

3 x 25MW Gas Turbine-Generator Packages + Spare Core



Year of Manufacture:	1996
Condition:	Used
Operating Hours:	30-60,000 (Post MO)
Fuell:	Dual
Status:	Operating

Equipment Data

3 of; Gass Turbine-Generator Packages & spare core engine
Hours of Operation:

Next MO due at 50,000

Equivalent Operating Hours								
Unit	GG 1	GG 4	GG 2	GG 3	PT 3	PT 4	PT 2	PT 1
Current position: GT n°	GT 1	Spare	GT 2	GT 3	GT 3	Spare	GT 2	GT 1
Commissioning	1996	1996	1996	1996	1996	1996	1996	2009
EOH ->	0	0	0	0	0	0	0	0
-> EOH	22,091	16,749	33,537	21,679	17,281	51,877	63,957	33,974
Inspection	2002-2003	1999	2005	2001	2005-2006	2007		
EOH ->	22,091	0	0	21,679	0	0		
-> EOH	43,901	12,265	26,048	45,474	40,020	25,004		
Inspection	2009-2010	2010		2011		SPARE since 2023		
EOH ->	0	0		0				
-> EOH	23,214	25,181		23,353				
Inspection	2017-2019	SPARE since 2019						
EOH ->	0							
-> EOH	10,912							
Total EOH since commissioning	78,027	54,195	59,585	68,827	57,301	76,881	63,957	33,974
EOH calculation method								
Power < 20,8 MW	0,66 operation hour							
Power > 20,8 MW	1 operation hour							
Number of starts since 2008								
Unit	GG 1	GG 4	GG 2	GG 3	PT 3	PT 4	PT 2	PT 1
Current position: GT n°	GT 1	Spare	GT 2	GT 3	GT 3	Spare	GT 2	GT 1
Number of starts since 2008	441	505	246	235	551	366	115	411

Equipment Data

Combustion Standard: WLE

Fuel Capability: Natural gas or Diesel (Dual)

Turbine (4 of)

Manufacturer: Pratt & Whitney

Model: FT8

Rated Output: 25MW (each)

Speed: 3,000 RPM

Alternator (3 of)

Manufacturer: Alsthom

Rated Capacity: 35,077 KVA (each)

Power Factor: 0.75

Voltage: 11kV

Frequency: 50Hz

Speed: 3,000 RPM

Scope of Supply: *(per package, 3 of)*

Gas generator (GG) and power turbine (PT)

Electrical generator

Auxiliaries, such as:

- Lube oil systems for GG, PT and generator

- Starter equipment

- Water injection system

- Gas supply and gas train

- Combustion air filtration and inlet system

- Fire detection and protection systems

Control panels and local control equipment

Available spare parts





















