Dam:	Lom Pangar	Country	Cameroon
River	Lom	5°22'56.6"N 13°30'10.34"E	5.382389 13.502871
Owner/Client	EDC (Electricity Development Corporation)		
Designer/Engineer	Tractebel/ISL		
Contractor	CWC (China International Water and Electric Corporation)		

Purpose (code)	F H
Site start	01.01.2019
RCC start	01.02.2021
RCC completion	31.03.2023
Site completion	19.09.2024
Height (m)	46
Length (m)	185
Volume of RCC (m^3x10^3)	175
Total volume (m^3x10^3)	290
Reservoir capacity (m^3x10^6)	6000
Upstream slope	V
Forming of upstream face (code)	(1)
Downstream slope	0.85
Forming of downstream face (code)	(1)
Spillway slope	0.85
Forming of spillway face (code)	(12)
Depth of layers (mm)	300
Depth of lifts (mm)	300
Cement content (kg/m^3)	100
Pozzolan content (kg/m^3)	100
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0004

Completed Dam

RCCDAM0004CD

Google Earth

RCCDAM0004GE

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