

表 4-3-10 Phu Yen West, Bac Ai 地点の計画諸元

Description		Unit	Phu Yen West	Bac Ai	
General	Installed Capacity	P	MW	1,050	1,050
	Designed Discharge	Qd	m ³ /s	253	362
	Effective Head	Hd	m	524	365
	Peak Duration Hours		hrs	7	7
Upper Reservoir	Type		—	Concrete Gravity	Rockfill
	Height	H	m	85	55+55+55
	Crest Length	L	m	385	420+270+200
	Dam (Bank) Volume	V	mln. m ³	530	670+200+250
	Excavation Volume	Ve	mln. m ³	150	400
	Reservoir Area	Ra	km ²	0.6	0.7
	Catchment Area	Ca	km ²	3.5	3.4
	H.W.L.		m	720	600
	L.W.L.		m	705	580
	Usable Water Depth		m	15	20
Effective Reservoir Capacity		mln. m ³	6.4	9.2	
Lower Dam and Reservoir	Type		—	Concrete Gravity	Concrete Gravity
	Height	H	m	105	55
	Crest Length	L	m	250	525
	Dam (Bank) Volume	V	mln. m ³	670	860
	Reservoir Area	Ra	km ²	2.5	3.2
	Catchment Area	Ca	km ²	420.0	720.0
	H.W.L.		m	160	210
	L.W.L.		m	157	206
	Usable Water Depth		m	3	4
	Effective Reservoir Capacity		mln. m ³	6.4	9.2
Waterway	Headrace	L (m) × n	m	7.1×1,250×1	—
	Penstock	L (m) × n	m	5.7×1,050×1	6.8×1,250×1
	Tailrace	L (m) × n	m	7.1×400×1	8.5×850×1
	Total Length	Lt	m	2,700	2,100
Powerhouse	Type		—	Egg-shape (Underground)	Egg-shape (Underground)
	Overburden		m	350	350
	Height		m	49	49
	Width		m	32	32
	Length		m	165	165
Cavern Volume		m ³	185,000	185,000	
Turbine	Type		—	Single-Stage Francis	Single-Stage Francis
	Number		unit	3	3
	Unit generating capacity		MW	350	350
Lt / Hd				5.2	5.8