

Sector Brief

# COAL



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**Sindh Board of  
Investment**  
Government of Sindh



# INTRODUCTION

Coal is used for power generation of 38 % of world's electricity. In countries like USA, Australia, Germany, China and India is between 50 % to 78 %. Pakistan with its 185 billion tons of coal reserves in Sindh, produces only 50 MW of electricity from coal. In countries like Germany and South Africa coal is also used as vehicular fuel converting it into liquid. Coal gasification provides fuel in gaseous form for electricity generation, industrial and domestic uses.

# MARKET ANALYSIS

Pakistan's energy needs are being met by Hydro-electricity and Thermal power plants on Oil & Gas. The limited gas reserves in the country and their extensive use for domestic purposes, does not allow any expansion in Gas – based thermal power generation. The high cost of imported oil leads to increasing cost of production of Pakistani industries. The seasonal fluctuations in water flows makes hydro-electricity highly unreliable and is the primary reason for power shortages in low-river-flow seasons.

The only way out of the present energy crisis in Pakistan, is to quicken the pace of coal-based power projects. The Governments of Pakistan and Sindh being cognizant of this fact have created Tar Coal Energy Board to provide one-window to investors in coal-based power projects.

# INVESTMENT OPPORTUNITIES

This attractive sector has brought the following projects in various areas of Sindh:

S#	Name of Project	Coalfield	Power Generation
1	Sindh Engro Coal Mining Compan	Thar	2400 MW
2	Oracle Mining of U.K.	Thar	300 MW
3	Cougar Energy of Australia	Thar	400 MW
4	Sindh Government's Gasification Project	Thar	100 MW
5	Al-Abbas Power Generation Co.	Badin	300 MW
6	CMC of China	Sonda	400 MW

These projects would only be a beginning to a series of expected project to meet the growing demand of the Country as well as the region.

Imported coal is also being used in cement and sugar plants of the country, which can easily be substituted by appropriate technology, using local coal.

Coal sector in other coal fields such a Lakhra and Jhampir is running on trational mines. There is a great deal of opportunities in:

- i) Mechanized Mining
- ii) Coal Washing
- iii) Small to Large power Generation Units
- iv) Underground Coal Gasification.





## **Sindh Board of Investment**

is the primary investment promotion agency of the Province positioning Sindh as an attractive destination for investment.

SBI strives to find new avenues for public private collaboration, develop investment opportunities for large, medium and small investors and facilitate investment projects.

# IMPORTANT CONTACTS

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