

EKSERGI : JURNAL TEKNIK ENERGI



Study of Designing Electrical Energy Plants With Feedback Method From Generator Output

Samsurizal, Andi Makkulau, Miftahul Fikri, Junas Haidi, Hendri Hestiawan

Performance Analysis of Tray Dryer to Reduce the Drying Process Time of Cayenne Pepper

Ampala Khoryanton, Padang Yanuar, Raynaldi Saputro, Supandi

Transformer Oil Quality Monitoring Towards Degradation of Insulation Breakdown Voltage

Lalak Tarbiyatun Nasyin Maleiva, Melly Mulya Ningsih, Eka Kusumawardhani, Leonardus Sandy Ade Putra, Putranty Widha Nugraheni

Comparative Analysis of Windings and Vector Groups in 20/0.4 kV Distribution Transformers at CV. Centrado Prima

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Biogas Desulfurization Using Iron Gram Waste Machining Practicum Process at The Department of Mechanical Engineering, Politeknik Negeri Semarang

Nanang Apriandi, Wiwik Purwati Widyaningsih, Margana, Mochamad Denny Surindra, Supriyo, Nadia Tasya Ayu Luthfiana

CFD Simulation With Ansys Effect Of Twisted Tape Ratio On Nusselt Number and Reynold Number Solar Collector

Singgah Khairun Okba, Ridwan, Iwan Setyawan

Analysis of Earth Resistance Effect on The TT- Grounding System Against Electric Shock

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Energy Audit of Flouresen Lights at School Building c iii Floor Politeknik Negeri Semarang

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Monitoring of iot-based Wind and Solar hybrid Power Plants for Agricultural Irrigation Systems

Budhi Prasetyo, Wiwik Purwati Widyaningsih, Yusuf Dewantoro H, Suwarti Suwarti, JinCherng Shyu

Dual Axis Solar Tracker System Application Based on Arduino Atmega 2560 and Internet of Things (iot) for Submersible Pump Operation

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Case Study of Heat Transfer on Heater Performance of Injection Molding Machines Before and After Maintenance

Mochamad Denny Surindra, Ahmad Hamim Su'udy, Baktiyar Mei Hermawan, Nur Fatowil Aulia, Slamet Priyoatmojo, Franxiscus Gatot Sumarno, Gatot Suwoto

Terindeks:



S5



Scope of Eksergi:

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 3 September 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 2 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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