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Document	Down! PDF	2017 Congreso Internacional de Innovacion Tendencias en Ingenieria (CONIITI)
Sections		Published: 2017
I. Introduction	Abstract: Fossil energy combustion ignites global warming, due to unbalance between emission and absorption of CO2. On the other hand, rice husk the by-	Show Mo
and Methods	product of rice mill is abun View more	
III. Results and	▶ Metadata	
Discussion	ADSTRACT: Fossil energy compustion ignites global warming, due to unbalance between	
IV. Conclusion	emission and absorption of CO2. On the other hand, rice husk the by-product of	
and	rice mill is abundant and waste the environment. It could be renewable energy	
Suggestion	substitutes coal. Rice husk has energy 12,34 MJ/kg to 14 MJ/kg. To consider	
Authors	biomass energy of rice husk, coal parameter is referred. Rice husk as fuel to empower Biomass Steam Power Plant in Ogan Ilir, South Sumatera. Through	
Figures	fuel consumption, parameters: SFC, Heat Rate and Thermal Efficiency can be represented by load in graphs. It has average SFC 1,40 kg/kWh, Heat Rate	
References	4.501 kcal/kWh and Thermal Efficiency 19,12% at 50-100% of load, this range is the efficient load of generator. This Power Plant is the first Power Plant use	
Keywords	rice husk as single fuel in Indonesia. High content of ash in rice husk requires attention in handling and utilization. Global potential of rice husk in Indonesia	
Metrics	with 20% of Rice Production, and 80% collection efficiency to used for biomass power plant is 769,20 MW.	
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	Rice Husk Renewable Energy Fotential in Indone	sia, A Case Sludy Diomass Sleam Fower Flam in	n Ogan Ilir, Sou	in Sumatera IE	EE Conterenc	e Publication IEEE Xplo
	Date Added to IEEE Xplore: 18	PEP53949.2021.9601079				
	November 2021	Publisher: IEEE				
	▼ ISBN Information:	Conference Location: Jakarta,				
	Electronic	Indonesia				
	ISBN:978-1-6654-1641-2					
	Print on Demand(PoD)					
	ISBN:978-1-6654-1642-9					
		Contents				
		Contents				
	Global warming has occurred in re	Global warming has occurred in recent years. However, there is				
	no downward trend, but rather an increase. The emission of					
	greenhouse gases into the atmosphere is the factor. The gases					
	as result of the decomposition rea	as result of the decomposition reaction of organic compounds				
	are greenhouse gases. These gas					
	atmosphere, the concentrations increase by the time. Significant					
	increasement in all of these gases	have occurred in the industrial				
	era: CO ₂ , CH ₄ , N ₂ O [1].					
	Authors		~			
	Figures		~			

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