

Project Profiles Hongkong Electric / Infrastructure Investments



Hongkong Electric, Hong Kong

CKI shareholding	38.87%
Installed capacity	3,305 MW
Business	Exclusive right to generate and distribute electricity to Hong Kong Island, Ap Lei Chau and Lamma Island
2002 net profit	HK\$6,827 million

CitiPower I Pty Limited, Victoria, Australia

CKI shareholding	50% (another 50% 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	5,054 km (41% underground cables)
Consumer coverage	265,000 customers



Envestra Limited, Australia

CKI shareholding	19.14%
Business	Distribution of natural gas in the states of South Australia, Queensland, the Northern Territory, Victoria and New South Wales
Natural gas distribution network	17,750 km
Consumer coverage	900,000 customers

ETSA Utilities, South Australia, Australia

CKI shareholding	50% (another 50% held by Hongkong Electric)
Business	To operate the electricity distribution network in the state of South Australia for 200 years
Electricity distribution network	73,111 km
Consumer coverage	734,000 customers



Powercor Australia Limited, Victoria, Australia

CKI shareholding	50% (another 50% held by Hongkong Electric)
Business	To operate the electricity distribution network covering an area of over 150,000 square km in the state of Victoria
Electricity distribution network	80,000 km
Consumer coverage	600,000 customers

Project Profiles

Infrastructure Investments



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%

Qinyang Power Plants, Henan

Location	Qinyang, Henan Province
Total capacity	110 MW
Joint venture contract date	1997
Joint venture expiring	2017
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	2018
Operational status	Operational
Total project cost	HK\$1,610 million
CKI's interest	HK\$725 million
Interest in JV	45%

Zhuhai Power Plant, Guangdong

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%



Project Profiles Infrastructure Investments



Eastern Harbour Crossing Rail Tunnel, Hong Kong

CKI shareholding	50%
Road type	Rail tunnel
Length	2.2 km
Rail franchise period	1986 - 2008

Sydney Cross City Tunnel, New South Wales, Australia

CKI shareholding	50%
Road type	Tunnel
Length	2 km
No. of lanes	Dual two-lane
Operational status	Construction commencing Jan 2003
Completion	2006
Total project cost	A\$1 billion



Changsha Wujialing and Wuyilu 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%

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%



Project Profiles

Infrastructure Investments



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 Jianghe Highway, Guangdong

Location	Jiangmen, Guangdong Province
Road type	Expressway
Length	20 km
No. of lanes	Dual two-lane
Joint venture contract date	1996
Joint venture expiring	2028
Operational status	Operational
Total project cost	HK\$421 million
CKI's interest	HK\$211 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%





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%

Shenyang Changqing Bridge, Liaoning

Location	Shenyang, Liaoning Province
Road type	Bridge
Length	3 km
No. of lanes	Dual three-lane
Joint venture contract date	1996
Joint venture expiring	2028
Operational status	Operational
Total project cost	HK\$269 million
CKI's interest	HK\$81 million
Interest in JV	30%



Project Profiles Infrastructure Investments



Shenyang Da Ba Road and South-West Elevated Sections, Liaoning

Location	Shenyang, Liaoning Province
Road type	Class 1 highway
Length	23 km
No. of lanes	Dual three-lane
Joint venture contract date	1996 & 1997
Joint venture expiring	2027
Operational status	Operational
Total project cost	HK\$1,504 million
CKI's interest	HK\$451 million
Interest in JV	30%

Shenyang Gongnong Bridge, Liaoning

Location	Shenyang, Liaoning Province
Road type	Bridge
Length	1 km
No. of lanes	Dual three-lane
Joint venture contract date	1996
Joint venture expiring	2028
Operational status	Operational
Total project cost	HK\$121 million
CKI's interest	HK\$36 million
Interest in JV	30%



Shenyang Shensu Expressway, Liaoning

Location	Shenyang, Liaoning Province
Road type	Class 1 highway
Length	12 km
No. of lanes	Dual three-lane
Joint venture contract date	1996
Joint venture expiring	2028
Operational status	Operational
Total project cost	HK\$395 million
CKI's interest	HK\$118 million
Interest in JV	30%

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%



Project Profiles Infrastructure Materials and Infrastructure-related Businesses



Asia Stone, Anderson Asia, Hong Kong

- Total capacity: 1.5 million tonnes per annum
- Origins date back to 1968
- One of Hong Kong's four contract quarries
- Sole distributor of a Mainland China quarry in Hong Kong
- Aggregates mainly for in-house purpose

Bonntile, Anderson Asia, Hong Kong

- Total capacity: 1.5 million square meters per annum
- Established in 1973
- Exterior wall spray-coating system specialist
- Sole distributor for Hong Kong, Macau and Mainland China for a leading Japanese spray-coating manufacturer since 1998



