





50Hz Equipment List February 2018

The following equipment is selected from our database of over 6,500 units. **If you can't find what you need please send us an e-mail at mike@cess.co.uk.**







BO=Boiler CO=Compressor DE=Diesel Engine GT=Gas Turbine
STG=Steam Turbine TF=Transformer WT=Wind Turbine

	CESS Ref	Details
	<u>DEMM9541</u>	15MW Wartsila 18V46 Diesel Engine with Auxiliaries (1990) 45,000 total hours
	<u>GTMM9770</u>	1 x 24MW GE Frame 5 Gas Turbine with Auxiliaries. (1974) 115,000 total operational hours.

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	CESS Ref	Details
	<u>COMMM934</u>	5 x 30bar-51bar Ariel JGR/2 Reciprocating Gas Compressor + Auxiliaries (50 hours operation per unit)
	<u>GTMM9414</u>	Unused 750MW CCGT: 2 x 241MW GE Frame 9FA + 2 x CMI HRSG + 1 x 276MW GE Steam Turbine (2012)
	<u>GTMM9499</u>	48MW CCGT: 1 x 37MW GE Frame 6B + 1 x 37MW Siemens Steam Turbine (1999)
	<u>GTMM9787</u>	165MW CCGT: 3 x 46MW GE LM6000PC Gas Turbine + 1 x 37MW BHEL Steam Turbine (2000)
	<u>GTMM9797</u>	220MW CCGT: 1 x 140MW Siemens V94.2 + 1 x 80MW Ansaldo Steam Turbine with Auxiliaries (2002)
	<u>DEMM9550</u>	6 x New & Unused 1MW Cat 3516B Containerised units under warranty until June 2017

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	CESS Ref	Details
	<p><u>DEMM9551</u></p> <p>+</p> <p><u>DEMM9552</u></p>	<p>14 x 500kW Cat 3412 Containerised</p> <p>+</p> <p>6 x 250kW Cat C15 Containerised</p>
	<u>MM1607048</u>	TWO X 70MW GAS TURBINE DIVERTER VALVES AND BYPASS STACKS UNUSED
	<u>GTMM9698</u>	<p>2 x LM5000 Sprint 120 units 11.5/13.8 kV (1998)</p>
	<u>COMMM933</u>	<p>suction = 20barg, discharge = 70barg. Design flow 40 mmscf/d.</p>
	<u>DEMM9535</u>	<p>75 X 2000KVA 50 HZ 400V CATERPILLAR 3516B CONTAINERISED GEN SETS</p>
	<u>GTMM9718</u>	<p>Dual fuel GE Alstom Frame 5371PA 28.3MW Gas Turbine CHP</p>

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	CESS Ref	Details
	<u>STGMM9378-9380</u>	Various 3MW, 6MW +12MW biomass, wood-waste and coal-fired Boilers & Steam Turbine plants (2003)
	<u>MM1409179</u>	4 X 135kV Circuit Breakers €295,000 for all 4 Ex-Works As-Is, Where-Is
	<u>STGMM9318-9</u>	2 X Ansaldo 12.5-15MW 11 kV Steam Turbines in CCGT 70 Bar 500 C
	<u>STGMM9376</u>	2 x 500MW Parsons coal- fired steam turbines & boiles, etc. 1976
	<u>GTMM9333</u>	21.9MW 50 Hz GE LM2500PE Gas Turbine 6.3 kV CCGT with 4.9MW Alstom steam turbine 120,000 hours
	<u>GTMM9298</u>	70MW 50 Hz GE Frame 6FA gas turbine gen set + 32MW Pignone steam turbine generator with 11.5/132 kV T/F (1998)

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	CESS Ref	Details
	<u>STGMM9402</u>	New & Unused Toshiba 215MW, 18 kV, 50 Hz Steam Turbine Gen set 104 Bar Condensing (2009)
	<u>GTMM9622</u>	Zero houred Pratt & Whitney dual fuel 50+MW Twinpac units 3 x FT4C-1D 4 x FT4C-3F 50 Hz, 11 kV (1977-80)
	<u>DEMM9486</u>	4 x Cat G3613 6.6 kV 3655kW 35044-37210 hrs (2000)
	<u>STGMM9423</u>	7.8MW, 63/10 Bar Blohm & Voss Backpressure Steam Turbine + 11 kV, 50 Hz, VA Tech Elin Alternator (2001)
	<u>DEMM7058</u>	4 x 22MW 50Hz, 11kV, Pielstick 18PC4-2B HFO/Diesel Generator Sets, +/- 20,000 hrs, (2000-2002)
	<u>DEMM9537</u>	2 X 2.3MW HFO 11 KV NIIGATA DIESELS. TEST RUN ON SITE IN PAKISTAN

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	CESS Ref	Details
	<u>ALTMM936</u>	New & Unused 1100kVA EME 6-pole, 400V 1000 RPM (2012)
	<u>STGMM9353</u>	6MW, 50 Hz, Thermodyne Boiler & Bellis-Toyi Denki Biomass Plant (2000)
	<u>DEM9447</u>	New & unused (2014) 3.4MW 50 Hz Huatai Fujian HTP3400 1,000 RPM Diesel Generator
	<u>TFMM967</u>	5 X 80 MVA ONAN 60%, ONAF 100%) 110kV/11kV off-circuit tap changers +/- 2 x 2.5% Ynd11 (2014)
	<u>TFMM966</u>	2 X 80 MVA ONAN 60%, ONAF 100%) 220kV/11kV off-circuit tap changers +/- 2 x 2.5% Ynd11 (2014)
	<u>STGMM9379</u>	12MW KALUGA Biomass/Coal fired Power Plant (2003)

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	CESS Ref	Details
	<u>DEMM9478</u>	4 x 47.5MW, Hyundai 12K90MC-S 50Hz, 11/132kV, HFO/Diesel Gen Sets, +/- 90,000 hrs, (2000)