PROJECT PROFILES
**Investment in Hongkong Electric**

**Hongkong Electric Holdings Limited, Hong Kong**

- CKI shareholding: 38.87%
- Installed capacity: 3,420 MW
- Business: Exclusive right to generate and distribute electricity to Hong Kong Island and Lamma Island
- 2005 net profit: HK$8,562 million

**Infrastructure Investments – Energy**

**CitiPower I Pty Ltd., Victoria, Australia**

- CKI shareholding: 23.07% (another 27.93% held by Hongkong Electric)
- Business: To operate the electricity distribution network in the central business district and inner suburban areas of Melbourne, Victoria
- Electricity distribution network: 4,013 km
- Consumer coverage: 280,000 customers

**Envestra Limited, Australia**

- CKI shareholding: 17.14%
- Business: Australia’s largest distributor of natural gas
- Natural gas distribution network: 18,700 km
- Consumer coverage: 960,000 customers

**ETSA Utilities, South Australia, Australia**

- CKI shareholding: 23.07% (another 27.93% held by Hongkong Electric)
- Business: To operate the electricity distribution network, covering an area of 178,200 sq km, in the state of South Australia for 200 years
- Electricity distribution network: 80,103 km
- Consumer coverage: 768,000 customers
## Infrastructure Investments – Energy

### Northern Gas Networks, the United Kingdom
- **CKI shareholding:** 40% (another 19.9% held by Hongkong Electric)
- **Business:** One of the eight major gas distribution networks in the United Kingdom
- **Natural gas distribution network:** 36,000 km
- **Consumer coverage:** 2.5 million consumers (serves a total population of 6.7 million)

### Powercor Australia Limited, Victoria, Australia
- **CKI shareholding:** 23.07% (another 27.93% held by Hongkong Electric)
- **Business:** To operate the electricity distribution network, covering an area of over 150,000 sq km, in the state of Victoria
- **Electricity distribution network:** 81,271 km
- **Consumer coverage:** 643,000 customers

### Spark Infrastructure Group, Australia
- **CKI shareholding:** 9.9%
- **CKI’s investment:** A$180 million
- **Business:** An infrastructure fund listed in Australia with seed assets being a 49% stake in each of CitiPower, ETSA Utilities and Powercor
- **Manager:** CKI owns 50% interest in the management company

### Fushun Cogen Power Plants, Liaoning
- **Location:** Fushun, Liaoning Province
- **Total capacity:** 150 MW
- **Joint venture contract date:** 1997
- **Joint venture expiring:** 2017
- **Operational status:** Operational
- **Total project cost:** HK$690 million
- **CKI’s interest:** HK$414 million
- **Interest in JV:** 60%
## Infrastructure Investments – Energy

### Qinyang Power Plants, Henan
- **Location**: Qinyang, Henan Province
- **Total capacity**: 110 MW
- **Joint venture contract date**: 1997
- **Joint venture expiring**: 2019
- **Operational status**: Operational
- **Total project cost**: HK$457 million
- **CKI’s interest**: HK$224 million
- **Interest in JV**: 49%

### Siping Cogen Power Plants, Jilin
- **Location**: Siping, Jilin Province
- **Total capacity**: 200 MW
- **Joint venture contract date**: 1997
- **Joint venture expiring**: 2019
- **Operational status**: Operational
- **Total project cost**: HK$1,610 million
- **CKI’s interest**: HK$725 million
- **Interest in JV**: 45%

### Zhuhai Power Plant, Guangdong (Unit 1 & 2)
- **Location**: Zhuhai, Guangdong Province
- **Total capacity**: 1,400 MW
- **Joint venture contract date**: 1995
- **Joint venture expiring**: 2019
- **Operational status**: Operational
- **Total project cost**: HK$9,493 million
- **CKI’s interest**: HK$1,284 million
- **Interest in JV**: 45%

