



Scale: 1:200

- 1 Generating module
- 2 Service section
- 2.1 Staff facility module
- 3 Machine hall
- 3.1 Controlling panel module
- 4 Generating set
- 5
- 6 Exhaust silencer well
- 7 Exhaust exchanger
- 8 Load bank / dump load
- 9 Distiller - distillation, 38 m<sup>3</sup>/day
- 9.1
- 10 Heat exchanger
- 11 Main circuit pump unit
- 12 Thermostatic valve
- 13
- 14 Fuel day tank
- 15 Fuel fine filter unit
- 16 Air intake louvre
- 17 Tank for waste lub. oil
- 18
- 19 Exhaust silencer well
- 20 Seawater pump unit
- 21 Freshwater treatment filter
- 22 Switch gear - Consumer pump unit
- 23
- 24 Switch gear - Generating set
- 25 Switch gear - Monitoring
- 26 Switch gear - Dump load
- 27 Computer for monitoring
- 28 Controller for dump load
- 29
- 30 Air cooler - frequency controlled
- 31 Mobile gen.set module for standby
- 32 Future extension
- 33 Sleeping room
- 34 Dining room with electric cooker
- 35 Changing room
- 36

**Capacity**

W/D Generator sets  
Standby  
Wind turbines  
Freshwater

2 x 670 = 1340 kW  
1 x 670 = 670 kW  
2 x 850 = 1700 kW  
5-20 m<sup>3</sup>/day

**Drw.** Plant layout with water reservoir  
**Customer Name**

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**Cooling water system**  
Autonomous Station