

PROJECT PROFILES

Investment in **POWER ASSETS**



POWER ASSETS HOLDINGS LIMITED **HONG KONG**

Power Assets Holdings Limited is a global investor in power and utility-related businesses with investments in electricity generation, transmission and distribution, renewable energy, gas distribution and energy-from-waste

HK OPERATIONS

Business

Owens 49.9% HKEI which supplies electricity to Hong Kong Island and Lamma Island

Installed capacity

3,737 MW

Consumer coverage

More than 569,000 customers

OPERATIONS OUTSIDE HK

Business

Power Assets has also established a strong global presence with investments in the United Kingdom, Australia, New Zealand, the Netherlands, Mainland China, Canada and Thailand, bringing sustainable energy and lighting up the lives of millions around the world

CKI's shareholding

38.87%

Infrastructure Investment in **UNITED KINGDOM**



UK POWER NETWORKS HOLDINGS LIMITED **THE UNITED KINGDOM**

Business

One of UK's largest power distributors comprises three regional networks with a distribution area that covers London, South East England and the East of England; and non-regulated business comprising commercial contracts to distribute electricity to a number of privately owned sites

Network length

Underground – 138,000 km

Overhead – 46,000 km

Consumer coverage

Approximately 8 million customers

CKI's shareholding

40% (another 40% held by Power Assets)



NORTHUMBRIAN WATER GROUP LIMITED **THE UNITED KINGDOM**

Business

One of the ten regulated water and sewerage companies in England and Wales. It supplies water and sewerage services in the North East of England and supplies water services to the South East of England

Network length

Water mains – Approximately 26,000 km

Sewers – About 30,000 km

Water treatment works – 64

Sewage treatment works – 437

Water service reservoirs – 354

Consumer coverage

Serves a total population of 4.5 million

CKI's shareholding

40%

PROJECT PROFILES

Infrastructure Investment in **UNITED KINGDOM** (CONT'D)



NORTHERN GAS NETWORKS LIMITED *THE UNITED KINGDOM*

Business

One of the eight major gas distribution networks in Great Britain

Natural gas distribution network

37,000 km

Consumer coverage

Serves a total population of around 6.7 million

CKI's shareholding

47.1% (another 41.3% held by Power Assets)



SEABANK POWER LIMITED *BRISTOL, THE UNITED KINGDOM*

Business

Owns and operates Seabank Power Station near Bristol. The electricity is sold under a long-term contract to SSE Energy Supply Ltd.

Consumer coverage

Approximately 1,140 MW

CKI's shareholding

25% (another 25% held by Power Assets)



WALES & WEST GAS NETWORKS (HOLDINGS) LIMITED *THE UNITED KINGDOM*

Business

A gas distribution network that serves Wales and the South West of England

Natural gas distribution network

35,000 km

Consumer coverage

Serves a total population of 7.5 million

CKI's shareholding

30% (another 30% held by Power Assets)



SOUTHERN WATER SERVICES LIMITED *THE UNITED KINGDOM*

Business

Supplies water and waste water services to the South East of England

Length of mains/sewers

Water mains – 13,700 km

Length of sewers – 39,600 km

Consumer coverage

Water – Serves a population of 2.4 million

Recycles wastewater – Serves a population of 4.5 million

CKI's shareholding

4.75%

Infrastructure Investment in **AUSTRALIA**



SA POWER NETWORKS *SOUTH AUSTRALIA, AUSTRALIA*

Business

Primary electricity distribution business for the state of South Australia

Electricity distribution network

More than 88,000 km

Consumer coverage

Approximately 847,000 customers

CKI's shareholding

23.07% (another 27.93% held by Power Assets)



CITIPOWER I PTY LTD. *VICTORIA, AUSTRALIA*

Business

Operates the electricity distribution network in the CBD and inner suburban areas of Melbourne, Victoria

Electricity distribution network

Approximately 7,400 km

Consumer coverage

Approximately 340,000 customers

CKI's shareholding

23.07% (another 27.93% held by Power Assets)