### Zhuhai Power Plant, Guangdong (Unit 3 & 4)
- **Location**: Zhuhai, Guangdong Province
- **Total capacity**: 1,200 MW
- **Joint venture contract date**: 2005
- **Joint venture expiring**: 2035
- **Operational status**: Under construction, operation commencing 2007
- **Total project cost**: HK$5,741 million
- **CKI’s interest**: Approx. HK$700 million
- **Interest in JV**: 45%
Infrastructure Investments – Transportation

**Eastern Harbour Crossing Rail Tunnel, Hong Kong**
- CKI shareholding: 50%
- Road type: Rail tunnel
- Length: 2.2 km
- Rail franchise period: 1986-2008
- Total project cost: $1 billion

**Lane Cove Tunnel, Sydney, New South Wales, Australia**
- CKI shareholding: 40%
- Road type: Tunnel
- Length: 3.7 km
- No. of lanes: Dual two/three-lane
- Operational status: Construction commenced June 2004, Mid 2007
- Total project cost: A$1.7 billion

**Sydney Cross City Tunnel, New South Wales, Australia**
- CKI shareholding: 50%
- Road type: Tunnel
- Length: 2.1 km
- No. of lanes: Dual two-lane
- Operational status: Operational
- Total project cost: A$1 billion

**Changsha Wujialing and Wuylu Bridges, Hunan**
- Location: Changsha, Hunan Province
- Road type: Bridge
- Length: 5 km
- No. of lanes: Dual two-lane
- Joint venture contract date: 1997
- Joint venture expiring: 2022
- Operational status: Operational
- Total project cost: HK$465 million
- CKI’s interest: HK$206 million
- Interest in JV: 44.2%
## Infrastructure Investments – Transportation

### Guangzhou East-South-West Ring Road, Guangdong
- **Location**: Guangzhou, Guangdong Province
- **Road type**: Expressway
- **Length**: 39 km
- **No. of lanes**: Dual three-lane
- **Joint venture contract date**: 1997
- **Joint venture expiring**: 2032
- **Operational status**: Operational
- **Total project cost**: HK$4,220 million
- **CKI’s interest**: HK$1,169 million
- **Interest in JV**: 44.4%

### Jiangmen Chaolian Bridge, Guangdong
- **Location**: Jiangmen, Guangdong Province
- **Road type**: Bridge
- **Length**: 2 km
- **No. of lanes**: Dual two-lane
- **Joint venture contract date**: 1997
- **Joint venture expiring**: 2027
- **Operational status**: Operational
- **Total project cost**: HK$130 million
- **CKI’s interest**: HK$65 million
- **Interest in JV**: 50%

### Jiangmen Jiangsha Highway, Guangdong
- **Location**: Jiangmen, Guangdong Province
- **Road type**: Class 1 highway
- **Length**: 21 km
- **No. of lanes**: Dual two-lane
- **Joint venture contract date**: 1996
- **Joint venture expiring**: 2026
- **Operational status**: Operational
- **Total project cost**: HK$207 million
- **CKI’s interest**: HK$103 million
- **Interest in JV**: 50%

### National Highway 107 (Zhumadian Sections), Henan
- **Location**: Zhumadian, Henan Province
- **Road type**: Class 2 highway
- **Length**: 114 km
- **No. of lanes**: Dual two-lane
- **Joint venture contract date**: 1997
- **Joint venture expiring**: 2024
- **Operational status**: Operational
- **Total project cost**: HK$461 million
- **CKI’s interest**: HK$304 million
- **Interest in JV**: 66%
## Infrastructure Investments – Transportation

### Panyu Beidou Bridge, Guangdong
- **Location**: Panyu, Guangdong Province
- **Road type**: Bridge
- **Length**: 3 km
- **No. of lanes**: Dual three-lane
- **Joint venture contract date**: 1999
- **Joint venture expiring**: 2024
- **Operational status**: Operational
- **Total project cost**: HK$164 million
- **CKI’s interest**: HK$66 million
- **Interest in JV**: 40%

