

Statement of Qualifications & Technical Data

By



September 17, 2008

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the intended recipient.**



Section I Executive Summary

ProEnergy Services ("ProEnergy") is pleased to provide this information for your project needs in Venezuela. We can provide a complete turnkey job to Corpoelec with the following services:

- Procurement of the equipment
- Engineering of the site
- Installation
- Construction Management
- Startup and Commissioning
- Operation and Maintenance with an LTSA

This summary comprises a detailed description of:

- ProEnergy's Corporate Profile and History
- ProEnergy's Organization and Experience

Our team prides itself on providing high-quality workmanship on time and at a cost-effective price. We pride ourselves on turnkey project execution, we deliver efficient productivity through proactive planning, project management, quality assurance and attention to safety.

Why select ProEnergy Services?

A compelling rationale exists for Corpoelec to select ProEnergy Services as your EPC, Startup and commissioning, O&M/LTSA Services provider:

- ProEnergy is fundamentally different from industry competitors. We aren't just another contractor; ProEnergy is an extension of your management team. Our integrated collaboration strategy keeps all eight of our comprehensive business units connected which enable us to streamline business processes.
- ProEnergy's management team has a proven track record providing superior services and leadership in similar plants both domestically and internationally. Additionally, the expertise of our management provides innovative solutions to respond to the challenges of the rapidly changing technology in the power industry.

Our ***Engineering, Procurement, Construction (EPC)*** ProEnergy provides engineering and design for civil, mechanical, electrical, process, and I & C engineering needs. We then provide an expert project management team to ensure that each project is completed with an intense commitment to safety, quality, and finishing on time and within budget.

- Our ***Technical Services*** supports plant performance reviews and performs periodic assessments to ensure performance goals are met. We provide startup and commissioning services as well as site specific operating procedure development, training, CMMS implementation, and mobilization services. This service is customize to the specific needs of the project.
- Our ***Operations and Maintenance (O&M)*** provides a wide range of services from total care, custody and control to peak season staff augmentation. ProEnergy's operations and maintenance philosophy is one that focuses on *safely* maximizing plant/equipment reliability, availability, and



performance while maintaining a balanced, cost effective approach over an asset's life, so as to protect its long-term value.

- Our **Professional Services** brings added value by providing specific subject matter experts when required.

Our **Equipment and Parts Services** provides a wide variety of generators, generator systems, diesel and gas turbines, along with parts and accessories from Original Equipment Manufacturers and aftermarket suppliers. Our wide range of power products is supported by our expert technical staff to ensure that our customers maintain seamless power generation. Our team has proven international project experience and capability.

- Our **Field Services** provides clients with the resources and expertise to organize and execute planned and unplanned maintenance work scopes. This includes routine or major maintenance of the gas and steam turbine generators, auxiliary systems and equipment, boilers and HRSG's, and their control systems. The field services group can provide equipment and tools, technical supervision, and project management.
- Our **Fabrication Shop** provides services to execute projects for industrial customers around the world, as well as close to home. ProEnergy manufactures, retrofits, installs and tests a variety of steel products used in construction, operation and maintenance for industrial customers in manufacturing, food processing, fuel refining, material handling, water treatment, and chemical/petroleum refining processes. We manufacture, install, and retrofit a vast range of steel products using Qualified Welding Procedures which are completed under ASME and NBIC Code Stamps. We also offer independent third party destructive and non-destructive testing and are currently pursuing ISO 9001:2008 Certification.
- ProEnergy has offices in Sedalia, Missouri; Atlanta, Georgia; Houston, Texas; Tulsa, Oklahoma; Caracas, Venezuela; Buenos Aires, Argentina; Lahore, Pakistan; and Merida, Mexico to support worldwide operations.

Why select ProEnergy Services?

ProEnergy Services is the right teaming partner for your company! ProEnergy Services has talent, depth of experience and resources unparalleled in the power generation industry. When you succeed, we succeed. Our Service Agreement gives long-term security and confidence that their assets are well maintained. ProEnergy Services will win your confidence and your business one job at a time, starting now!



7EA SCOPE OF SUPPLY

Includes one complete combustion turbine generator unit with GE's standard equipment as well as special accessories and services detailed below.

- Lubricating oil system with water/oil coolers and stainless steel supply oil piping and carbon steel return oil piping common to the combustion turbine and generator
- Natural gas valve train and control package
- On and off line compressor water wash system
- 4,160V AC motor starting system
- Hydraulic ratchet rotor turning system arranged for automatic engagement and disengagement complete with a jog switch
- Inlet silencer, self-cleaning pulse type filters, ductwork expansion joints & supports
- Exhaust flange
- Enclosure with acoustic treatment and barrier walls along the GT exhaust plenum
- Control and protection system including provisions for interconnection to Purchaser's DCS system via an RS232C (Modbus)
- Vibration and temperature instrumentation and monitoring system including a Bentley-Nevada system for interfacing with the Purchaser's DCS
- Mark V turbine control system that includes one (1) local and one (1) remote Windows based interface system
- Inlet bleed heating system including the inlet duct bleed heat manifold and the GT air extraction piping system
- Air intake anti-icing provisions
- Coolers designed with 90-10 copper nickel tubes
- On base instruments include: platinum stator RTDs, oil & bearing thermocouples, flux probe and Bentley vibration probes
- All electrical equipment meets CSA codes
- Generator line side equipment located in a skid mounted enclosure complete with generator circuit breaker, draw-out voltage transformers, surge protection and one set of current transformers
- Generator neutral grounding equipment located in a skid mounted enclosure complete with four sets of current transformers
- Redundant generator protections (GE DGP and Multilin SR-489 relays)
- Generator control through the Mark V turbine control system includes: auto-synchronizing, metering, isochronous and droop control modes
- Space heater

Georgia
1395 S. Marietta Pkwy
Suite 218
Marietta, Georgia 30067

Missouri
2001 Adams Road
Sedalia, MO 65301

Texas
616 FM 1960 West
Suite 750
Houston, Texas 77090

ProEnergy Services de Venezuela C.A.
Urbanización Los Caobos, Paseo Colón,
Torre Polar Oeste, Piso 4, Oficina 4-C
Plaza Venezuela - Caracas
Venezuela





7EA FACT SHEET

Simple Cycle Performance	60Hz Power Generation	Mechanical Drive
Output	85.4 MW	115630 hp
Heat Rate	10420 Btu/kWh (10991 kJ/kWh)	9795 Btu/shp-hr
Pressure Ratio	12.6:1	11.9:1
Mass Flow	643 lb/sec (292 kg/sec)	659 lb/sec (299 kg/sec)
Turbine Speed	3600 rpm	3600 rpm
Exhaust	998°F (537°C)	998°F (537°C)
Model Designation	PG7121EA	M7121EA

Combined Cycle Performance	60Hz (S109EA)	60Hz (S207EA)
Net Plan Output	103.2 MW	263.6 MW
Heat Rate	6800 Btu/kWh (7175 kJ/kWh)	6700 Btu/kWh (7070 kJ/kWh)
Net Plant Efficiency	50.2%	50.9%
GT Number & Type	1 x MS7001EA	2 x MS7001EA

Generator

Manufacturer	Brush
Type	BDAX 8-365er (Brushless)
Excitation System	GE Ex2000 Terminal
Voltage	13.8 Kv, 2 Pole, 3 Phase, Wye Connection Frequency 60 Hertz
Power Factor	.85 Power Factor
Rated Output	86.53 Mw/101.8 Mva
Cooling	Air

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"Experience Our Energy"

I. SCOPE OF SUPPLY (GENERAL) FRAME 7-EA

The scope of supply includes but is not limited to the following major components: There are four of these units available, but a common control house for all four units.

