Dam:	Lai Chau	Country	Vietnam
River	Song Da (Black River)	22°08'16.81"N 102°59'1.57"E	22.138002 102.983772
Owner/Client	EVN (Electrictie de Vietnam)		
Designer/Engineer	PECC1 (Power Engineering Consulting Company №1)		
Contractor	Song Da Corporation (SDC)		

Purpose (code)	H
Site start	10.06.2010
RCC start	07.03.2013
RCC completion	02.05.2015
Site completion	31.07.2017
Height (m)	131
Length (m)	620
Volume of RCC (m^3x10^3)	1884
Total volume (m^3x10^3)	2500
Reservoir capacity (m^3x10^6)	1215
Upstream slope	V
Forming of upstream face (code)	(3')
Downstream slope	0.75
Forming of downstream face (code)	(3') *
Spillway slope	0.75
Forming of spillway face (code)	(12)
Depth of layers (mm)	300
Depth of lifts (mm)	300
Cement content (kg/m^3)	60
Pozzolan content (kg/m^3)	160
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0633

Under Construction



RCCDAM0633UC

Completed Dam



RCCDAM0633CD

Google Earth



RCCDAM0633GE

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