

Japan Coal Development Co.,Ltd.

OUTLINE OF THE COMPANY

Japan Coal Development Co.,Ltd. (JCD) was established 23 January 1980 by the following ten major electric power companies which together supply nearly all of Japan's electric power.

Capital

Authorized Stock	¥6,000,000,000
Paid-up Capital	¥5,200,000,000

Shareholders

	%
Hokkaido Electric Power Co.,Inc.	5.90
Tohoku Electric Power Co.,Inc.	9.16
Tepco Fuel & Power,Inc.	21.87
Chubu Electric Power Co.,Inc.	12.32
Hokuriku Electric Power Co.,Inc.	5.68
The Kansai Electric Power Co.,Inc.	14.48
The Chugoku Electric Power Co.,Inc.	7.74
Shikoku Electric Power Co.,Inc.	6.12
Kyushu Electric Power Co.Inc.	9.13
Electric Power Development Co.,Ltd.	7.60
Total	100.00

JCD Company Objectives

1. Surveying, prospecting, development, importing and distribution of overseas thermal coal.
2. Transportation of thermal coal, and establishment and administration of coal stockpiles & distribution centers.
3. All operations incidental to or associated with the activities specified above.

MEMBERS OF BOARD OF DIRECTORS

Japan Coal Development Co.,Ltd.

President	Tomoyuki Takao
Directors	Takashi Komura
	Shinichiro Nagai
	Yoshio Esaki
	Genichi Saito
	Katsuaki Fujikura
	Hirofumi Nishimura
	Tetsuya Watabe
	Yoshiaki Murata
	Naoto Matsumura
	Seishi Okada
	Yoshihisa Nakajo
	Hiroyuki Tsunetomi
Auditor & Supervisory Board Member	Koki Tada

JCD Australia Pty Ltd (Subsidiary)

Managing Director	Arata Iwaba
Director (JCD-based Director)	Takashi Komura
Director (JCD-based Director)	Shinichiro Nagai
Director/ Company Secretary	Keita Nagai

SUMMARY OF ACTIVITIES

1. Participation in Coal Mine Development

Since 1982 JCD, through its wholly owned subsidiary company, JCD Australia Pty Ltd (JCDA), has jointly participated with Electric Power Development Co., Ltd in the Blair Athol Coal Project to develop the **Blair Athol Coal Mine**, Queensland, Australia (JCDA holdings 3.4167%).

The Blair Athol Coal Mine, which commenced production in 1984, has produced approximately 10-12 million tonnes of thermal coal annually, and has contributed to stable procurement of overseas thermal coal in Japanese electric power companies before closing in November 2012.

JCD divested all of its interest in the Blair Athol Coal Mine with other JV participants in May 2017.

JCD participates through JCDA in the Clermont Coal Project (JCDA holdings 3.5 %) to develop the **Clermont Coal Mine**, Queensland, Australia and to import coal produced from the mine.

The Clermont Coal Mine, which started production in 2010, produced approximately 12 million tonnes of thermal coal annually in 2016.

JCD supplies approximately 2 million tonnes of Clermont Coal to Japanese electric power companies annually.

investment and in coal infrastructure including rail and ports.

2. Investment in Foreign Infrastructure

In 1982 JCD invested in the Kooragang Coal Loader Ltd (KCL) operating at the Port of Newcastle, NSW, Australia representing the Japanese electric power industry to facilitate the improvement of infrastructure in Australia (7% shareholding).

In June 1990, KCL and the Port Waratah Coal Services Ltd (PWCS) merged. As a result, JCD is now a 4.104% shareholder of PWCS, which has one of the world's largest coal loading facilities.

The annual capacity of PWCS is 145 million tonnes at present, and 109.46 million tonnes of coal was loaded in CY 2016.

3. Investment in Domestic Infrastructure

JCD also invested in Tomatoh Coal Centre Co. Inc. in Atsuma town, Hokkaido in 1982 (10% shareholding).

Since the start of full-scale operations in January 1985, the Tomatoh Coal Centre Co. Inc. has continued to function smoothly as a distribution centre for overseas coal imported by the electric power industry and others. The throughput reached 3.53 million tonnes in FY 2016.

4. New Business

In the interests of securing stable supply of thermal coal to Japanese electric power utilities (our shareholders), JCD is seeking new business opportunities in thermal coal mine