POWERCOR AUSTRALIA LIMITED *VICTORIA, AUSTRALIA*

Business

Operates a major electricity distribution network, covering an area of 150,000 sq km in the state of Victoria

Electricity distribution network

Approximately 84,000 km

Consumer coverage

Approximately 760,000 customers

CKI's shareholding

23.07% (another 27.93% held by Power Assets)



AUSTRALIAN GAS NETWORKS LIMITED *AUSTRALIA*

Business

One of Australia's largest distributors of natural gas

Natural gas distribution network

About 23,000 km

Consumer coverage

Approximately 1.2 million customers

CKI's shareholding

Approximately 45% (another 27.5% held by Power Assets)

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Infrastructure Investment in **AUSTRALIA** (CONT'D)



TRANSMISSION OPERATIONS (AUSTRALIA) PTY LTD *VICTORIA, AUSTRALIA*

Business

To operate a transmission link which transports renewable energy from the wind farm to Victoria's power grid

Electricity transmission network

21 km

CKI's shareholding

50% (another 50% held by Power Assets)

Infrastructure Investment in **NEW ZEALAND**



WELLINGTON ELECTRICITY LINES LIMITED *WELLINGTON, NEW ZEALAND*

Business

Operates the electricity distribution network in New Zealand's capital city, Wellington, and the surrounding greater Wellington area

Electricity distribution network

Over 4,600 km

Consumer coverage

About 165,000 customers

CKI's shareholding

50% (another 50% held by Power Assets)



SPARK INFRASTRUCTURE GROUP *AUSTRALIA*

Business

An infrastructure company listed in Australia with seed assets being a 49% stake in each of SA Power Networks, Powercor and CitiPower

CKI's shareholding

Approximately 7.7%



ENVIRO WASTE SERVICES LIMITED *NEW ZEALAND*

Business

A diversified, vertically integrated waste management business that has national coverage in New Zealand

Facilities

A network of collection facilities at 18 locations nationwide, 14 transfer stations, 3 landfills and a fleet of over 290 vehicles

Consumer coverage

More than 500,000 commercial and residential customers

CKI's shareholding

100%

Infrastructure Investment in **NETHERLANDS**



DUTCH ENVIRO ENERGY HOLDINGS B.V. **THE NETHERLANDS**

Business

Owns the largest energy-from-waste player in the Netherlands, AVR, which operates 5 waste treatment plants in Rozenburg and Duiven; as well as 4 transfer stations

Capacity (plants)

Energy from Waste – 1,700 kilo tonnes per year

Biomass Energy – 140 kilo tonnes per year

Liquid Waste – 270 kilo tonnes per year

Paper Residue Incineration – 160 kilo tonnes per year

Capacity (transfer stations)

1,000 kilo tonnes per year

CKI's shareholding

35% (another 20% held by Power Assets)

Infrastructure Investment in **CANADA**



CANADIAN POWER HOLDINGS INC. **CANADA**

Business

Owns 49.99% share of TransAlta Cogeneration, L.P. which operates five power plants in the provinces of Ontario and Alberta as well as 100% of the Meridian Cogeneration Plant in Saskatchewan

Generation capacity

Six power plants with total gross capacity of 1,362 MW

CKI's shareholding

50% (another 50% held by Power Assets)



PARK'N FLY **CANADA**

Business

The largest off-airport car park provider in Canada and the only national operator. The company provides parking facilities in Toronto, Vancouver, Montreal, Edmonton and Ottawa

CKI's shareholding

50%

PROJECT PROFILES

Infrastructure Investment in MAINLAND CHINA



SHEN-SHAN HIGHWAY (EASTERN SECTION) GUANGDONG, CHINA

Location Lufeng/Shantou, Guangdong Province	Joint venture expiry date 2028
Road type Expressway	Total project cost HK\$2,619 million
Length 140 km	CKI's investment HK\$877 million
No. of lanes Dual two-lane	CKI's interest in JV 33.5%
Joint venture contract date 1993	