- a) Four gas turbines complete with controls and auxiliary systems; required instrumentation to monitor, supervise, and alarm important operating conditions; inlet silencing equipment as well as inlet air filtering and NOx suppression systems; starting system; hydraulic ratchet rotor turning system, local control panels; a fire detection and protection system; and manufacturer's standard acoustic enclosure.
- b) Four generator complete with auxiliary systems and instruments to monitor, supervise, record, and alarm important operating conditions.
- c) One excitation system per unit.
- d) Start-up and commissioning spares.
- e) Drawings, installation, operating and maintenance instructions.
- f) Installation, start-up and field direction.
- g) Performance data at specified conditions.

The documentation and engineering interface requirements are identified as part of the scope and are detailed in the Schedule of Required Documents.

II. SCOPE OF SUPPLY FURNISHED BY (the "SELLER")

Four complete combustion turbine generator units including the Seller's standard equipment as well as special accessories and services detailed below.

The combustion turbine package includes, but is not limited to, the following:

- a) Lubricating oil system and stainless steel supply oil piping and carbon steel return oil piping common to the combustion turbine and generator
- b) Natural gas valve train and control package

- c) On and off line compressor water wash system
- d) 4,160V AC motor starting system
- e) Hydraulic ratchet rotor turning system arranged for automatic engagement and disengagement complete with a jog switch.
- f) Not applicable
- g) Not applicable
- h) Inlet silencer filters, ductwork expansion joints, supports
- i) Exhaust flange
- h) Emission control system - Dry Low NO_x, (DLN) combustion system
- k) Enclosure with acoustic treatment and barrier walls along the GT exhaust plenum
- l) Control and protection system including provisions for interconnection to Purchaser's DCS system via an RS232C (Modbus)
- m) Vibration and temperature instrumentation and monitoring system including a Bentley-Nevada system for interfacing with the Purchaser's DCS
- n) Mark V turbine control system that includes one (1) local and one (1) remote Windows based interface system
- o) Piping on skids supplied by the Seller
- p) Inlet bleed heating system including the inlet duct bleed heat manifold and the GT air extraction piping system
- q) Shop tests

Cleaning and primer painting only

Turbine-generator control panel

Fire and smoke detection and protection systems for the combustion turbine compartment and auxiliary modules and definition of hazardous area classification.

Miscellaneous electrical equipment:

- a) Packaged and pre-wired electrical module that contains: Mark V and EX2000 cubicles, generator protections, 480 V AC and 125 V DC MCCs, 125 V battery system with chargers
- b) Control devices, wiring, and cabinets within skids
Terminal boxes, conduit, and fittings within skids
- b) Lighting and convenience outlets within control panels and enclosures

III SCOPE OF SUPPLY FURNISHED BY PURCHASER

The Purchaser will furnish the following associated items and work:

- a) Site access by road and rail
- b) Site, site preparation, drainage including sumps and piping, landscaping, and fencing

- c) Warehouse and/or yard storage and security
- d) Foundations for equipment and skids
- e) Foundation plates, shims, anchor bolts, conduit and sub-sole plates
- f) Transportation erection labor and unloading services and labor
- g) Turbine building complete with overhead crane
- i) Unit service transformer
- j) Auxiliary power transformer
- i) Switchyard
- j) Connections between equipment and the local control panel
- k) Installation of master control panel
- l) Yard grounding grid and connections
- m) Power under normal conditions for gas turbine starting system, gas turbine and station auxiliaries
- n) Lubricating oil and start-up supplies including first fill of fluids and onsite flushing
- o) Motor Starter for the 4160 V starting system
- s) Not used
- t) Fuel gas in accordance with GEI-41040, Process Specification Fuel Gases for Combustion in Heavy-Duty Gas Turbines including heating to 28°C above dew point and shutoff valve located remotely from the CTG
- u) Interconnecting piping between the auxiliary skids, such as cooling water, water wash, exhaust frame blowers and fire protection systems, as applicable
- v) Unit walkways (mounting pads by Seller)
- w) Lube oil tank vent piping
- x) Exhaust frame blower piping
- y) Piping between the inlet duct bleed heat manifold and the GT air extraction piping system
- z) Cooling water systems including supply and return piping
- aa) Vent and drain piping or ducting
- bb) Ventilation ducting into the turbine building
- cc) Water for compressor cleaning system in accordance with GEK-103623, Gas Turbine Compressor Washing - Liquid Washing Recommendations
- dd) Expansion joint at the gas turbine outlet and ducting to remainder of exhaust system

General Electric Model PG7121EA Gas Turbine

Estimated Performance - Configuration: DLN Combustor

Compressor Inlet Conditions 59 F (15 C), 60% Relative Humidity

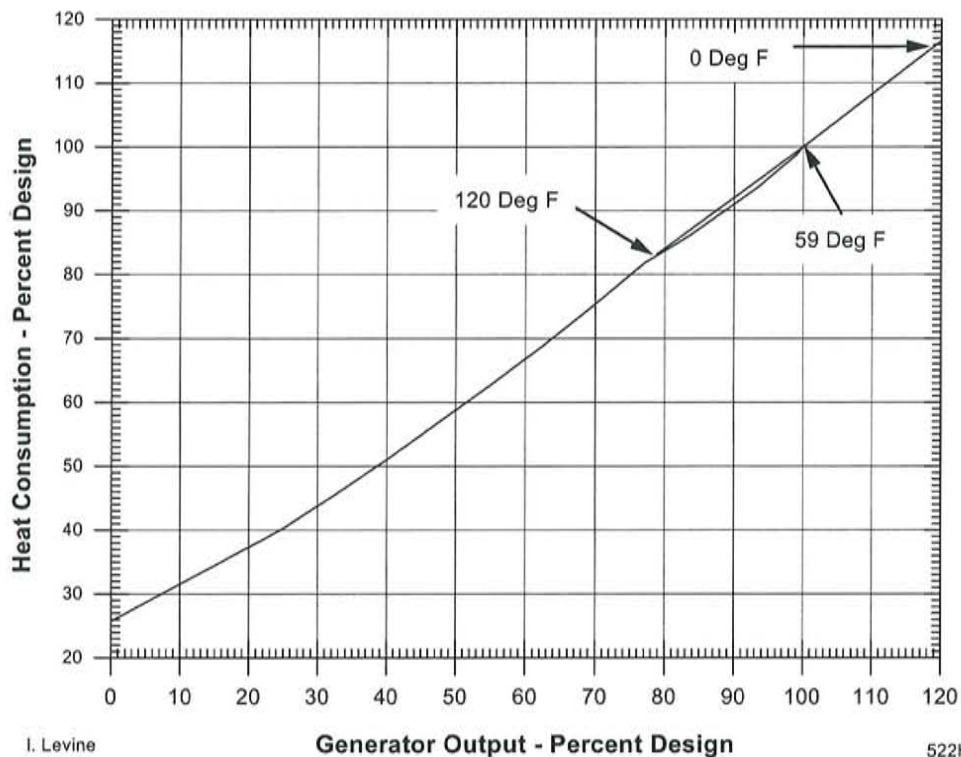
Atmospheric Pressure 14.7 psia (1.013 bar)

