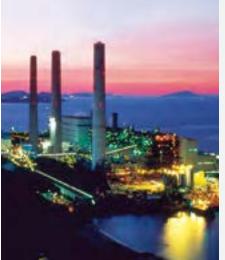
# Investment in **POWER ASSETS**



# **POWER ASSETS**

### 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 3,617 MW

**Consumer coverage** More than 580,000 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 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 8.3 million customers

CKI's ownership 40% (another 40% held by Power Assets)





# NORTHUMBRIAN WATER 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 – 53 Sewage treatment works – 410 Water service reservoirs – 341

#### **Consumer coverage**

Serves a total population of 4.5 million

40%

Additional economic benefits CKI 12%; Power Assets 8%

# Infrastructure Investments in UNITED KINGDOM (CONT'D)

### NORTHERN GAS NETWORKS 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 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 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 1,140 MW CKI's ownership 25% (another 25% held by Power Assets)





# **UK RAILS** 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 88,000 km

#### Consumer coverage Approximately 900,000 customers CKI's ownership 23.07% (another 27.93% held by Power Assets)





# **POWERCOR** 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 844,000 customers

**CKI's ownership** 23.07% (another 27.93% held by Power Assets)

## CITIPOWER 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 332,000 customers CKI's ownership 23.07% (another 27.93% held by Power Assets)





## UNITED ENERGY AUSTRALIA

Business Operates a major electricity distribution network in the state of Victoria Electricity distribution network length Approximately 13,000 km Consumer Coverage More than 700,000 customers CKI's ownership 26.4% (another 13.2% held by Power Assets)

# Infrastructure Investments in AUSTRALIA (CONT'D)



## **AUSTRALIAN GAS NETWORKS** AUSTRALIA

**Business** One of Australia's largest distributors of Approximately 1.3 million customers natural gas

Natural gas distribution network length Approximately 25,000 km

**Consumer coverage** 

**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 40% connecting the Carnarvon/Browse (another 20% held by Power Assets) Basins with Perth

Natural gas pipeline length About 3,300 km

**CKI's ownership** 





## **MULTINET GAS** AUSTRALIA

#### **Business**

Operates a gas distribution network in the state of Victoria

Natural gas distribution network length Approximately 10,000 km

**Consumer coverage** Approximately 720,000 customers **CKI's ownership** 40% (another 20% held by Power Assets)

## **ENERGY DEVELOPMENTS AUSTRALIA**

#### **Business**

Owns and operates a portfolio of power generation facilities in Australia, North America and the United Kingdom, specialising in producing electricity from safe, clean, zero greenhouse gas emissions sources such as wind and solar, or landfill gas and waste coal mine gas

**Generation capacity** Over 1,100 MW **CKI's ownership** 

40% (another 20% held by Power Assets)



# Infrastructure Investments in AUSTRALIA (CONT'D)

# AUSTRALIAN ENERGY OPERATIONS

VICTORIA, AUSTRALIA

#### **Business**

Owns and operates electricity transmission assets and terminal stations, specialised in the connection of renewable energy generators to Victoria's power grid

#### Electricity transmission network length 42 km CKI's ownership 50% (another 50% held by Power Assets)



# Infrastructure Investments in **NEW ZEALAND**



## WELLINGTON ELECTRICITY 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 length About 4,700 km Consumer coverage Approximately 171,000 customers CKI's ownership 50% (another 50% held by Power Assets)

# ENVIRO (NZ) 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, 26 transfer stations, 8 landfills and a fleet of over 588 vehicles Consumer coverage

More than 500,000 commercial and residential customers **CKI's ownership** 

100%



# Infrastructure Investments in CONTINENTAL EUROPE

### **ISTA** GERMANY

#### **Business**

A leading international provider of sub-metering and related services with strong market positions in European countries such as Germany, France, Denmark and the Netherlands

#### **Consumer coverage**

Covering over 13 million homes CKI's ownership 35%





# **DUTCH ENVIRO ENERGY** 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 – 150 kilotonnes per year Liquid Waste – 280 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%

# Infrastructure Investments in CANADA

### RELIANCE HOME COMFORT CANADA

#### **Business**

Principally engaged in the home and commercial services sector providing the sale and rental of water heaters, 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 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 1,284 MW

**CKI's ownership** 50% (another 50% held by Power Assets)

#### PARK'N FLY CANADA

#### **Business**

The leading 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%

# Infrastructure Investments in HONG KONG AND MAINLAND CHINA (CONT'D)

### SHANTOU BAY BRIDGE GUANGDONG, CHINA

#### GONNODON

Location Shantou, Guangdong Province Road type

Bridge

Length 6 km

No. of lanes

Dual three-lane
Joint venture contract date

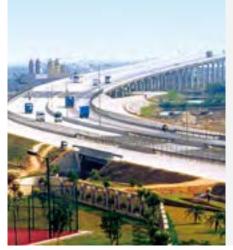
1993

#### Joint venture expiry date 2028 Total project cost

HK\$665 million

CKI's investment HK\$200 million CKI's interest in JV 30%





## 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 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 central-east Guangdong Province, China and the exclusive distribution rights for another quarry in south central Guangdong province, China for sales of aggregates products in Hong Kong

**Total capacity (aggregates)** 6 million tonnes per year **CKI's ownership** 50%



# Infrastructure Investments in HONG KONG AND MAINLAND CHINA (CONT'D)

# GREEN ISLAND CEMENT

## 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)** 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 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 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%