TANGSHAN TANGLE ROAD HEBEI, CHINA

Location Tangshan, Hebei Province	Joint venture expiry date 2019
Road type Class 2 highway	Total project cost HK\$187 million
Length 100 km	CKI's investment HK\$95 million
No. of lanes Dual one-lane	CKI's interest in JV 51%
Joint venture contract date 1997	



SHANTOU BAY BRIDGE GUANGDONG, CHINA

Location Shantou, Guangdong Province	Joint venture expiry date 2028
Road type Bridge	Total project cost HK\$665 million
Length 6 km	CKI's investment HK\$200 million
No. of lanes Dual three-lane	CKI's interest in JV 30%
Joint venture contract date 1993	



CHANGSHA WUJIALING AND WUYILU BRIDGES HUNAN, CHINA

Location Changsha, Hunan Province	Joint venture expiry date 2022
Road type Bridge	Total project cost HK\$465 million
Length 5 km	CKI's investment HK\$206 million
No. of lanes Dual two-lane	CKI's interest in JV 44.2%
Joint venture contract date 1997	



JIANGMEN CHAOLIAN BRIDGE GUANGDONG, CHINA

Location	Jiangmen, Guangdong Province	Joint venture expiry date	2027
Road type	Bridge	Total project cost	HK\$130 million
Length	2 km	CKI's investment	HK\$65 million
No. of lanes	Dual two-lane	CKI's interest in JV	50%
Joint venture contract date	1997		



PANYU BEIDOU BRIDGE GUANGDONG, CHINA

Location	Panyu, Guangdong Province	Joint venture expiry date	2024
Road type	Bridge	Total project cost	HK\$164 million
Length	3 km	CKI's investment	HK\$66 million
No. of lanes	Dual three-lane	CKI's interest in JV	40%
Joint venture contract date	1999		



JIANGMEN JIANGSHA HIGHWAY GUANGDONG, CHINA

Location	Jiangmen, Guangdong Province	Joint venture expiry date	2026
Road type	Class 1 highway	Total project cost	HK\$207 million
Length	21 km	CKI's investment	HK\$103 million
No. of lanes	Dual two-lane	CKI's interest in JV	50%
Joint venture contract date	1996		

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Investment in **INFRASTRUCTURE RELATED BUSINESS**



ALLIANCE CONSTRUCTION MATERIALS LIMITED **HONG KONG**

CONCRETE DIVISION

Business

Hong Kong's largest concrete producer

Total capacity

4 million cubic meters per annum

CKI's interest

50%

QUARRY DIVISION

Business

2 quarries in Hong Kong and 1 quarry in China, with sole distribution rights for another quarry in China for sales into Hong Kong

Total capacity (aggregates)

6 million tonnes per annum

CKI's interest

50%



ANDERSON ASPHALT LIMITED **HONG KONG**

Business

Hong Kong's largest asphalt producer, pavement contractor and recycler

Total capacity

Asphalt – 1 million tonnes per annum

Recycling – 0.5 million tonnes per annum

CKI's interest

100%



GREEN ISLAND CEMENT COMPANY, LIMITED **HONG KONG**

Business

The only fully integrated cement producer in Hong Kong

Total capacity

Clinker – 1.5 million tonnes per annum

Cement grinding – 2.5 million tonnes per annum

CKI's interest

100%



GREEN ISLAND CEMENT (YUNFU) COMPANY LIMITED **GUANGDONG, CHINA**

Location

Yunfu, Guangdong Province

Total capacity

Clinker – 1.5 million tonnes per annum

Cement grinding – 1.3 million tonnes per annum

Operational status

Fully operational during the 4th quarter of 2013

CKI's interest

100%



**GUANGDONG GITIC GREEN ISLAND
CEMENT CO. LTD.**
GUANGDONG, CHINA

Location

Yunfu, Guangdong Province

Business

Cement production

Total capacity

Clinker – 0.8 million tonnes per annum

Cement grinding – 1.5 million tonnes per annum

CKI's interest

67%



SIQUIJOR LIMESTONE QUARRY
PHILIPPINES

Location

Siquijor, Philippines

Business

Limestone quarry

Total capacity

2 million tonnes per annum

CKI's interest

40%