

DAFTAR PUSTAKA

- Abu-El-Yazied, Taher G., Hossam N. Doghiem, Ahmad M. Ali, and Islam M. Hassan. 2014. *Investigation of the Aerodynamic Performance of Darrieus Vertical Axis Wind Turbine*. Vol. ISSN.
- Adzikri, Fikry, Didik Notosudjono, and Dede Suhendi. n.d. *STRATEGI PENGEMBANGAN ENERGI TERBARUKAN DI INDONESIA*.
- Anon. 2008. "Singleton2008."
- Anon. 2013. "Ansys-Fluent-Theory-Guide."
- Atmadi, Sulisty, Ahmad Jamaludin, Fitroh Peneliti, Pusat Teknologi, and Dirgantara Terapan. n.d. *PENGEMBANGAN METODE PARAMETER AWAL ROTOR TURBIN ANGIN SUMBU VERTIKAL TIPE SAVONIUS*.
- Bachtiar, Antonov, and Wahyudi Hayyatul. 2018. "Analisis Potensi Pembangkit Listrik Tenaga Angin PT. Lentera Angin Nusantara (LAN) Ciheras." *Jurnal Teknik Elektro ITP* 7(1):34–45. doi: 10.21063/JTE.2018.3133706.
- Benoit, Christophe, Stéphanie Péron, and Sâam Landier. 2015. "Cassiopee: A CFD Pre- and Post-Processing Tool." *Aerospace Science and Technology* 45:272–83. doi: 10.1016/j.ast.2015.05.023.
- Chaklasiya, S. H., R. R. Saxena, and P. V Ramana. 2018. "Review on Performance Evaluation of Helical Savonius Wind Turbine." 4.
- Dessoky, Amgad, Galih Bangga, Thorsten Lutz, and Ewald Krämer. 2019. "Aerodynamic and Aeroacoustic Performance Assessment of H-Rotor Darrieus VAWT Equipped with Wind-Lens Technology." *Energy* 175:76–97. doi: 10.1016/j.energy.2019.03.066.
- Di, Energi, Indonesia :. Literatur Review, Rosyid Ridlo, Al Hakim, Purwokerto Jawa Tengah, Tim Wakil Sekretaris, Jenderal Riset, Kajian Dem, Indonesia Sekretariat, Kampus Bina, Widya Hr Jl, Km 12 Soebrantas, and Pekanbaru Riau. 2020.

Reinordt, 2024

ANALISIS VARIASI ANGLE PATTERN FARM TERHADAP KINERJA TURBIN ANGIN DARRIEUS TIPE H MENGGUNAKAN METODE CFD

UPN Veteran Jakarta, Fakultas Teknik, Teknik Mesin

[www.upnvj.ac.id – www.library.upnvj.ac.id – www.repository.upnvj.ac.id]

ANDASIH Jurnal Pengabdian Kepada Masyarakat Model Energi Indonesia, Tinjauan Potensi Energy Terbarukan Untuk Ketahanan.

Fadila, Anis, Ilham Zakaria, Muhammad Fauzan, and Jurusan H. Teknik Mesin Politeknik Negeri Semarang Jl Sudarto. 2019. *RANCANG BANGUN TURBIN ANGIN TIPE DARRIEUS TIGA SUDU RANGKAP TIGA DENGAN PROFIL NACA 0006*. Vol. 15.

Ghasemian, Masoud, Z. Najafian Ashrafi, and Ahmad Sedaghat. 2017. “A Review on Computational Fluid Dynamic Simulation Techniques for Darrieus Vertical Axis Wind Turbines.” *Energy Conversion and Management* 149:87–100.

Junaidin Program Studi Teknik Penerbangan Sekolah Tinggi Teknologi Adisutjipto JIJanti Blok-R Lanud Adisutjipto, Buyung. n.d. *PERANCANGAN VERTICAL AXIS WIND TURBINE (VAWT) SKALA KECIL*.

Kamoji, M. A., S. B. Kedare, and S. V. Prabhu. 2009. “Experimental Investigations on Single Stage Modified Savonius Rotor.” *Applied Energy* 86(7–8):1064–73. doi: 10.1016/j.apenergy.2008.09.019.

Lad, Mitaben D., Fabrice Birembaut, Joanna M. Matthew, Richard A. Frazier, and Rebecca J. Green. 2006. “The Adsorbed Conformation of Globular Proteins at the Air/Water Interface.” *Physical Chemistry Chemical Physics* 8(18):2179–86. doi: 10.1039/b515934b.

Li, Chong, Youying Liu, Gang Li, Jianyan Li, Dasheng Zhu, Wenhua Jia, Guo Li, Youran Zhi, and Xinyu Zhai. 2016. “Evaluation of Wind Energy Resource and Wind Turbine Characteristics at Two Locations in China.” *Technology in Society* 47:121–28. doi: 10.1016/j.techsoc.2016.09.003.

Lubis, Abubakar, Peneliti Di, Tekknologi Konversi, Konservasi Energi, Badan Pengkajian, and Penerapan Teknologi. n.d. *ENERGI TERBARUKAN DALAM PEMBANGUNAN BERKELANJUTAN*.

Reinordt, 2024

ANALISIS VARIASI ANGLE PATTERN FARM TERHADAP KINERJA TURBIN ANGIN DARRIEUS TIPE H MENGGUNAKAN METODE CFD

UPN Veteran Jakarta, Fakultas Teknik, Teknik Mesin

[www.upnvj.ac.id – www.library.upnvj.ac.id – www.repository.upnvj.ac.id]

- Raciti Castelli, Marco, Alessandro Englaro, and Ernesto Benini. 2011. "The Darrieus Wind Turbine: Proposal for a New Performance Prediction Model Based on CFD." *Energy* 36(8):4919–34. doi: 10.1016/j.energy.2011.05.036.
- Rahmawaty, Kecil, and Surya Dharma. n.d. *Simulasi Computational Fluid Dynamic (CFD) Pada Turbin Screw Archimedes Skala*.
- Shaheen, Mohammed, and Shaaban Abdallah. 2017. "Efficient Clusters and Patterned Farms for Darrieus Wind Turbines." *Sustainable Energy Technologies and Assessments* 19:125–35. doi: 10.1016/j.seta.2017.01.007.
- Simanjuntak, Josua N., Stanley Tangkuman, and Irfan Rondonuwu. n.d. *SIMULASI PENGARUH JUMLAH DAN PANJANG SUDU TERHADAP DAYA TURBIN ANGIN TIPE POROS HORIZONTAL*.
- Siregar, Indra Herlamba. 2013. *KINERJA TURBIN ANGIN SUMBU VERTIKAL DARRIEUS TIPE-H DUA TINGKAT DENGAN BILAH PROFILE MODIFIED NACA 0018 DENGAN DAN TANPA WIND DEFLECTOR*. Vol. 8.
- Zawawi, M. H., A. Saleha, A. Salwa, N. H. Hassan, N. M. Zahari, M. Z. Ramli, and Z. C. Muda. 2018. "A Review: Fundamentals of Computational Fluid Dynamics (CFD)." in *AIP Conference Proceedings*. Vol. 2030. American Institute of Physics Inc.