



**Feasibility Report:**

**Power generation feasibility for**

**Naseer paper mills private limited**

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## **EXECUTIVE SUMMARY**

The purpose of this project is to create a feasibility study of alternative energy resources for Nasser Paper Mill. The proposed plan is to develop alternative energy resource for the company so Paper Mill can manage smooth production process. For this purpose, we visited the company and conducted meetings to better understand the company's requirement in order to come up with best possible solution. Primary data is collected through market surveys and interviews of management persons. Secondary data is collected from web sources and economic survey of Pakistan. Furthermore, the study discusses the situation of energy crisis in Pakistan and highlights some of the natural and renewable energy resources. Based on that, the study examines which of the resource is economically feasible and explains their possible application in the context of the company. After having an idea about the type of resource suitable for the Paper Mill, its application process is discussed in detail. Other than that, the study also analyzes the financial feasibility along with the necessary processes needed to perform the operations of the required energy resource.

## **1 INTRODUCTION**

Energy is the most essential element for social and economic development of a country. It is considered to be the backbone of any economy because of its foremost demand in running industries and machinery. A fast increase in the demand of energy has been observed from last few decades as a result of increasing population and industrial development. On other hand a sharp decline in the production of energy as compare to demand can be observed as well. The supply of energy is far less to meet current energy demands of the country. We are facing severe energy crises in our country lately. Energy crises can be defined as “any great bottleneck (or price rise) in the supply of energy resources to an economy”.