

## Steam Balance as a tool for energy concervation in chemical plants

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### Abstrak

Optimal operstion of system has become a part of important step for succesfull business ini chemical industres such as pulp and paper mills. The cost of energy in such mill may contributeup to 18% of manufacturing cost. A steam balance may be used to predict an optimal process condition and to understand operation constraints. Steam balance can be easily developed by any process engineer and simulation can be performed in a common electronic spreadsheet. This paper is aimed as an introduction to prepare a steam balance in spesific plant.