Abstract

Grim issue of Electricity shortages in most of developing countries leads to explore the potential in renewable and economical sources of energy. Power generation through Waste To Energy (WTE) Plants is an effective way to deal with the problems of MSW management and electricity shortages in densely populated cities of the world. In this paper, capacity estimation of Power generation from Municipal Solid Waste (MSW) of Peshawar city through Solid Waste Fueled Power Plant (SWFPP) is analyzed. For effective estimation of power generation through WTE plant, a detail study about estimation of Municipal Solid Waste of Peshawar city, composition and characteristics of collected waste, appropriate conversion technology; heat generated from it and ultimate power generation is discussed.

References


**Index Terms**

Computer Science  
Information Science
Keywords
Renewable Energy  Waste to Energy  Electricity  Power generation  Pakistan
Power crisis
Municipal Solid Waste Fueled Power Plant.