Fuel:		Natural Gas	Distillate
Design Output	kW	84360	82890
Design Heat Rate (LHV)	Btu/kWh (kJ/kWh)	10480 (11050)	10570 (11150)
Design Heat Cons (LHV)	Btu/h (kJ/h)x10 ⁶	884.1 (932.5)	876.1 (924.2)
Design Exhaust Flow	lb/h (kg/h)x10 ³	2361 (1071)	2368 (1074)
Exhaust Temperature	deg. F (deg. C)	998 (536.7)	999 (537.2)
Load		Base	Base

Notes:

- Altitude correction on curve 416HA662 Rev A.
- Ambient temperature correction on curve 522HA283 Rev 2.
- Effect of modulating IGV's on exhaust temperature and flow on curve 522HA284 Rev 2.
- Humidity effects on curve 498HA697 Rev. B - all performance calculated with a constant specific humidity of .0064 or less as not to exceed 100% relative humidity.
- Plant Performance is measured at the generator terminals and includes allowances for the effects of inlet bleed heating, excitation power, shaft driven auxiliaries, and 3.5 in H₂O (7.29 mbar) inlet and 5.5 in H₂O (13.70 mbar) exhaust pressure drops and a DLN Combustor.
- Additional inlet and exhaust pressure loss effects:

	% Effect on Output	% Effect on Heat Rate	Effect on Exhaust Temp.
4 in Water (10.0 mbar) inlet	-1.40	0.42	1.9F (1.0C)
4 in Water (10.0 mbar) exhaust	-0.42	0.40	1.8F (1.0C)



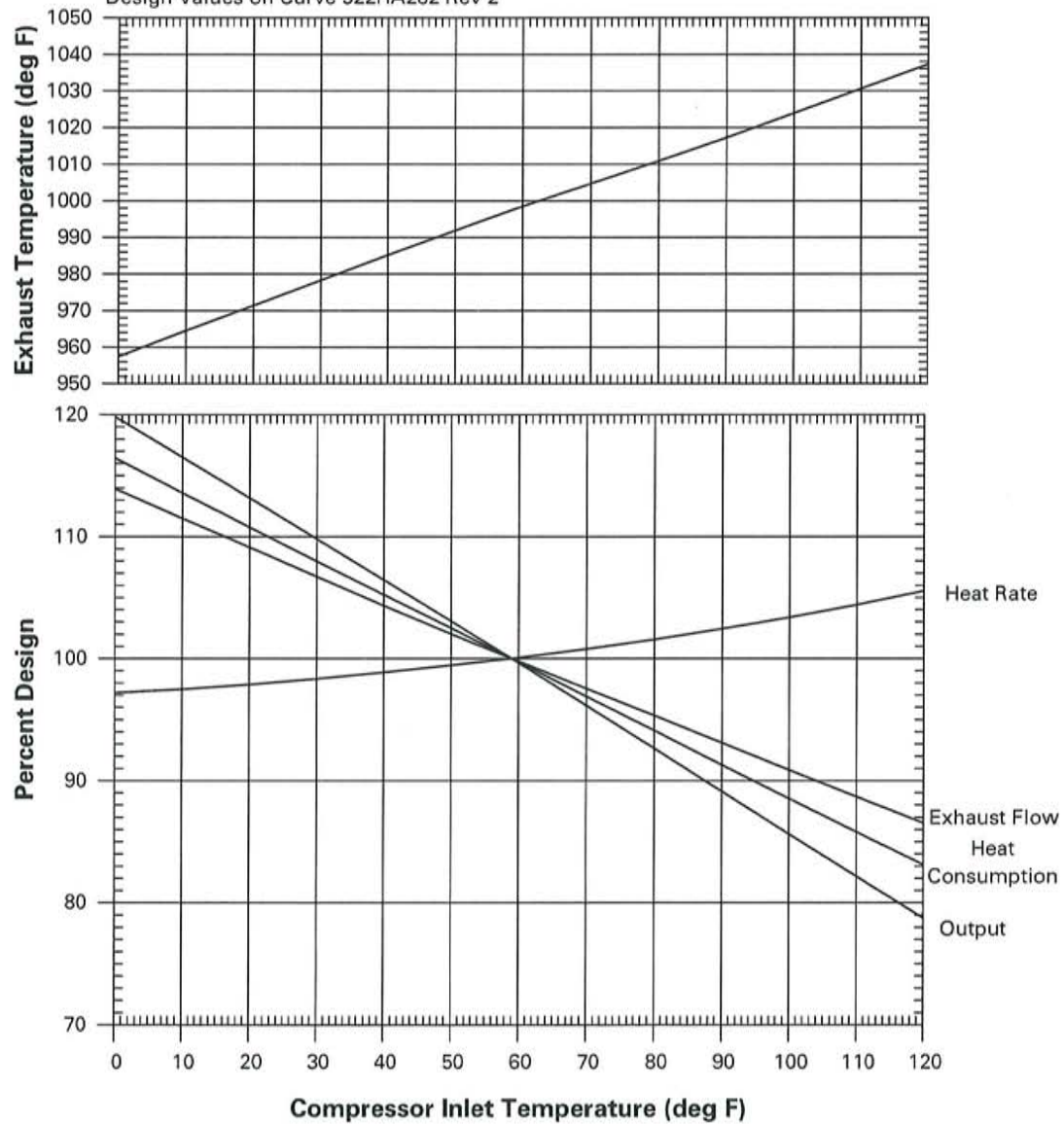
GENERAL ELECTRIC MODEL PG7121EA GAS TURBINE

Effect of Compressor Inlet Temperature on
Output, Heat Rate, Heat Consumption, Exhaust Flow
And Exhaust Temperature at Base Load and 100% speed.

