

## DAFTAR PUSTAKA

- Ahmadreza and Archer. 2016. Wind Farms with Counter-Rotating Wind Turbines. *Suistanable Energy Technologies and Assesments*. Vol. 24, pp. 19-30
- Appa, K. 2002. Counter-rotating Wind Turbine System. Energy Innovations Small Grant (EISG) Program, California Energy Commision, July 2003 P500-03-055F.
- BPPT, 2016, Outlook Energi Indonesia 2016 : Pengembangan Energi Untuk Mendukung Industri Hijau, Pusat Teknologi Sumber Daya Energi dan Industri Kimia, Jakarta.
- Bramantya, M.A., Huda, L.A., 2016. An Experimental Study of The Mechanics Power of Counter Rotating Wind Turbines Model Related with Axial Distance Between Two Rotors. International Annual Engineering Seminar, 6<sup>th</sup> (2016)
- Buana, S.W. 2016. Analisis Peengaruh Rasio Diameter Sebagai Parameter Kinerja Aerodinamika Rotor Dual Counter-Rotating Wind Turbine. International Conference on Engineering, Science and Nanotechnology (ICESNANO). Solo, Indonesia.
- Direktorat Jenderal Ketenagalistrikan Kementerian Energi dan Sumber Daya Mineral, 2015, Statistik Ketenagalistrikan 2014, No 28, Kementrian Energi dan Sumber daya mineral, Jakarta
- Erturk, E., S. Sivrioghu, and F.C. Bolat. 2018. Analysis Model of a Small Scale Counter-Rotating Dual Rotor Wind Turbine with Double Rotational Generator Armature. International Journal of Renewable Energy Research, Turkey.

- Hall, J.F. dan Chen, D., 2012, Performance of a 100 kW wind turbine with a Variable Ratio Gearbox, *Renewable Energy*, vol.44, pp. 261-266.
- Hakim, L., Rijanto, A., 2018, Studi Experimental Kinerja Turbin Angin Darrieus-Savonius (DS) Pada Kecepatan Angin Rendah, Seminar Nasional Sains dan Teknologi Terapan VI, Institut Adhi Tama Surabaya.
- Jung, S. N., T.-S. No., and K. Ryu, 2005, Aerodynamic Kinerjance Prediction of a 30kW Counter-Rotating Wind Turbine System. *Renewableable Energy*, vol. 30, no.5, pp. 631-644
- Koehuan, V. A., dkk., 2014, Studi Eksperimental Variasi Sudut Blade terhadap Kinerja Rotor Blade Turbin Angin Tipe Propeler Poros Horizontal Model Contra-Rotating, *LONTAR Jurnal Teknik Mesin Undana*, Vol. 01, No. 02.
- Latif, M., 2013, Efisiensi Prototipe Turbin Savonius pada Kecepatan Angin Rendah, *Jurnal Rekayasa Elektrika*, Vol. 10, No. 3, pp. 115-159.
- Ohya, Y., Karasudani T., Sakurai, A., 2005, Development of a shrouded wind turbine with a *flanged diffuser*, *Journal of Wind Engineering and Industrial Aerodynamics* 96,524 - 539
- Oprina G., C. R. E. – L. L. N. S. B. C. V. A., 2016. A Review On Counter Rotating Wind Turbines Developments. *Journal of Sustainable Energy*, pp. 91-98.
- Ozbay A., Wei T., Hu H., 2014, An Experimental Investigation on the Aeromechanics and Near Wake Characteristics of Dual-Rotor Wind Turbines (DRWTs), 32nd ASME Wind Energy Symposium
- Radu, S., Codruta, J., Olimpiu, M., dan Oliver, C., 2014, Planetary Gear for Counter-rotating Wind Turbines, *Applied Mechanics and Materials*, vol.658, pp. 135-140.

- Riszal, A., 2017. Analisis Pengaruh Rasio Jarak sebagai Parameter Kinerja Aerodinamika Rotor *Counter Rotating Wind Turbine*. Thesis. Fakultas Teknik, Universitas Gadjah Mada, Yogyakarta.
- R. Z. Muhtadi, M. Agung Bramatya, 2018, Studi Experimental Pengaruh Variasi *Local Pitch* terhadap Daya Listrik yang dihasilkan pada *Counter Rotating Wind Turbine* dengan Generator Tunggal Tanpa *Gearbox*, Progam Studi Magister Teknik Mesin Universitas Gadjah Mada., D.I.Yogyakarta.
- Sathyajith, Mathew. 2006. Wind Energy Fundamentals, Resource Analysis and Economics, Springer-Verlag Berlin Heidelberg, Belanda.
- Shen, W.Z., Zakkam, V.A.K., Sorensen, J.N., dan Appa, K., 2007, Analysis of Counter-Rotating Wind Turbines, *Journal of Physics: Conference Series* 75.