### Shantou Bay Bridge, Guangdong
- **Location**: Shantou, Guangdong Province
- **Road type**: Bridge
- **Length**: 6 km
- **No. of lanes**: Dual three-lane
- **Joint venture contract date**: 1993
- **Joint venture expiring**: 2028
- **Operational status**: Operational
- **Total project cost**: HK$665 million
- **CKI’s interest**: HK$200 million
- **Interest in JV**: 30%

### Shen-Shan Highway (Eastern Section), Guangdong
- **Location**: Lufeng/Shantou, Guangdong Province
- **Road type**: Expressway
- **Length**: 140 km
- **No. of lanes**: Dual two-lane
- **Joint venture contract date**: 1993
- **Joint venture expiring**: 2028
- **Operational status**: Operational
- **Total project cost**: HK$2,619 million
- **CKI’s interest**: HK$877 million
- **Interest in JV**: 33.5%

### Tangshan Tangle Road, Hebei
- **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 expiring**: 2019
- **Operational status**: Operational
- **Total project cost**: HK$187 million
- **CKI’s interest**: HK$95 million
- **Interest in JV**: 51%
**Infrastructure Investments – Water**

**AquaTower Pty Limited, Australia**

- CKI shareholding: 49%
- Business: AquaTower has the exclusive rights until 2027 to provide potable water to four towns in Victoria
- Consumer coverage: Serves a total population of 50,000

**Cambridge Water PLC, the United Kingdom**

- CKI shareholding: 100%
- Business: Supplies fresh water to an area of 1,100 sq km in South Cambridgeshire
- Water Distribution System: 7 service reservoirs, 10 water towers and 2,200 km of water mains
- Consumer coverage: Serves a total population of 300,000

**Infrastructure Related Business**

**Alliance Construction Materials, Hong Kong**

- **Concrete Division**
  - Total capacity: 4 million cubic meters per annum
  - Hong Kong's largest concrete producer
  - 6 strategically-located batching plants throughout Hong Kong
  - Over 200 mixer trucks
  - CKI’s interest: 50%

- **Quarry Division**
  - Total capacity (Aggregates): 7 million tones per annum
  - 5 quarries in total: 3 in Hong Kong and 2 in Mainland China
  - CKI’s interest: 50%

**Anderson Asphalt, Hong Kong**

- Total asphalt capacity: 2.8 million tones per annum
- Total recycling capacity: 0.5 million tones per annum
- Total sub-base capacity: 1.6 million tones per annum
- Founded in 1977
- Operations in Hong Kong, Mainland China, the Philippines, the Bahamas and the Marshall Islands
- Specially designed mastic asphalt for Tsing Ma Bridge and the Shenzhen Western Corridor Bridge (Hong Kong), Jiangyin Bridge (Mainland China) and Irtysh River Bridge (Kazakhstan)
- One of Hong Kong’s largest asphalt producers, pavement contractors and recyclers
Infrastructure Related Business

Green Island Cement, Hong Kong
Total capacity: 1.5 million tonnes (clinker), 2.5 million tonnes (cement grinding) per annum
Origins date back to 1887
Hang Seng constituent stock prior to privatisation in 1987
Only integrated cement producer in Hong Kong
About one-third market share in Hong Kong
Only producer of high early strength and low alkaline cement in Hong Kong

Guangdong GITIC Green Island Cement Co. Ltd., Guangdong
Location: Yunfu, Guangdong Province
Total cement: 800,000 tonnes per annum
Cement production facilities upgraded in 1998 to produce high-quality cement
CKI’s interest: 67%

Siquijor Limestone Quarry, Philippines
Location: Siquijor, Philippines
Total capacity: 2 million tonnes per annum
Limestone quarry acquired in 1995 for 25 years
CKI’s interest: 40%