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## ENERGY FROM COMBUSTION OF PADDY HUSK

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Approximately half a million tonnes of paddy husk is being produced in Sri Lanka annually. It is envisaged that this amount will increase with increased paddy production with the implementation of the Mahaweli Development Programme. It

has been found that this agricultural waste can be gainfully utilized as a raw material to produce energy by combustion and by gasification and for the production of cement, silica, cleaning powders, sodium silicate and allied products.

Paddy husk has not been utilized in Sri Lanka for major economic purposes. This paper discusses the possibility of using paddy husk as a source of energy with special emphasis on energy production using fluidized bed combustion.