Configuration: DLN Combustor

Fuel: Natural Gas

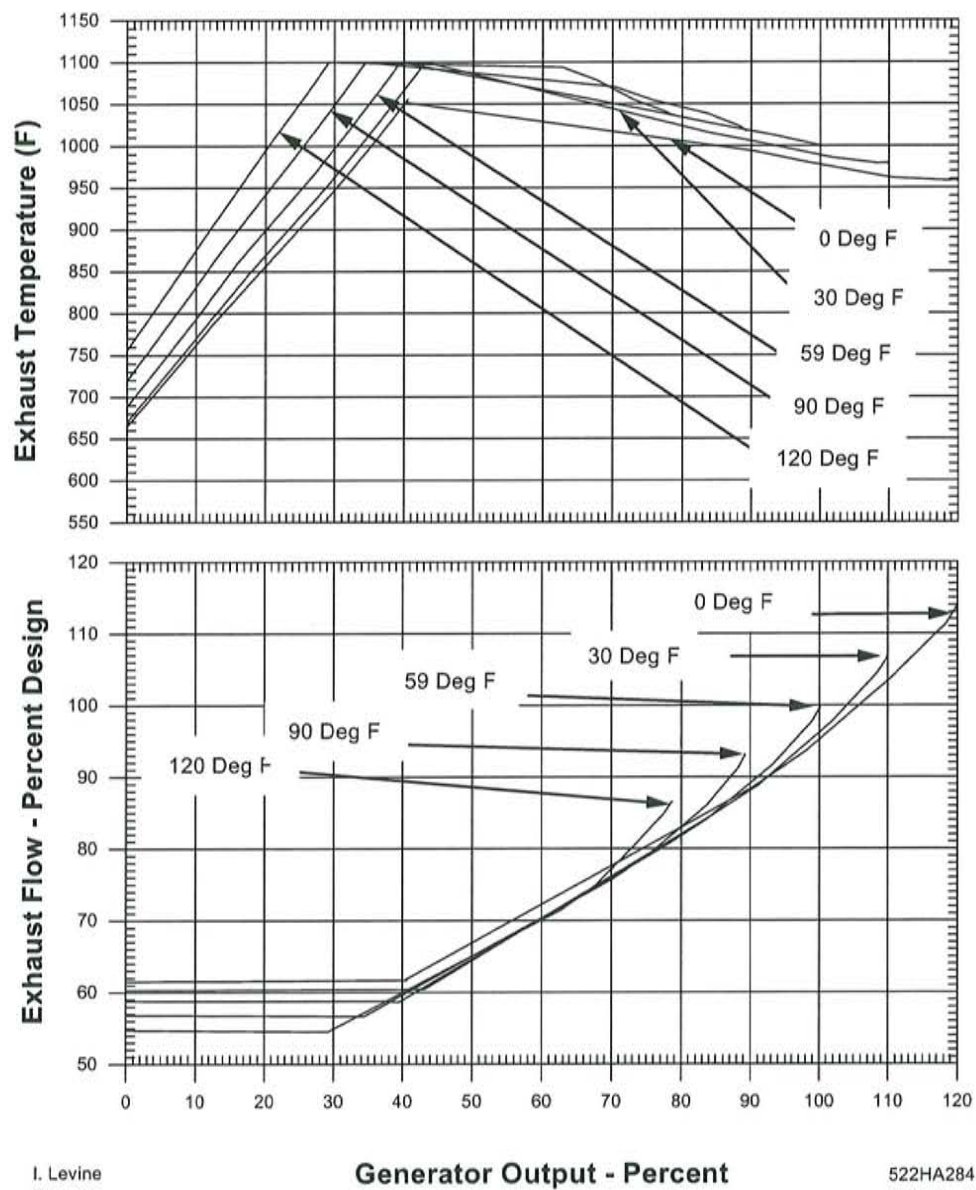
Design Values on Curve 522HA282 Rev 2



GENERAL ELECTRIC MODEL PG7121EA GAS TURBINE

Effect of Inlet Guide Vane on Exhaust Flow and Temperature As a Function of Output and Compressor Inlet Temperature

Fuel: Natural Gas
Design Values on Curve 522HA282 Rev 2



GENERAL ELECTRIC GAS TURBINE ALTITUDE CORRECTION CURVE

ALTITUDE VS ATMOSPHERIC PRESSURE

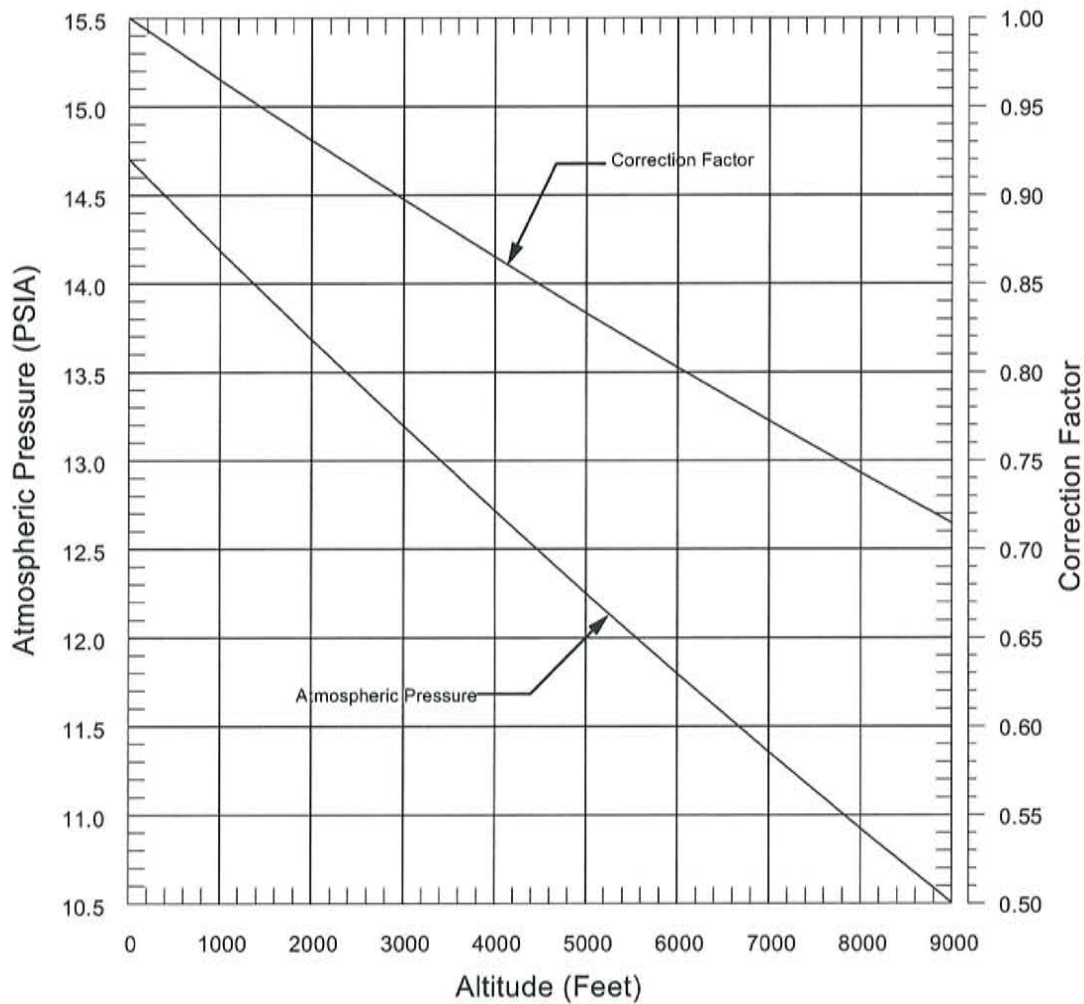
AND

ALTITUDE VS CORRECTION FACTOR

FOR GASTURBINE OUTPUT, FUEL CONSUMPTION, AND EXHAUST FLOW

NOTES:

