









New Boiler 6 at Malelane : First Steam Attemperation System in the Sugar Industry

- Coal / Bagasse fired boiler steam temperature varies
- Co-generation requires constant steam temperatures
- Installed steam attemperator to improve coal firing turn/down steam temperatures for power generation
- **X** Extract maximum capacity from installed plant
- X New technology in sugar mills (SA)





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Feasibility Studies



Swaziland

- Evaluation of a national programme for the blending of ethanol derived from sugar cane as an octane enhancer on local blendstocks
- X Value: USD 1 Million



Feasibility Study



Swaziland

A study to evaluate the potential for cogeneration of electric power with the Swazi Electricity Board's (SEB) network to reduce dependence on imported power. The study included recommendations on improving sugar mill energy efficiency to increase bagasse surpluses for this power generation.Client: Govt. of Swaziland / Ministry of Natural Resources and Energy (MNRE) Value: USD 500 000 (USAID, USTDA) Year Started: 1990

Date Submitted: 1992

