

# 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

Owns 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

##### Electricity distribution 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

##### Length of mains/sewers

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%

##### Additional economic benefits

CKI 12%; Power Assets 8%

# 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 length**

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 length**

35,000 km

**Consumer coverage**

Serves a total population of 7.5 million

**CKI's ownership**

30%

(another 30% held by Power Assets)

**Additional economic benefits**

CKI 9%; Power Assets 6%



### **SEABANK POWER LIMITED** BRISTOL, THE UNITED KINGDOM

**Business**

Owens 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%

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



**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%

**Additional economic benefits**

CKI 15%; Power Assets 10%

Infrastructure Investments in  
**AUSTRALIA**



**SA POWER NETWORKS**  
 SOUTH AUSTRALIA, AUSTRALIA

**Business**

Primary electricity distribution business for the state of South Australia

**Electricity distribution network length**

Approximately 89,000 km

**Consumer coverage**

Approximately 887,000 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 length**

Approximately 88,000 km

**Consumer coverage**

Around 830,000 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 length**

Approximately 7,500 km

**Consumer coverage**

Around 330,000 customers

**CKI's ownership**

23.07%

(another 27.93% held by Power Assets)



# PROJECT PROFILES

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



### **UNITED ENERGY LIMITED** AUSTRALIA

**Business**

Operates a major electricity distribution network in the state of Victoria

**Electricity distribution network length**

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 length**

Approximately 25,000 km

**Consumer coverage**

Approximately 1.3 million customers

**CKI's ownership**

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

**Additional economic benefits**

CKI 8.25%; Power Assets 5.5%



### **DAMPIER BUNBURY PIPELINE** AUSTRALIA

**Business**

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

**Natural gas pipeline length**

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 length**

Approximately 9,866 km

**Consumer coverage**

Approximately 700,000 customers

**CKI's ownership**

40%  
(another 20% held by Power Assets)

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



### **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 1,000 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

#### **CKI's ownership**

50%  
(another 50% held by Power Assets)

#### **Electricity transmission network length**

42 km

## 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

#### **Consumer coverage**

Approximately 168,000 customers

#### **CKI's ownership**

50%  
(another 50% held by Power Assets)

#### **Electricity distribution network length**

About 4,700 km



### **ENVIRO (NZ) LIMITED** NEW ZEALAND

#### **Business**

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

#### **Consumer coverage**

More than 500,000 commercial and residential customers

#### **Facilities**

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

#### **CKI's ownership**

100%

## PROJECT PROFILES

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 13 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)

##### Additional economic benefits

CKI 10.5%; Power Assets 7%



#### 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 1.9 million customers

##### CKI's ownership

25%



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



**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 four power plants in the provinces of Ontario and Alberta as well as 100% of the Meridian Cogeneration Plant in Saskatchewan

**Generation capacity**

Five power plants with total gross capacity of 1,274 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%

**Additional economic benefits**

CKI 15%; Power Assets 10%

Infrastructure Investments in  
**HONG KONG AND MAINLAND CHINA**



**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%

# PROJECT PROFILES

Infrastructure Investments in

## HONG KONG AND MAINLAND CHINA (CONT'D)



### 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%



### 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%