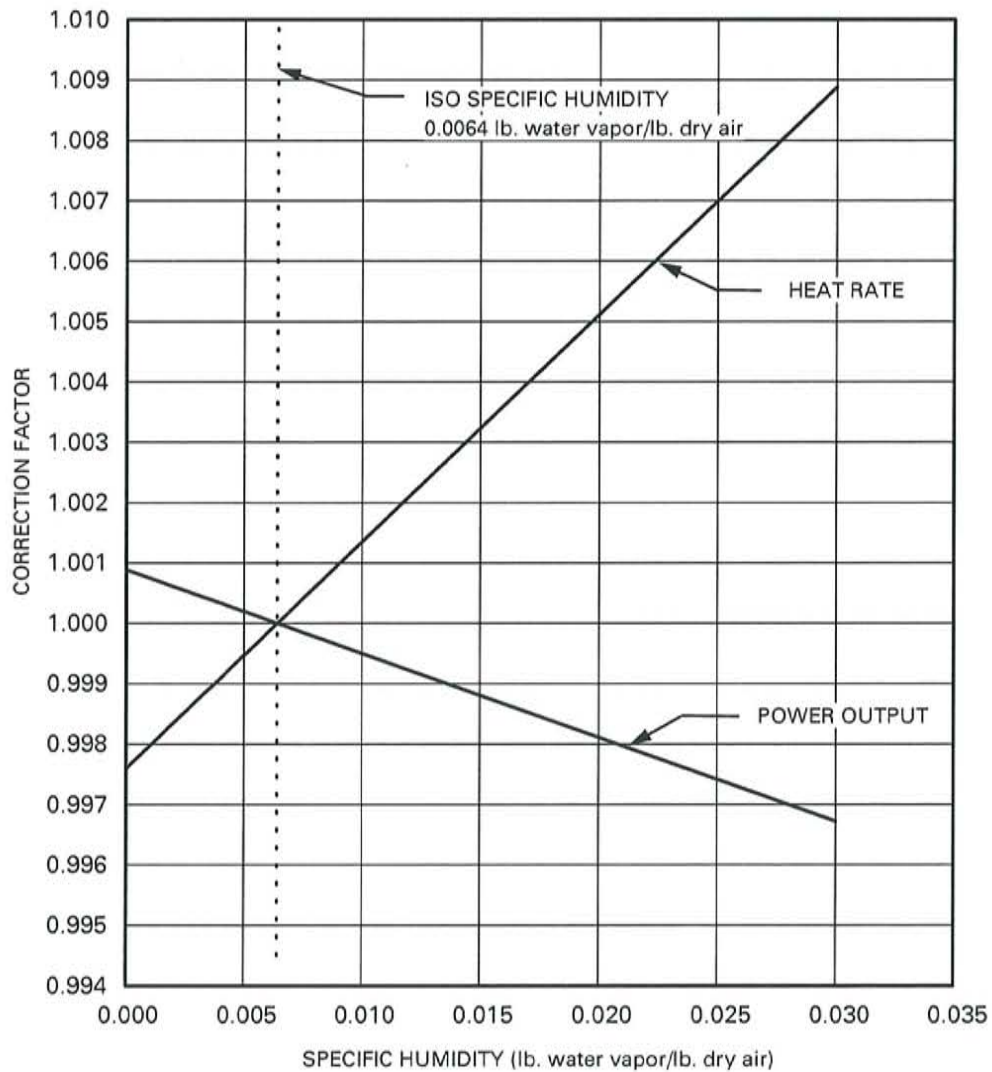
1. Exhaust Temperature, Heat Rate, and Thermal Efficiency are not affected by altitude.
2. Correction Factor = $P(\text{atm})/14.7$



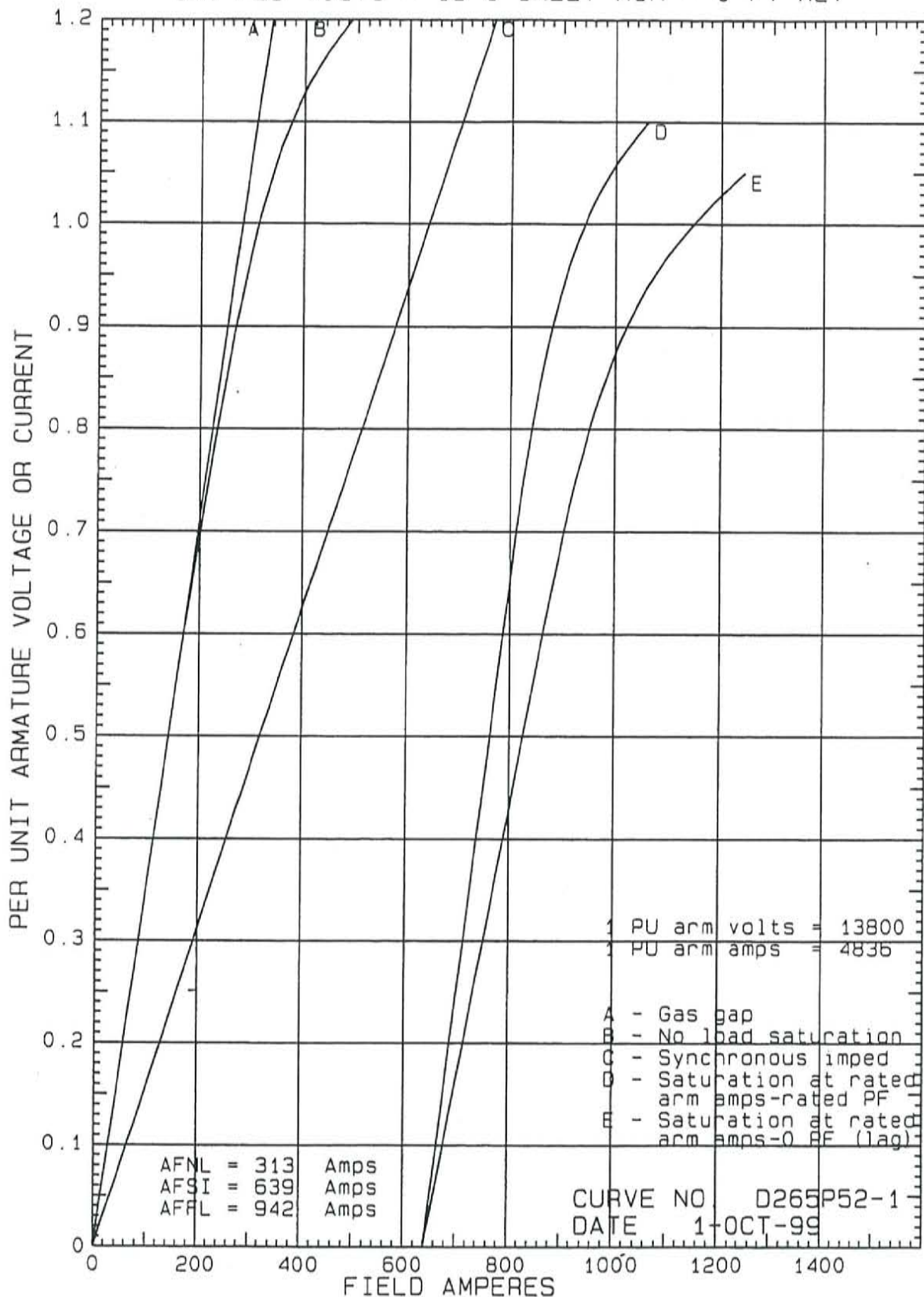
General Electric MS6001, MS7001 And MS9001 Gas Turbines

