Dam:	Capanda	Country	Angola
River	Kwanza	09°47'41.77"S 15°28'01.87"E	-9.794936 15.467186
Owner/Client	Ministry of Energy and Oil of P. R. Angola		
Designer/Engineer	Institute ‘Hydroproject’, Moscow, Russia		
Contractor	VO “Technopromexport” and Odebrecht J.V. (Consortio Capanda)		

Purpose (code)	H
Site start	10.02.1987
RCC start	10.10.1989
RCC completion	31.05.1992
Site completion	31.12.2007
Height (m)	110
Length (m)	1203
Volume of RCC (m^3x10^3)	757
Total volume (m^3x10^3)	1154
Reservoir capacity (m^3x10^6)	4795
Upstream slope	V
Forming of upstream face (code)	(6)
Downstream slope	0.70
Forming of downstream face (code)	(14) (10)
Spillway slope	0.70
Forming of spillway face (code)	(13)
Depth of layers (mm)	400
Depth of lifts (mm)	400
Cement content (kg/m^3)	70
Pozzolan content (kg/m^3)	100
Code for pozzolan	(M)
RCCDAM Unique Serial No.	RCCDAM0096

Under Construction

RCCDAM0096UC

Completed Dam

RCCDAM0096CD

Google Earth

RCCDAM0096GE

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