

## **WASTE HEAT RECOVERY FROM INTERNAL COMBUSTION ENGINES : A REVIEW**

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### **Abstract**

The large amount of hot flue gases are generated in the Engine which gets expelled to the atmosphere through exhaust .This leads to the waste of heat which could be recovered and a considerable amount of primary fuel could be saved. Also this would lead to the environmental pollution. The literature survey reviews that exhaust gases from diesel engine having heat potential that can be recovered. This would definitely save the fuels and would help to bridge the gap between demand and supply management. The focus of this study is to review the technologies developed to recover this waste heat in order to improve the performance of the engines and thereby reducing the exhaust emissions. These technologies include Six stroke internal combustion cycles, thermoelectric energy conversion technologies, Rankine bottoming cycle techniques and turbocharger

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