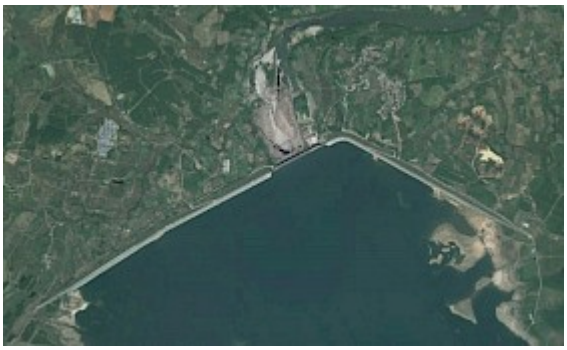
Dam:	Daguangba	Country	China
River	Changhua	19°1'11.44"N 108°58'47.95"E	19.019844 108.979988
Owner/Client	Hainan Provincial Electric Power Company (HEPCO)		
Designer/Engineer	Mid-South Design and Research Institute (MSDI), MOE & MWR		
Contractor	Gezhouba Construction Bureau		

Purpose (code)	H I W
Site start	01.06.1990
RCC start	01.12.1991
RCC completion	30.12.1993
Site completion	01.07.1995
Height (m)	57
Length (m)	719
Volume of RCC (m^3x10^3)	485
Total volume (m^3x10^3)	860
Reservoir capacity (m^3x10^6)	1710
Upstream slope	V
Forming of upstream face (code)	(1)
Downstream slope	0.75
Forming of downstream face (code)	(10) (3)
Spillway slope	0.75
Forming of spillway face (code)	(1)
Depth of layers (mm)	300
Depth of lifts (mm)	300
Cement content (kg/m^3)	55
Pozzolan content (kg/m^3)	96
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0130

Completed Dam

RCCDAM0130CD

Google Earth



RCCDAM0130GE

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