

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 33.37% HKEI which supplies electricity to Hong Kong Island and Lamma Island

Installed capacity

3,237 MW

Consumer coverage

More than 570,000 customers

OPERATIONS OUTSIDE HK

Business

Established a strong global presence with investments in the United Kingdom, Australia, New Zealand, Mainland China, the United States, Canada, Thailand, the Netherlands and Portugal, bringing sustainable energy and lighting up the lives of millions around the world

CKI's ownership

35.96%

Infrastructure Investments in

UNITED KINGDOM

UK POWER NETWORKS HOLDINGS LIMITED

THE UNITED KINGDOM



Business

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

Network length

Approximately 190,000 km

Consumer coverage

Approximately 8.25 million customers

CKI's ownership

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 ownership

40%

PROJECT PROFILES

Infrastructure Investments 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

Approximately 37,000 km

Consumer coverage

Serves a total population of around 6.7 million

CKI's ownership

47.1% (another 41.3% 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 ownership

30% (another 30% 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.

Generation capacity

Approximately 1,150 MW

CKI's ownership

25% (another 25% 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 2.4 million

CKI's ownership

4.75%

UK RAILS GROUP

THE UNITED KINGDOM



Business

One of the three major rolling stock operation companies in the United Kingdom. It leases a diverse range of rolling stock on long term contracts

CKI's ownership

50%

Infrastructure Investments in **AUSTRALIA**

SA POWER NETWORKS

SOUTH AUSTRALIA, AUSTRALIA



Business

Primary electricity distribution business for the state of South Australia

Electricity distribution network

Approximately 178,000 km

Consumer coverage

Approximately 870,000 customers

CKI's ownership

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

Over 790,000 customers

CKI's ownership

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

Over 330,000 customers

CKI's ownership

23.07% (another 27.93% held by Power Assets)

UNITED ENERGY LIMITED

AUSTRALIA



Business

Operates a major electricity distribution network in the state of Victoria

Electricity distribution network

Approximately 13,000 km

CKI's ownership

26.4% (another 13.2% held by Power Assets)

AUSTRALIAN GAS NETWORKS LIMITED

AUSTRALIA



Business

One of Australia's largest distributors of natural gas

Natural gas distribution network

About 24,000 km

Consumer coverage

Approximately 1.3 million customers

CKI's ownership

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

PROJECT PROFILES

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

DAMPIER BUNBURY PIPELINE

AUSTRALIA



Business

Natural gas transmission pipeline connecting the Carnarvon/Browse Basins with Perth

Natural gas pipeline

About 3,080 km

CKI's ownership

40% (another 20% held by Power Assets)

MULTINET GAS LIMITED

AUSTRALIA



Business

Operates a gas distribution network in the state of Victoria

Natural gas distribution network

Approximately 9,866 km

Consumer coverage

Around 700,000 customers

CKI's ownership

40% (another 20% held by Power Assets)

ENERGY DEVELOPMENTS PTY LIMITED

AUSTRALIA



Business

Owns and operates a portfolio of power generation facilities in Australia, North America and Europe, specialising in producing electricity from safe, clean, low greenhouse gas emissions sources such as landfill gas, waste coal mine gas, wind, and solar; and providing energy solutions in remote regions

Generation capacity

Over 990 MW

CKI's ownership

40% (another 20% held by Power Assets)

AUSTRALIAN ENERGY OPERATIONS PTY LTD.

VICTORIA, AUSTRALIA



Business

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

Electricity transmission network

42 km

CKI's ownership

50% (another 50% held by Power Assets)

Infrastructure Investments 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

About 4,700 km

Consumer coverage

Approximately 167,000 customers

CKI's ownership

50% (another 50% held by Power Assets)

ENVIRO (NZ) 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 ownership

100%

Infrastructure Investments in **CONTINENTAL EUROPE**

ISTA

GERMANY



Business

One of the world's leading fully integrated energy management services providers with strong market positions in European countries such as Germany, Denmark, the Netherlands, France, Italy and Spain

Consumer coverage

Covering over 12 million homes

CKI's ownership

35%

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 – 2,300 kilotonnes per year
Biomass Energy – 140 kilotonnes per year
Liquid Waste – 270 kilotonnes per year
Paper Residue Incineration – 160 kilotonnes per year

Capacity (transfer stations)

1,000 kilotonnes per year

CKI's ownership

35% (another 20% held by Power Assets)

PROJECT PROFILES

Infrastructure Investments in

CONTINENTAL EUROPE (CONT'D)

PORTUGAL RENEWABLE ENERGY

PORTUGAL



Business

One of the largest wind energy companies in Portugal

Generation capacity

About 730 MW

CKI's ownership

50% (another 50% held by Power Assets)

