Dam:	Trung Son	Country	Vietnam
River	Ma	20°36'36.73"N 104°50'14.95"E	20.610203 104.837486
Owner/Client	EVN (Electrictie de Vietnam)		
Designer/Engineer	PECC4 (Power Engineering Consulting Company Nº4)		
Contractor	*Unknown*		

Purpose (code)	F H
Site start	01.11.2012
RCC start	01.04.2014
RCC completion	31.08.2016
Site completion	28.02.2017
Height (m)	88
Length (m)	498
Volume of RCC (m^3x10^3)	770
Total volume (m^3x10^3)	1140
Reservoir capacity (m^3x10^6)	349
Upstream slope	V 0.35
Forming of upstream face (code)	(3') (3') *
Downstream slope	0.65
Forming of downstream face (code)	(3') *
Spillway slope	0.65
Forming of spillway face (code)	(12)
Depth of layers (mm)	300
Depth of lifts (mm)	300
Cement content (kg/m^3)	60 70
Pozzolan content (kg/m^3)	140 150
Code for pozzolan	(N)
RCCDAM Unique Serial No.	RCCDAM0688

Under Construction

RCCDAM0688UC

Google Earth

RCCDAM0688GE

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