Corrections To Output And Heat Rate
For Non-Iso Specific Humidity Conditions

For Operation At Base Load On Exhaust
Temperature Control Curve



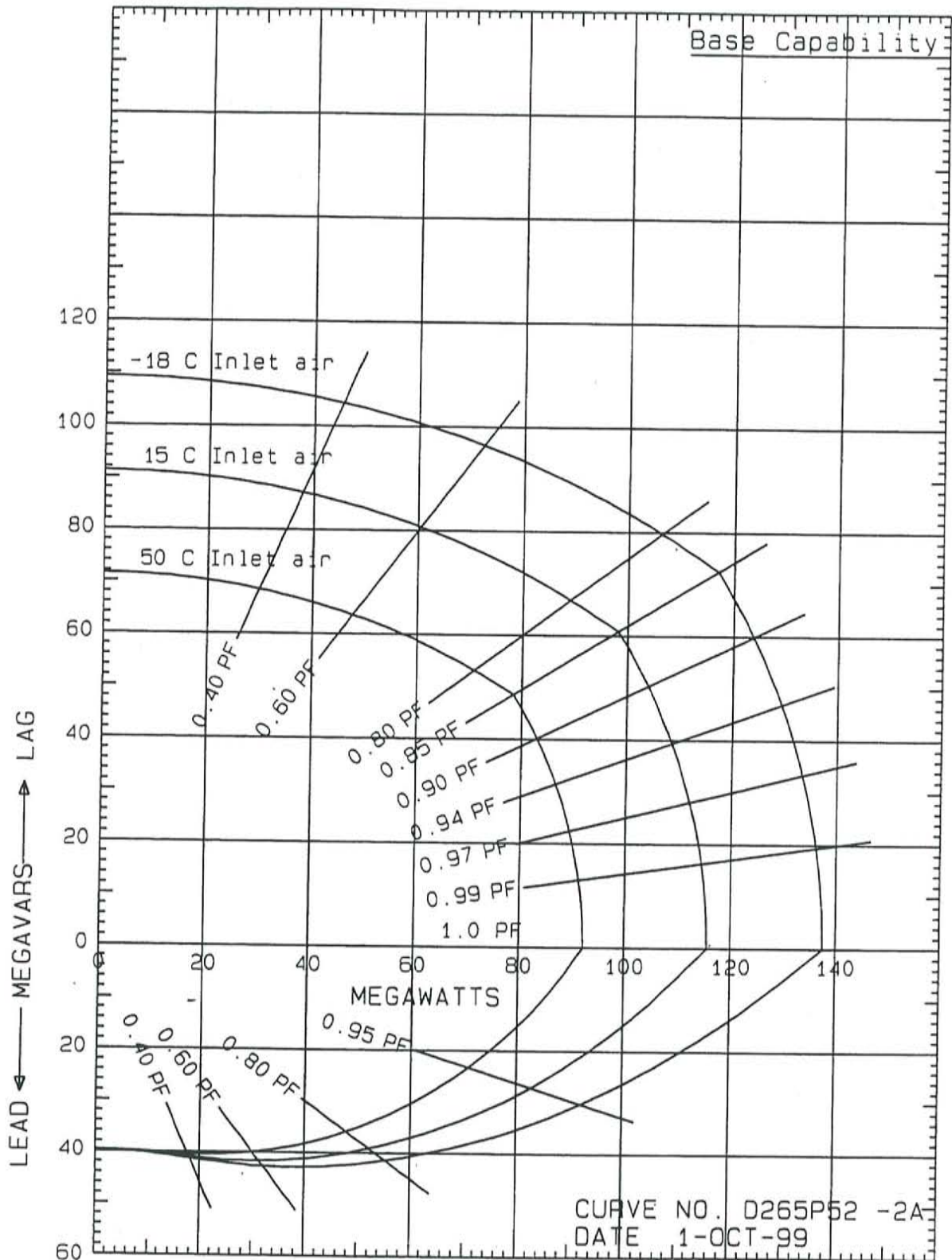
ESTIMATED SATURATION AND SYNCHRONOUS IMPEDANCE CURVES
 115600 KVA - 3600 RPM - 13800 VOLTS - 0.85 PF
 300 FLD VOLTS - 15 C INLET AIR - 0 FT ALT



ESTIMATED REACTIVE CAPABILITY CURVES

115600 KVA - 3600 RPM - 13800 VOLTS - 0.85 PF

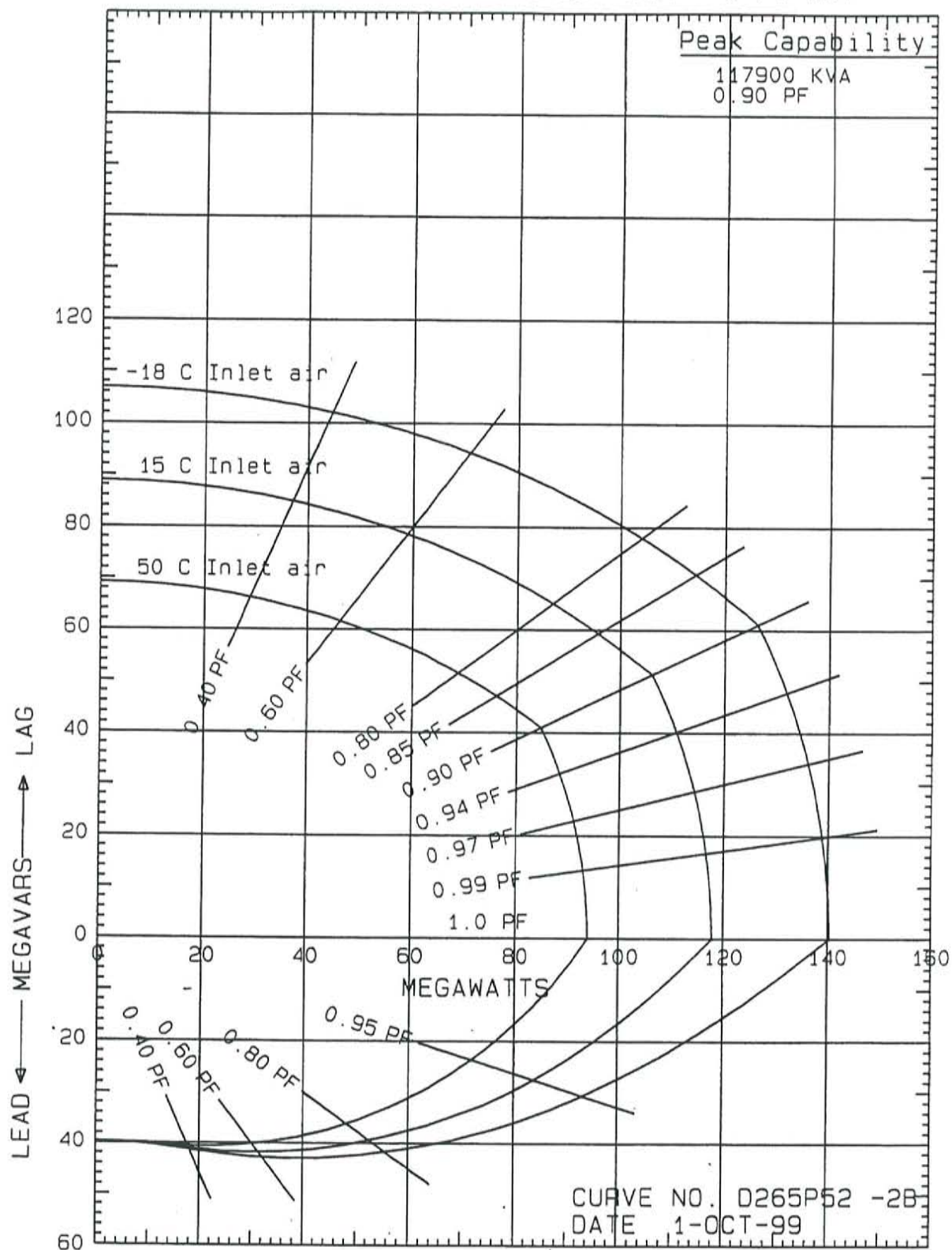
300 FLD VOLTS - 15 C INLET AIR - 0 FT ALT



