

## **ECONOMICAL ANALYSIS OF PNEUMATIC SEA WAVE ENERGY CONVERTER FOR MICRO POWER PLANT**

**Student's collage** : Mochammad Yusuf  
**NRP** : 4208 100 046  
**Department** : Marine Engineering  
**Supervisor** : Sutopo Purwono Fitri, ST, M.Eng, Ph.D  
Taufik Fajar Nugroho, ST, MSc

### **Abstract**

*Energy resources can actually produced from renewable energy and non renewable energy. Some background is behind the depletion of fuel, yet uneven distribution of electric energy in remote areas and electricity prices fluctuated on world oil prices. The potential of renewable energy can be obtained through some things, like sea waves. Economical analysis of pneumatic sea wave energy converter for micro power plant very important to do, because basically right now is still not fully covered how to use these waves. In the end, look how economic if the system is built, how much revenue is derived from electric generator when compared to operational and maintenance cost. From the analysis was obtained from 20 year;s of design system the price gained 0,1 USD/kWh, payback period at 9,6 years, more economics for operational cost and \$ 615.822 from NPV*

*Keywords : maintenance cost, operational cost, remote area, renewable energy, revenue*



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