

DAFTAR PUSTAKA

- [1] F. D. Wijaya, K. D. Pribadi, and Sarjiya, “Maximum power point tracking using particle swarm optimization algorithm for hybrid wind-tidal harvesting system on the south coast of Java,” *Int. J. Electr. Comput. Eng.*, vol. 7, no. 2, pp. 659–666, 2017.
- [2] R. Muhartono, E. S. Luhur, and A. Zulham, “MENDUKUNG KETAHANAN PANGAN PADA MASYARAKAT PESISIR (Studi Kasus : Larantuka , Flores Timur , Nusa Tenggara Timur) Opportunities and Challenges of the Use of Ocean Currents Energy in Supporting Food Security in the Coastal (A Case Study : Larantuka , Ea,” pp. 385–392, 2014.
- [3] Y. Cetinceviz and H. D. , Durmus Uygun, “Optimal Design and Verification of a PM Synchronous Generator For Wind Turbines,” *Int. J. Renew. Energy Res.*, vol. 7, no. 3, pp. 1324–1332, 2017.
- [4] A. Nikbakhsh, H. Izadfar, and Y. Alinejad Beromi, “Design and Optimization of Permanent Magnet Synchronous Generator for Use in Hydrodynamic Renewable Energy By Applying Aco and Fea,” *IIUM Eng. J.*, vol. 18, no. 2, pp. 158–176, 2017.
- [5] D. Leo, B. Pattanaik, Y. V. Narasimha Rao, and P. Jalihal, “A novel methodology to design permanent magnet synchronous generator for ocean current turbine applications,” *2016 IEEE Annu. India Conf. INDICON 2016*, 2017.
- [6] J. Rucker, “Design and Analysis of a Permanent Magnet Generator for Naval Applications,” 2005.
- [7] T. Singh, “100-Foot Subsea Turbine Successfully Installed at World’s First Tidal Farm Off the Coast of Scotland.” [Online]. Available: <https://inhabitat.com/worlds-first-tidal-farm-successfully-installs-100-foot-subsea-turbine/>. [Accessed: 15-Apr-2019].
- [8] B. C. Warren, “A Deep Dive into Wind Turbine Performance,” 2018. [Online]. Available: <http://eprijournal.com/a-deep-dive-into-wind-turbine-performance/>. [Accessed: 15-Apr-2019].
- [9] J. N. Goundar and M. R. Ahmed, “Design of a horizontal axis tidal current turbine,” *Appl. Energy*, vol. 111, pp. 161–174, 2013.



- [10] Z. Q. Zhu, M. L. M. Jamil, and L. J. Wu, "Influence of slot and pole number combinations on unbalanced magnetic force in permanent magnet machines," *IEEE Energy Convers. Congr. Expo. Energy Convers. Innov. a Clean Energy Futur. ECCE 2011, Proc.*, pp. 3291–3298, 2011.
- [11] S. Benelghali, M. E. H. Benbouzid, and J. F. Charpentier, "Generator systems for marine current turbine applications: A comparative study," *IEEE J. Ocean. Eng.*, vol. 37, no. 3, pp. 554–563, 2012.
- [12] N. Madani, "Design of a Permanent Magnet Synchronous Generator for a Vertical Axis Wind Turbine Design of a Permanent Magnet Synchronous Generator for a Vertical Axis Wind Turbine," pp. 5–46, 2011.
- [13] A. K. Shawney, *Electric Machine Design*. 1996.
- [14] J. Faiz, Z. Valipour, M. Shokri-Kojouri, and M. A. Khan, "Design of a radial flux permanent magnet wind generator with low coercive force magnets," *2016 2nd Int. Conf. Intell. Energy Power Syst. IEPS 2016 - Conf. Proc.*, 2016.
- [15] N. Madani, A. Cosic, and C. Sadarangani, "A permanent magnet synchronous generator for a small scale vertical axis wind turbine," *Proc. - 2015 IEEE Int. Electr. Mach. Drives Conf. IEMDC 2015*, pp. 48–52, 2016.
- [16] A. Hebala, W. A. M. Ghoneim, and H. A. Ashour, "Detailed Design Procedures for Low-Speed, Small-Scale, PMSG Direct-Driven by Wind Turbines," *Proc. - 2018 23rd Int. Conf. Electr. Mach. ICEM 2018*, pp. 697–703, 2018.
- [17] J. Pyrhönen, T. Jokinen, and V. Hrabovcová, *Design of Rotating Electrical Machines*. 2008.
- [18] A. C. Viorel, I. Viorel, and L. Strete, "On the Magnetic Flux Density Analytical Calculation in the Air-Gap of Electric Machines with Wide Open Slots," no. 2, pp. 167–174, 2014.
- [19] I. Boldea and S. A. Nasar, *The induction machine handbook*. 2010.
- [20] H. Haraguchi, S. Morimoto, and M. Sanada, "Suitable design of a PMSG for a large-scale wind power generator," *2009 IEEE Energy Convers. Congr. Expo. ECCE 2009*, no. mm, pp. 2447–2452, 2009.



- [21] N. Bianchi, “Permanent magnet generators for wind power industry: an overall comparison with traditional generators,” no. 419, pp. 49–54, 2005.
- [22] P. M. Dusane, “Simulation of a Brushless DC Motor in ANSYS – Maxwell 3D,” no. June, pp. 1–109, 2016.
- [23] R. Vol and E. Machines, “Parametric Analysis for the Design of a 4 Pole Radial Permanent Magnet Generator for Small Wind Turbines *,” vol. 1, no. 2, 2016.