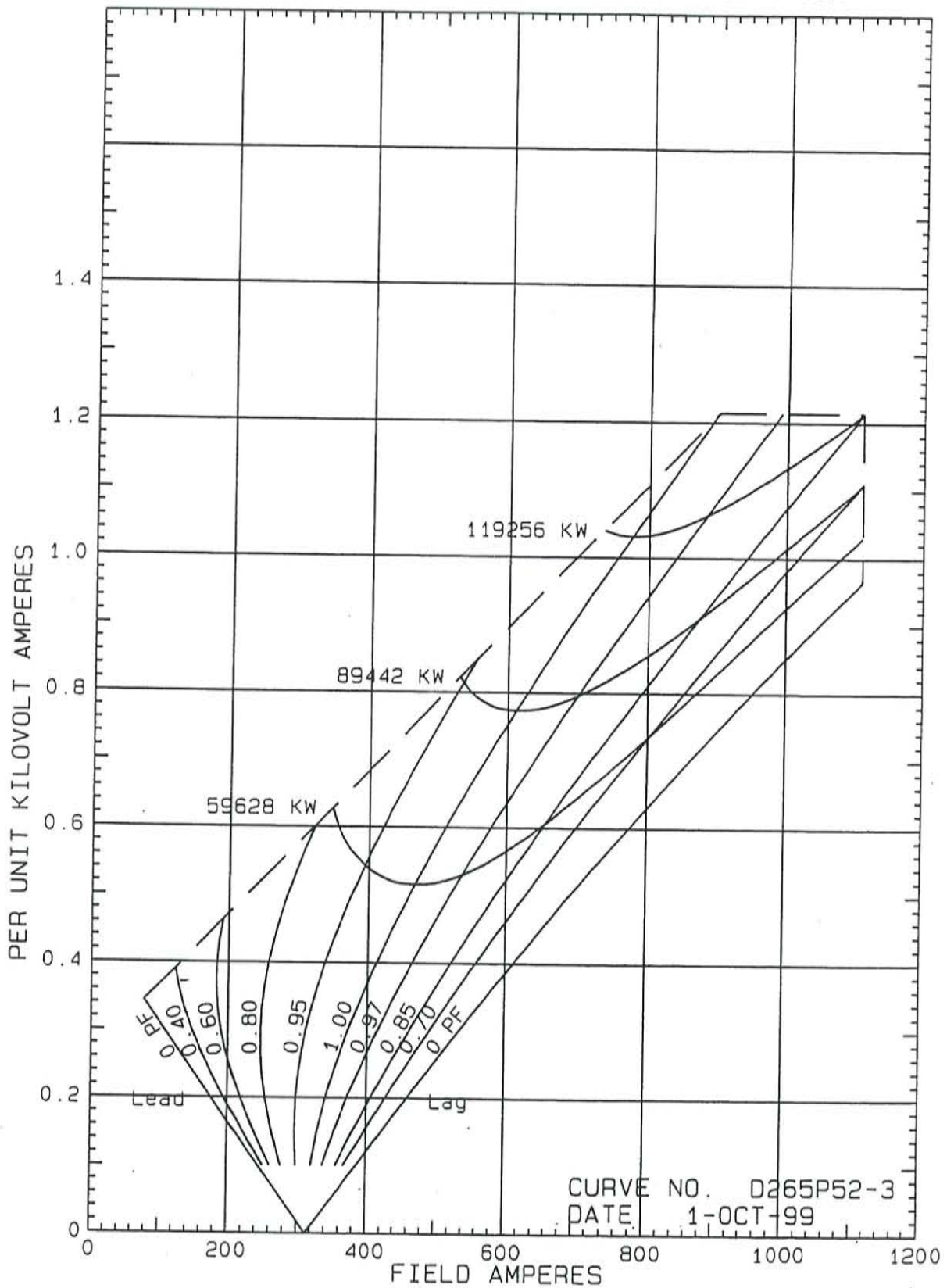
ESTIMATED REACTIVE CAPABILITY CURVES

115600 KVA - 3600 RPM - 13800 VOLTS - 0.85 PF

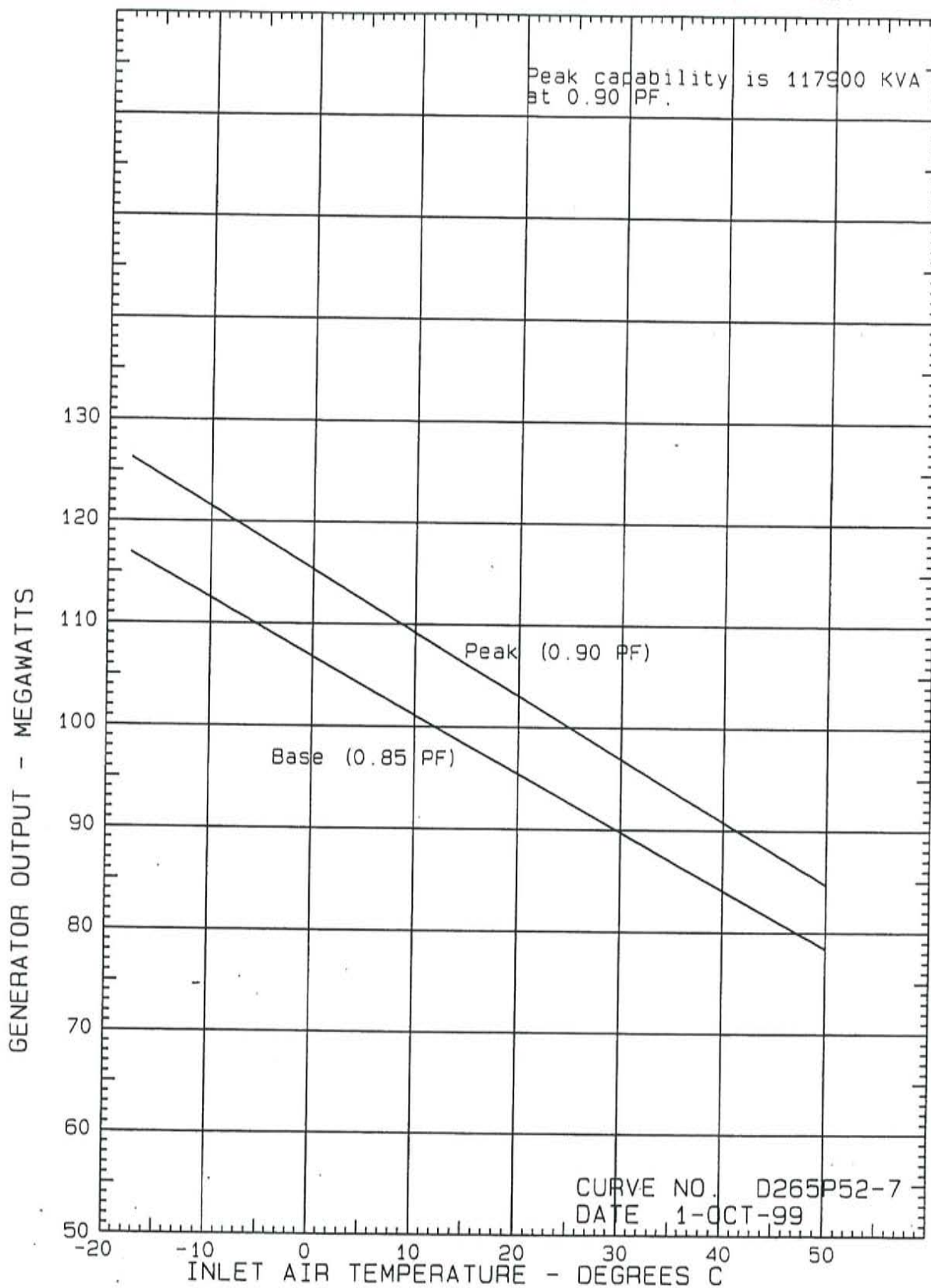
300 FLD VOLTS - 15 C INLET AIR - 0 FT ALT

