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Nam Gnouang Hydroelectric Power Plant Laos - GEO

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OBSERVAT	ORY POWER PLANTS	FUELS AND RESOURCES	ENERGY TRANSMISSION	ENERGY CONSUMERS	MAP DATA IN GEO			
			Abstract					
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Username:	infrastructure is of TYPE Hydro Power	ant Laos is located at Bolikhamxai, Peoples Plant with a design capacity of 60 MWe. In						
Password:	Hinboun Power Co Ltd.							
Login		Ide	NTIFIERS FOR HYDRO					
Register	Name	Nam Gnouang Hydroelectric Power	Plant Laos					
Last Edited by rajangupta	Status of Plant	Operating Fully						
on 2017-08-07 02:12:21 History of Edits for Nam	Plant Efficiency and Impact	Please Select	~					
Gnouang Hydroelectric Power Plant Laos		State-of-the-art Worth Duplicating	Environmentally Responsible					
All Edits Awaiting Moderation	Country Assigned Identification Number							
QUICK ACCESS TOOLS	GEO Assigned Identification Number	46420						
Hydro in Peoples	Select Currency for data in this page	Kip 🗸						
Democratic Republic of Lao:	[Location					
Houay Ho Hydroelectric Power Project Laos			LOCATION					
Nam Gnouang Hydroelectric Power Plant Laos	Latitude: 18.2931	Longitude: 104.6376	Update Placemarks	Restore Placemarks				
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Nam Lik 1-2 Hydroelectric Power Project Laos Nam Ngum 1 Hydroelectric			2 and 1 of goild.					
Project Laos Nam Ngum-2 Hydroelectric	Area = 0.02 km^2 Associated	Infrastructure: Theun-Hinboun Hydroelec	tric Power Project Laos					
Dower Droject Lass		infrastructure: Theun-Hinboun Hydroelec	-					
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	Width: 920 px Height: 320	px Resize Map		· · · ·	, Peoples Democratic Republic of Lao			
			Dragnurray					
	Description							
	Design Capacity (MWe)	60						
	Firm Capacity (MWe)	Plant Load Facto						
		Bolikhamxai, Peoples Democratic F						
	Power Plant Used For	Dam on river with reservoir Please Select	✓ Short Description					
	River/Lake/Canal Dammed							
	Year Project Commissioned							
	Project Benefits	✓ Power Generation □ Irrigation ✔ Wat	er / Flood Management 🗆 Navigati	on \Box Recreation and Sports \Box T	ourism City Water Fish			
	Power Production Potential At Design	GW Hours per yo	ear at water head (m) 56					
	High Season Generation Months		to					
	Configuration of Powerhouses	One Surface Powerhouse	Distance from Dam (m)					
	Electric Power Grid Connected To	National Grid V	ame/Operator	PP	A(years)			
	Name of SubStation Connected To							
	Mean River Flow (cum/sec)							

Nam Gnouang Hydroelectric Power Plant Laos - GEO

	95.1			
	lain Reservoir Nam Gnoung Reservoir	I own Basamain (if nummed at		
Name of		Lower Reservoir (if pumped sto	rage)	
Catchment Area (sq km)	2942			
At Full Reservoir Level (FRL)				
Capacity of Main Reservoir (MM				
cum)	t FRL 2262 Useful/Live			
Annual Flow Into Reservoir	ЛМ cum)			
Sedimentation Rate (MM cum/year)	Impact on Project			
Energy Content at FRL (GW hours)				
Altitude Above Sea Level Main Reservoir (m)	Maximum 455 at Minimum 420			
	Nam Gnoung Dam			
Height of the Dam (m)	Crest Altitude (m)			
Crest Length of the Dam (m)				
Width of Dam				
	Concrete Gravity Dam	✓ Describe Roller Compact	tod Concrete Dam	
• •				
Height of Water Head				
Water Flow Rate Through Turbines				
Water Storage Pumping Rate		wej		
FRL Generation Duration				
Water Storage Pumping Time	at Power (MWe)			
Water Management Description				
Environmental Issues				
Capital Cost of Plant	and/or In US Dollars	In Year (YYYY)		
Add AI Delete Selected AI				
	Unit Informa	ATION		Unit
Add Al Delete Selected Al Unit Capacity Date # (MWe) Commissioned (yyyy-mm-dd)	Decommission Decommission Date (yyyy-mm- dd) UNIT INFORMA	ATION Speed (RPM) Generator Manufacturer	Generator Hydraulic Model/Type Head (m)	Unit Efficiency (%)
Unit Capacity Date # (MWe) Commissioned	Decommission Turbine Turbine Date (yyyy-mm- Manufacturer Model/Type	Speed (RPM) Generator Manufacturer	•	Efficiency
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* cum = cubic meters; MWe = Megawatts electric; MM=million; m=meters	* cum = cubic meter	e: MWe = Maganiatta	electric MM-million	n=meters					

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