# 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**

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**

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%
<table>
<thead>
<tr>
<th>Company Name</th>
<th>Country</th>
<th>Business Description</th>
<th>Consumer coverage</th>
<th>CKI's ownership</th>
<th>Additional economic benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NORTHERN GAS NETWORKS LIMITED</td>
<td>THE UNITED KINGDOM</td>
<td>One of the eight major gas distribution networks in Great Britain</td>
<td>Serves a total population of around 6.7 million</td>
<td>47.1%</td>
<td>(another 41.3% held by Power Assets)</td>
</tr>
<tr>
<td>WALES &amp; WEST GAS NETWORKS (HOLDINGS) LIMITED</td>
<td>THE UNITED KINGDOM</td>
<td>A gas distribution network that serves Wales and the south west of England</td>
<td>Serves a total population of 7.5 million</td>
<td>30%</td>
<td>(another 30% held by Power Assets)</td>
</tr>
<tr>
<td>SEABANK POWER LIMITED</td>
<td>BRISTOL, THE UNITED KINGDOM</td>
<td>Owns and operates Seabank Power Station near Bristol. The electricity is sold under a long-term contract to SSE Energy Supply Ltd.</td>
<td>Generation capacity Approximately 1,150 MW</td>
<td>25%</td>
<td>(another 25% held by Power Assets)</td>
</tr>
<tr>
<td>SOUTHERN WATER SERVICES LIMITED</td>
<td>THE UNITED KINGDOM</td>
<td>Supplies water and waste water services to the south east of England</td>
<td>Water – Serves a population of 2.4 million Recycles wastewater – Serves a population of 2.4 million</td>
<td>4.75%</td>
<td></td>
</tr>
</tbody>
</table>
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%

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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)

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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)

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CITIPOWER 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)
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### 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)

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

**ENGINY 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)

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**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 length**

42 km

**CKI's ownership**

50%

(another 50% held by Power Assets)

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**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 length**

About 4,700 km

**Consumer coverage**

Approximately 168,000 customers

**CKI's ownership**

50%

(another 50% held by Power Assets)

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**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%
**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%
### CANADIAN MIDSTREAM ASSETS
**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.
**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
**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%

*(another 48.75% held by Power Assets)*

### SHEN-SHAN HIGHWAY (EASTERN SECTION)
**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
**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
**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
**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$86 million  
**CKI’s interest in JV**: 40%

### Alliance Construction Materials Limited
**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%
Infrastructure Investments in Hong Kong and Mainland China (Cont’d)

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%

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%