

## Open Cycle Gas Turbine 243MW power plant for sale

We offer a open-cycle gas turbine (OCGT) facility consisting of two GE/Alstom Frame 9000E heavy-duty gas turbine-generator sets with a combined installed capacity of 243 MW.

The turbines, built in 2000, have a rated power output of 123MW and are equipped with DLN2.6 dry low NOx in gas operation and wet low NOx in diesel operation.

The plant was commissioned in 2000 and is operated both on natural gas and diesel oil.

The plant is now available for relocation. This plant is ideally suitable for baseload as well as island operation, peaking, emergency duty or to stabilize grids. The good efficiency and immediate availability makes this plant ideal to provide immediate energy to data centers.

The configuration of the equipment is ready for an expansion to combined cycle.



### Scope of supply:

- 2 General Electric Frame 9E dual fuel, low Nox gas turbines, including gas and liquid fuel systems, generator Circuit Breaker, firefighting, fin fan coolers
- 2 step up transformers
- 1 emergency diesel generator
- 1 Natural gas receiving station incl. filtration, 2 metering skids.
- 1 liquid fuel transfer skid, 2 liquid fuel high pressure skids
- 1 injection water transfer skid, 2 injection water high pressure skids
- BOP for OCPP

Sales price: on request.

As-Is-Where-Is basis: buyer must dismantle the equipment at own cost. Site can be easily accessed with heavy lifting equipment.

|                                  | <b>TG1</b>               | <b>TG 2</b>              |
|----------------------------------|--------------------------|--------------------------|
| <b>Gasturbine</b>                |                          |                          |
| Manufacturer                     | Alstom/GE                | Alstom/GE                |
| Model                            | Frame 9000E (9171)       | Frame 9000E (9171)       |
| Nominal power                    | 121.5 MW                 | 123.4 MW                 |
| Year of construction             | 2000                     | 2000                     |
| Fuel                             | Main: Gas Backup: Diesel | Main: Gas Backup: Diesel |
| Combustion chambers              | 14 (DLN)                 | 14 (DLN)                 |
| <b>Generator</b>                 |                          |                          |
| Manufacturer                     | Alstom                   | Alstom                   |
| Type                             | T240-370                 | T240-370                 |
| s/n                              | 500375                   | 500285                   |
| Type                             | Air / Water cooled       | Air / Water cooled       |
| Excitation Mode                  | Rotating Diodes          | Rotating Diodes          |
| Power (MVA)                      | 165                      | 165                      |
| Voltage Generation (V)           | 15000                    | 15000                    |
| Frequency (Hz)                   | 50                       | 50                       |
| <b>Control</b>                   |                          |                          |
| Type                             | SPEEDTRONIC MARK V       | SPEEDTRONIC MARK V       |
| <b>Generator Switchgear</b>      |                          |                          |
| Manufacturer                     | Alstom                   | GEC Alstom               |
| Type / Designation               | FKG1N – MKG1N            | FKG1N – SKG1N            |
| <b>Main step-up transformers</b> |                          |                          |
| Manufacturer                     | Alstom                   | Ferranti Packard Transf. |
| Type                             | A1-342-1131 (3-phase)    | (3-phase)                |
| Serial Number                    | 30N4033/1                | CL19301-10101            |
| Rated Power                      | 165 MVA                  | 165 MVA                  |
| Rated Voltage                    | 15kV/230kV               | 15kV/230kV               |
| Rated Current                    | 6'351A/412A              | 6'351A/414A              |
| Frequency                        | 50Hz                     | 50Hz                     |
| Cooling                          | Air                      | Air                      |
| <b>Operating hours</b>           |                          |                          |
| Total operating hours            | 51'340 h                 | 49'943 h                 |
| Total starts                     | 2'437                    | 2'437                    |

Easy Energy Companies & Consulting SA  
Via Industria 18  
6814 Lamone (Switzerland)

info@eecc.swiss  
Tel : +41 91 993 17 52

Web sites :  
[www.eecc.swiss](http://www.eecc.swiss)  
[www.newlifeenergyparts.com](http://www.newlifeenergyparts.com)