleman, Zahid, Khaleeq, Hammad Bin. 2011. *“Comparative Study of Power Take-Off Units of OWC Based Wave Energy Power Plants”*. Technical Journal, University of Engineering and Technology Taxila, Islamabad.

- Suzuki, T, Okitsu, H, Kawahito, T. 1982. “*Characteristics of a Small Wind-Power System with DC Generator*”. IEE Proceedings B - Electric Power Applications Volume: 129, Issue: 4
- Snowberg, David & Weber, Jochem. 2015. “*Marine and Hydrokinetic Technology Development Risk Management Framework*”. www.nrel.gov/publications
- Taizhou Flying Dragon Machinery Equipment Co., Ltd. “*500 kva Harga Dynamo Daya Listrik 400 kW Generator 500kva Generator*”. <https://indonesian.alibaba.com/product-detail/500-kva-dynamo-price-400-kw-electric-power-generator-500kva-generator-in-dubai-60301938306.html?spm=a2700.8698675.29.34.1714c9e719omGI>. Diakses 22 Juli 2017.
- Thomas, John Meurig (1991). “*Michael Faraday and the Royal Institution: The Genius of Man and Place*”. Bristol: Hilger. p. 51. ISBN 0750301457
- Tourou, Pavlos, Sourkounis, Constantinos. 2014. “*Investigation of Fault Ride-Through Behavior of DFIG-based Wind Energy Conversion Systems*”. Energy Conference (ENERGON), IEEE International.
- Utami, Siti Rahma. 2010. “*Studi Potensi Pembangkit Listrik Tenaga Gelombang Laut dengan Menggunakan Sistem Oscillating Water Column (OWC) di Tiga Puluh Wilayah Perairan Indonesia*”. Departemen Teknik Elektro Fakultas Teknik Universitas Indonesia.
- Van Horne, James C and Wachowicz, John M, Jr. 2001. “*Fundamental of Financial Management*”. Pearson Education 12th Ed
- Wicaksono, Pebrianto Eko. 2015. “*Butuh Peran Pemda untuk Tingkatkan Rasio Elektrifikasi*”. <http://bisnis.liputan6.com/read/2189567/butuh-peran-pemda-untuk-tingkatkan-rasio-elektrifikasi>. Diakses 10 Mei 2017
- Wijaya, I Wayan Arta. 2012. “*Pembangkit Listrik Tenaga Gelombang Laut Menggunakan Teknologi Oscillating Water Column di Perairan Bali*”. Majalah Ilmiah Teknologi Elektro, 9(2).
- Xiao, Y., Nemec, M., Borle, L.J., Sreeram, V., Iu, H.H.C. 2012. “*Regenerative Braking of Series-wound Brushed DC Electric Motors for Electric Vehicles*”. 7th IEEE Conference on Industrial Electronics and Applications (ICIEA).
- YUSOFF, N. A. B. M. 2017. “*Turbine Blade Design for Tidal barrage System and Simulink Model in Electricity Generation*”. Doctoral Dissertation, UNIVERSITI MALAYSIA PAHANG.



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Zauba Technology and Data Service Pvt Ltd. "*Import Data of Separately Excited Motor*".
<https://www.zauba.com/import-SEPARATELY+EXCITED+MOTOR-hs-code.html>. Diakses 20 Juli 2017.