Infrastructure Investments in

CANADA

RELIANCE HOME COMFORT

CANADA



Business

Principally engaged in the building equipment services sector providing rental water heaters, rental HVAC equipment, comfort protection plans and other services to homeowners primarily in Ontario, Canada

Consumer coverage

Over 1.7 million customers

CKI's ownership

25%

CANADIAN MIDSTREAM ASSETS

CANADA



Business

This business comprises oil pipelines, storage facilities and ancillary assets in Canada

Length of oil pipeline

2,200 km

Storage facilities

2

CKI's ownership

16.25% (another 48.75% held by Power Assets)

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 1,368 MW

CKI's ownership

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, Ottawa, Halifax and Winnipeg

CKI's ownership

50%

SHEN-SHAN HIGHWAY (EASTERN SECTION)

GUANGDONG, CHINA



Location
Lufeng/Shantou, Guangdong Province

Road type
Expressway

Length
140 km

No. of lanes
Dual two-lane

Joint venture contract date
1993

Joint venture expiry date
2028

Total project cost
HK\$2,619 million

CKI's investment
HK\$877 million

CKI's interest in JV
33.5%

SHANTOU BAY BRIDGE

GUANGDONG, CHINA



Location
Shantou, Guangdong Province

Road type
Bridge

Length
6 km

No. of lanes
Dual three-lane

Joint venture contract date
1993

Joint venture expiry date
2028

Total project cost
HK\$665 million

CKI's investment
HK\$200 million

CKI's interest in JV
30%

TANGSHAN TANGLE ROAD

HEBEI, CHINA



Location
Tangshan, Hebei Province

Road type
Class 2 highway

Length
100 km

No. of lanes
Dual one-lane

Joint venture contract date
1997

Joint venture expiry date
2019

Total project cost
HK\$187 million

CKI's investment
HK\$95 million

CKI's interest in JV
51%

CHANGSHA WUJIALING AND WUYILU BRIDGES

HUNAN, CHINA



Location
Changsha, Hunan Province

Road type
Bridge

Length
5 km

No. of lanes
Dual two-lane

Joint venture contract date
1997

Joint venture expiry date
2022

Total project cost
HK\$465 million

CKI's investment
HK\$206 million

CKI's interest in JV
44.2%

PROJECT PROFILES

Infrastructure Investments in

HONG KONG AND MAINLAND CHINA (CONT'D)

JIANGMEN CHAOLIAN BRIDGE

GUANGDONG, CHINA



Location
Jiangmen, Guangdong Province

Road type
Bridge

Length
2 km

No. of lanes
Dual two-lane

Joint venture contract date
1997

Joint venture expiry date
2027

Total project cost
HK\$130 million

CKI's investment
HK\$65 million

CKI's interest in JV
50%

PANYU BEIDOU BRIDGE

GUANGDONG, CHINA



Location
Panyu, Guangdong Province

Road type
Bridge

Length
3 km

No. of lanes
Dual three-lane

Joint venture contract date
1999

Joint venture expiry date
2024

Total project cost
HK\$164 million

CKI's investment
HK\$66 million

CKI's interest in JV
40%

ALLIANCE CONSTRUCTION MATERIALS LIMITED

HONG KONG



CONCRETE DIVISION

Business
Hong Kong's largest concrete producer

Total capacity
4 million cubic meters per year

CKI's ownership
50%

QUARRY DIVISION

Business
1 quarry in China and the exclusive distribution rights for another quarry in China for sales of concrete aggregates in Hong Kong

Total capacity (aggregates)
6 million tonnes per year

CKI's ownership
50%

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 year
Cement grinding – 2.5 million tonnes per year

CKI's ownership
100%

GREEN ISLAND CEMENT (YUNFU) COMPANY LIMITED

GUANGDONG, CHINA



Location
Yunfu, Guangdong Province

Business
Cement production

Total capacity
Clinker – 2 million tonnes per year
Cement grinding – 1.5 million tonnes per year

CKI's ownership
100%

GUANGDONG GITIC GREEN ISLAND CEMENT CO. LTD.

GUANGDONG, CHINA



Location
Yunfu, Guangdong Province

Business
Cement production

Total capacity
Clinker – 1 million tonnes per year
Cement grinding – 1.5 million tonnes per year

CKI's ownership
67%

YUNFU XIANGLI CEMENT COMPANY LIMITED

GUANGDONG, CHINA



Location
Yunfu, Guangdong Province

Business
Cement Production
Jetty

Total capacity
Cement grinding – 1 million tonnes per year
Jetty – Three berths with an annual throughput capacity reaching 3 million tonnes

CKI's ownership
100%