Dam:	Gongguoqiao	Country	China
River	Lancang (Mekong)	25°35'10.42"N 99°20'8.06"E	25.586227 99.335571
Owner/Client	Huaneng Lancang River Hydropower Co. Ltd.		
Designer/Engineer	Hydrochina Xibei Engineering Corporation		
Contractor	4th and 14th Construction Bureaux		

Purpose (code)	H
Site start	01.01.2008
RCC start	01.01.2009
RCC completion	31.12.2011
Site completion	31.03.2012
Height (m)	105
Length (m)	356
Volume of RCC (m^3x10^3)	*Unknown*
Total volume (m^3x10^3)	1067
Reservoir capacity (m^3x10^6)	316
Upstream slope	*Unknown*
Forming of upstream face (code)	*Unknown*
Downstream slope	*Unknown*
Forming of downstream face (code)	*Unknown*
Spillway slope	*Unknown*
Forming of spillway face (code)	*Unknown*
Depth of layers (mm)	*Unknown*
Depth of lifts (mm)	*Unknown*
Cement content (kg/m^3)	*Unknown*
Pozzolan content (kg/m^3)	*Unknown*
Code for pozzolan	*Unknown*
RCCDAM Unique Serial No.	RCCDAM0512

Under Construction



RCCDAM0512UC

Completed Dam



RCCDAM0512CD

Google Earth



RCCDAM0512GE

Guide to Abbreviations

Purpose

E	Environmental
F	Flood control
G	Groundwater recharge
H	Flood control
I	Irrigation
N	Navigation
P	Pollution control
R	Recreation
W	Water supply

Facing method

(1)	Traditional concrete against formwork
(2)	Traditional concrete against formwork with external geomembrane
(3)	RCC against formwork
(4)	RCC against formwork with external geomembrane
(5)	Traditional concrete against precast concrete panels
(6)	Traditional concrete against precast concrete panels with geomembrane
(7)	RCC against precast concrete panels
(8)	RCC against precast concrete panels with geomembrane
(9)	RCC against precast concrete panels with hot poured membrane
(10)	RCC against precast concrete blocks
(11)	Reinforced conventional concrete cast before RCC placement
(12)	Reinforced conventional concrete cast after RCC placement
(13)	Reinforced concrete cast against precast units or slip-formed facing elements
(14)	Slip-formed/extruded facing elements
(15)	RCC supported by fill shoulders
(16)	Mechanically compacted unformed face of RCC
(17)	Unformed face of RCC
'	GEVR/GE-RCC
*	Stepped face

Pozzolans

(-)	No Pozzolan Used
(C)	High-lime flyash (ASTM Class C)
(F)	Low-lime flyash (ASTM Class F)
(M)	Milled sand
(N)	Natural pozzolan (ASTM Class N)
(R)	ROLAC (mixture of flyash and slag with or without limestone fines)
(S)	Ground-granulated blast-furnace slag
(L)	Mixture of GGBFS and limestone fines