Ready Mixed Concrete, Anderson Asia, Hong Kong

- Total capacity: 3.5 million cubic meters per annum
- One of Hong Kong's largest concrete producers
- 8 strategically-located batching plants throughout Hong Kong
- Over 175 mixer trucks
- The only commercial producer of high performance and strength concrete (100+ MPa) since 1997
- Leader in product innovation, technology and customer service

Anderson Asphalt, Hong Kong

- Total asphalt capacity: 2.8 million tonnes per annum
- Founded in 1977
- Operations in Hong Kong, Mainland China, the Philippines and the Bahamas
- Specially designed mastic asphalt for Tsing Ma Bridge (Hong Kong), Jiangyin Bridge (Mainland China) and Irtys River Bridge (Kazakhstan)
- One of Hong Kong's largest asphalt producers, pavement contractors and recyclers
- Operations in the Philippines carrying out re-furbishing of the North Luzon Expressway using asphalt recycling technology. Operations in Mainland China on Class 1 Expressways built in Hebei, Henan, Shandong, Shanxi, Hunan and Fujian



Project Profiles Infrastructure Materials and Infrastructure-related Businesses

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 Hong Kong market share
Only producer of high early strength and low alkaline cement in Hong Kong

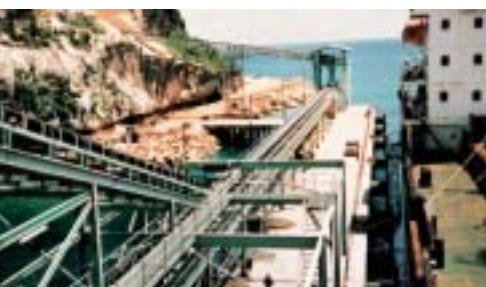
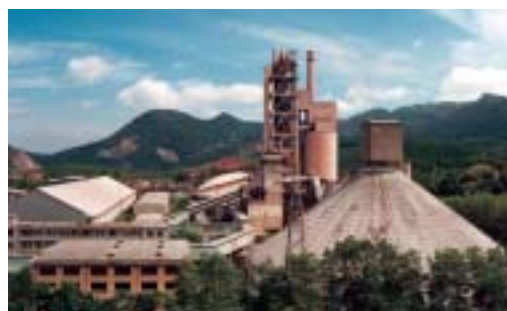


Shantou Cement Grinding Plant, Guangdong

Location: Shantou, Guangdong Province
Total capacity: 600,000 tonnes per annum
Clinker grinding facilities, commissioning 1999
Produce blended cement under the Golden Eagle brand name
CKI's interest: 100%

Guangdong GITIC Green Island Cement Co. Ltd., Guangdong

Location: Yunfu, Guangdong Province
Total capacity: 680,000 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: 5 million tonnes per annum
Limestone quarry acquired in 1995 for 25 years
CKI's interest: 40%

Polyphalt Inc., Canada

CKI shareholding	63.5%
Business	Develops and commercialises polymer modified asphalt technology, products and services. The Company blends several of its asphalt technologies by mixing bitumen with plastics and rubbers, including recycled materials. Polyphalt is also a manufacturer of coating, adhesive and maintenance products to the roofing, building and road repair sectors.
Licensee locations	12 licensees have been issued to North America, Northern Europe, Australia and Asia.





Stuart Energy Systems Corp., Canada

CKI shareholding	9.2%
Business	Develops and supplies hydrogen generation & backup power supply systems through its proprietary water electrolysis technology
CKI's distribution right	To market Stuart Energy's technology and products in Asia Pacific on an exclusive basis until 2012

Yueyang Water Plants, Hunan

Location	Yueyang, Hunan Province
Total capacity	400,000 tonnes per day
Joint venture contract date	1998
Joint venture expiring	2016
Operational status	Operational
Total project cost	HK\$140 million
CKI's interest	HK\$69 million
Interest in JV	49%



bioSecure Systems Limited, Hong Kong

CKI shareholding	62%
Business	Develops and supplies biometrics products and systems (including the exclusively licensed fingerprint matching technology from the Chinese University of Hong Kong and through partnership with world leading biometrics technology providers).
Applications	Multiple security applications including access control, time and attendance records, smart ID cards, law enforcement system, e-commerce, etc.

e-Smart System Inc., Hong Kong

CKI shareholding	50%
Business	Applications of the patented "EYECON" microprocessor-based contactless smart card technology in the Greater China Region.
Applications	Multiple applications including stored value, fare collection, access control, time and attendance record, loyalty programmes, web transactions, and national identification.

