

## SAGULING HEPP (Indonesia Power – Generation Business Unit)

INDONESIA  
**POWER**

SAGULING





Saguling Generation Business Unit locates in West Java, that uses hydropower as its prime energy supply. The development of hydro electric power plant (HEPP) is one of the government's efforts to maintain diversification on power generation as well as conservation of natural fuel oil. Saguling GBU operates 29 power plants that spread all over West Java, and has installed capacity around 797 MW.

The site is 40km from Bandung city and was built on the Citarum River, the largest river in West Java. Originally, Saguling was planned for power production only but the reserovir was repurposed to support fisheries, aquaculture, tourism, and water supply.

Type	Hydro Electric Power Plant
Area	Saguling – West Java
Coordinates	Latitude= -6.9126, Longitude= 107.3663
Kind of Fuel	Hydro
Power Capacity	1. Saguling = 700.72 MW 2. Bengkok = 3.85 MW 3. Plengan = 6.87 MW 4. Lamajan = 19.56 MW 5. Cikalong = 19.20 MW 6. Ubrug = 18.36 MW 7. P. Kondang = 9.90 MW 8. Kracak = 18.90 MW
Owner	PT. Indonesia Power
Shareholders	PT. PLN
Activity Since	1. Saguling = 1985 2. Bengkok = 1922 3. Plengan = 1922 4. Lamajan = 1925 5. Cikalong = 1961 6. Ubrug = 1924 7. P. Kondang = 1955 8. Kracak = 1927
Contact	DEL EVIONDRA General Manager UBP Saguling
Address	Saguling Generation Business Unit Jl. Komplek PLN Cioray, Tromol Pos 7, Rajamandala, Cimahi 40554, Indonesia
Email	kontak-ip@indonesiapower.co.id
Phone & Fax	Tel : (62-22) 690-0343, 690-0344 Fax : (62-22) 690-0292
Web	<a href="http://www.indonesiapower.co.id">http://www.indonesiapower.co.id</a>

### 1. Saguling

No. Unit	Turbine			Generator	COD	MW
	Manufacturer	Type	Serial Number			
1	Thosiba	Vertical Francis	3601242-1	Mitsubishi	1985	175.18
2	Thosiba	Vertical Francis	3601242-2	Mitsubishi	1985	175.18
3	Thosiba	Vertical Francis	3601242-3	Mitsubishi	1986	175.18
4	Thosiba	Vertical Francis	3601242-4	Mitsubishi	1986	175.18

### 2. Ubrug

No. Unit	Turbine			Generator	COD	MW
	Manufacturer	Type	Serial Number			
1	Gebr stork	Horizontal Francis	2908	Smits Slikerveer	1924	5.94
2	Gebr stork	Horizontal Francis	2909	Smits Slikerveer	1924	5.94
3	Gebr stork	Horizontal Francis	23750	Smits Slikerveer	1950	6.48

### 3. Kracak

No. Unit	Turbine			Generator	COD	MW
	Manufacturer	Type	Serial Number			
1	Gebr stork	Vertical Francis	3044	Smits Slikerveer	1927	6.30
2	Gebr stork	Vertical Francis	2045	Smits Slikerveer	1927	6.30
3	Gebr stork	Vertical Francis	n.a.	Smits Slikerveer	1950	6.30

### 4. Lamajan

No. Unit	Turbine			Generator	COD	MW
	Manufacturer	Type	Serial Number			
1	Gebr stork	Vertical Francis	2746	Smits Slikerveer	1925	6.52
2	Gebr stork	Vertical Francis	2745	Smits Slikerveer	1925	6.52
3	Gebr stork	Vertical Francis	3578	Heemaf Hengelo	1934	6.52

### 5. Cikalong

No. Unit	Turbine			Generator	COD	MW
	Manufacturer	Type	Serial Number			
1	Neyrpic Alstom	Horizontal Francis	30	Alstom	1961	6.40
2	Neyrpic Alstom	Horizontal Francis	2B	Alstom	1961	6.40
3	Neyrpic Alstom	Horizontal Francis	1A.	Alstom	1961	6.40

### 6. Plengan

No. Unit	Turbine			Generator	COD	MW
	Manufacturer	Type	Serial Number			
1	Escher Wyss	Horizontal Francis	6355	GE	1922	1.08
2	Escher Wyss	Horizontal Francis	6356	GE	1922	1.08
3	Escher Wyss	Horizontal Francis	6357	GE	1922	1.08
4	Escher Wyss	Horizontal Francis	1799	Smits Slikerveer	1962	2.02
5	Escher Wyss	Horizontal Francis	8362	AEG	1966	1.61

### 7. Bengkok

No. Unit	Turbine			Generator	COD	MW
	Manufacturer	Type	Serial Number			
1	Escher Wyss	Horizontal Francis	6358	GE	1922	1.05
2	Escher Wyss	Horizontal Francis	6359	GE	1922	1.05
3	Escher Wyss	Horizontal Francis	6384	GE	1922	1.05
4	Escher Wyss	Horizontal Francis	2704	Smit Sikkerveer	1962	0.70

### 8. Parakan Kondang

No. Unit	Turbine			Generator	COD	MW
	Manufacturer	Type	Serial Number			
1	Escher Wyss	Horizontal Francis	3861	Smit Sikkerveer	1955	2.49
2	Escher Wyss	Horizontal Francis	3862	Smit Sikkerveer	1955	2.49
3	James Leffel	Horizontal Francis	269948	GE	1955	2.46
4	James Leffel	Horizontal Francis	W2759	GE	1955	2.46

Sources :

1. <http://www.indonesiapower.co.id> 2. PLN power plant inventory list 3. Other websites