

EKSERGI : JURNAL TEKNIK ENERGI



Utilization of Welding Electrode Waste To Purify Biogas From Hydrogen Sulfide Impurities

Timotius Anggit Kristiawan, Nanang Apriandi, Yusuf Dewantoro Herlambang, Trio Setiyawan, Andryana Dwiandara Wibowo

Shell and Tube Heat Exchanger Design: Utilization of Wasted Energy in Air Conditioning Systems

Nanang Apriandi, Yusuf Dewantoro Herlambang, Abdul Syukur Alfauzi, Shun-Ching Lee

Analysis of the Effect of Battery Voltage Drop on Light Intensity on LED and Hologen Type Main Lights in Gentayu UNDIP Electric Cars to Get Good Lighting

Trio Setiyawan, Timotius Anggit Kristiawan

Design and Analysis of Venturi Microbubble Generator Using Computational Fluid Dynamics

Thoharudin, Sunardi, Fitroh Anugrah Kusuma Yudha, Muhammad Nadjib, Arif Setyo Nugroho

Design And Simulation Of Solar Power Generation On Rooftops Towards Clean Technology

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Statistical Process Control And Analytical Hierarchy Process Methods For Reducing Earth Resistance

Wahyono, Nur Fatowil Aulia, Baktiyar Mei Hermawan

Effect of Variations Fuel Heating on Fuel Consumption for the Suzuki SJ410 Engine

Eni Safriana, Muhammad Showi Nailul Ulum, Ragil Tri Indrawati, Farika Tono Putri

Study of Solar Power Plants as an Aerator Driver Based on the Internet of Things(IoT)

Margana, Wahyono, Baktiyar Mei Hermawan, Wiwik Purwati W, Suwanti, Nur Fatowil Aulia, Akhmad Riadzus Solikhin

Characteristics of the Savonius Turbine to Variation Angles

Ahmad Hamim Su'udy, Bayu Sutanto, Budhi Prasetyo, Nur Fatowil Aulia, Mochamad Denny Surindra, Yanuar Mahfudz Safarudin



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 19 Number 02 May 2023 is the second edition published in 2023. 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 3 countries**. And the article has gone through an assessment or review process by the Editorial Board and expert reviewers from 2 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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