

EKSERGI : JURNAL TEKNIK ENERGI**Comparison of Injection Characteristics and Droplet Distribution on Crude Palm Oil and Diesel Using CFD***Teguh Suprianto, Darmansyah, Muhammad Hasbi***Testing the Effect of Variation of Deflector Shapes on the Performance of the Three Blade Vertical Axis Savonius Water Turbine***Rizky Dwi Susilo, Gad Gunawan, Diniar Mungil Kurniawati***Prototype of Monitoring and Controlling System on Gondola Cage Security Based Android Application***Brainvendra Widi Dionova, Devan Junesco Vresdian, Anindya Ananda Hapsari, Sigit Budi Priyono, Ayu Nurul Haryudiniarti, Anggita Nafiulana Tri, Mauludy Manfaluthy, Mohammed N. Abdulrazaq***Feasibility Study of Performance Low Capacity Hybrid Energy Power Plant System in Remote Area***Samsurizal, Hastuti Azis, Septianissa Azzahra, Wahyuni Martiningsih***Numerical Study of Non-Premixed Combustion Characteristics on Supplementary Firing of HRSG***Teguh Hady Ariwibowo, Arrad Ghani Safitra, Muhammad Haidar Fakri, Muhammad Aghist Fitriy***Solar Cell Performance Test against Load Variations***F. Gatot Sumarno, Wahyono, Baktiyar Mei Hermawan, Ahmad Hamim Su'udy, Nur Fatowil Aulia, Ikhwatinah Khoiroh***Performance of Magneto Hydro Dynamic (MHD) as a Power Generation Support Tool***Wiwik Purwati W, Slamet Priyo Atmojo, Margana, Suwarti, Budhi Prasetyo***Reverse Time During Current Relay Performance to Support the Protection System Practicum***Wahyono, F. Gatot S, Wiwik Purwati W., Margana, Suwarti, Ajie Pribadi N***Savonius Turbine Performance Type – S Variation of Rotor Sweep Diameter and Air Gap***Margana, F. Gatot Sumarno, Wiwik Purwati W., Suwarti, Hafidh Fakhri Dzulfikar, Nandhi Lathief Ibrahim, Saskia Wahyuningtyas, Sri Widya Larassanti, Daffa' Naufal Hanif***Analysis of Solar Cell Utilization as an Automated Pump Driver in a Fishpond***Suwarti, Yusuf Dh, Budhi Prasetyo, Margana, Ahmad Hamim Su'udy, Wiwik Purwati W, Supriyo***Design of DC Accumulator Charging using Backup Accumulator Based on Inverter and Converter Device***Parlindungan P. Marpaung***Terindeks:****S5**



Scope of Eksegi:

Original contributions are encouraged in, but not limited to, the following areas:

1. Generation of electric power;
2. Nuclear power issues;
3. Energy planning (planning for generation capacity expansions, hydropower planning, network and transmission planning, reliability);
4. Energy policy and economics (financial and customer markets, regulatory and financial issues);
5. Energy development (solar power, renewable energy, waste-to-energy systems);
6. Energy systems operation (thermal and hydropower operation and optimization, scheduling, load forecasting, demand-side management);
7. Energy efficiency, reducing consumption of or conservation of energy;
8. Energy sustainability as related to energy and power production, distribution, and usage; waste management and environmental issues; and
9. Energy infrastructure issues (power plant safety, security of infrastructure network).



PREFACE

EKSERGI: Journal of Energy Engineering publishes the results of research and scientific studies in the field of energy engineering. Volume 18 Number 2 May 2022 is the second edition published in 2022 and is the first edition in English. Like previous editions, this scientific publication is published in both print and online versions for easy access.

The eleven articles published in this issue were written by researchers from 4 countries. And the article has gone through an assessment or review process by the Editorial Board and expert reviewers from 4 countries. We convey our appreciation and gratitude to expert reviewer, members of the Editorial Board and all personnel involved in the publication of this journal.

Kind regards,

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