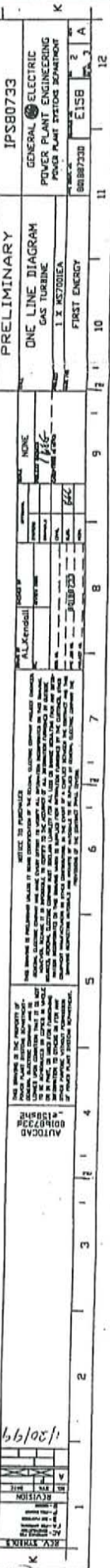


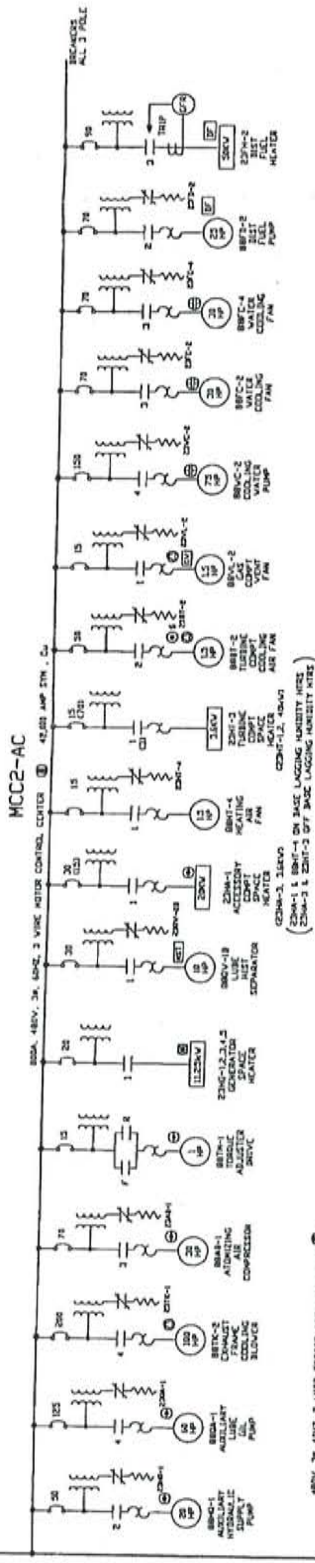
ESTIMATED EXCITATION V CURVES
115600 KVA - 3600 RPM - 13800 VOLTS - 0.85 PF
300 FLD VOLTS - 15 C INLET AIR - 0 FT ALT



GENERATOR OUTPUT AS A FUNCTION OF INLET AIR TEMPERATURE
115600 KVA - 3600 RPM - 13800 VOLTS - 0.85 PF
300 FLD VOLTS - 15 C INLET AIR - 0 FT ALT



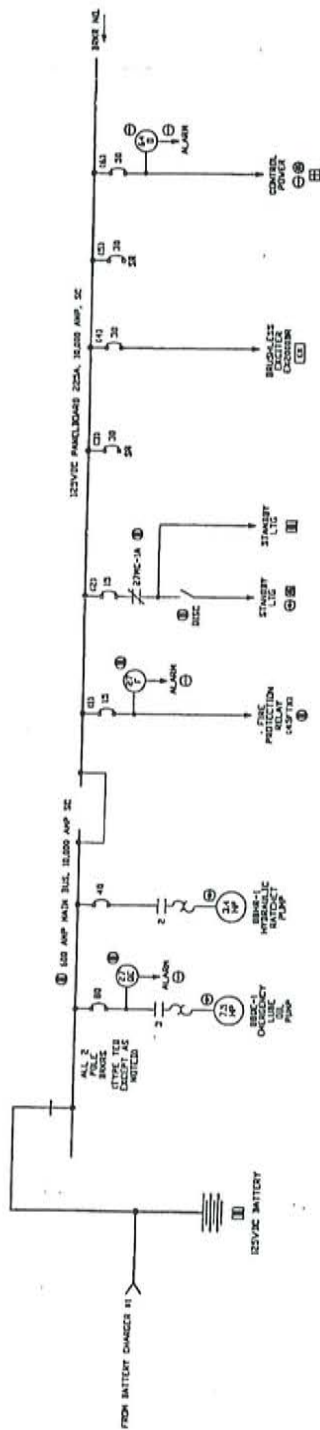




34	BINDERS 65KA	SPECTRA TYPE
	Q-10A	SELECT3
	15-150A	SELECT3
	175-250A	SELECT3

MOTOR SPACE HTR
(TYPICAL)
MOTOR SPACE HTR
(OPTIONAL)

Q17C. THE DEVICE SUMMARY CHIEF TO
VERIFY MOTOR AND HEATER RATINGS.

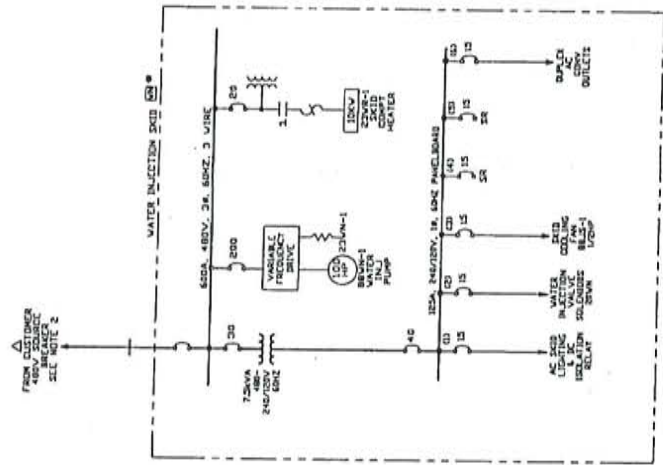
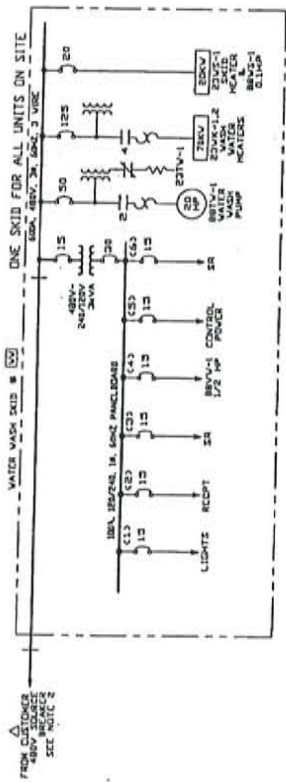


46/05/

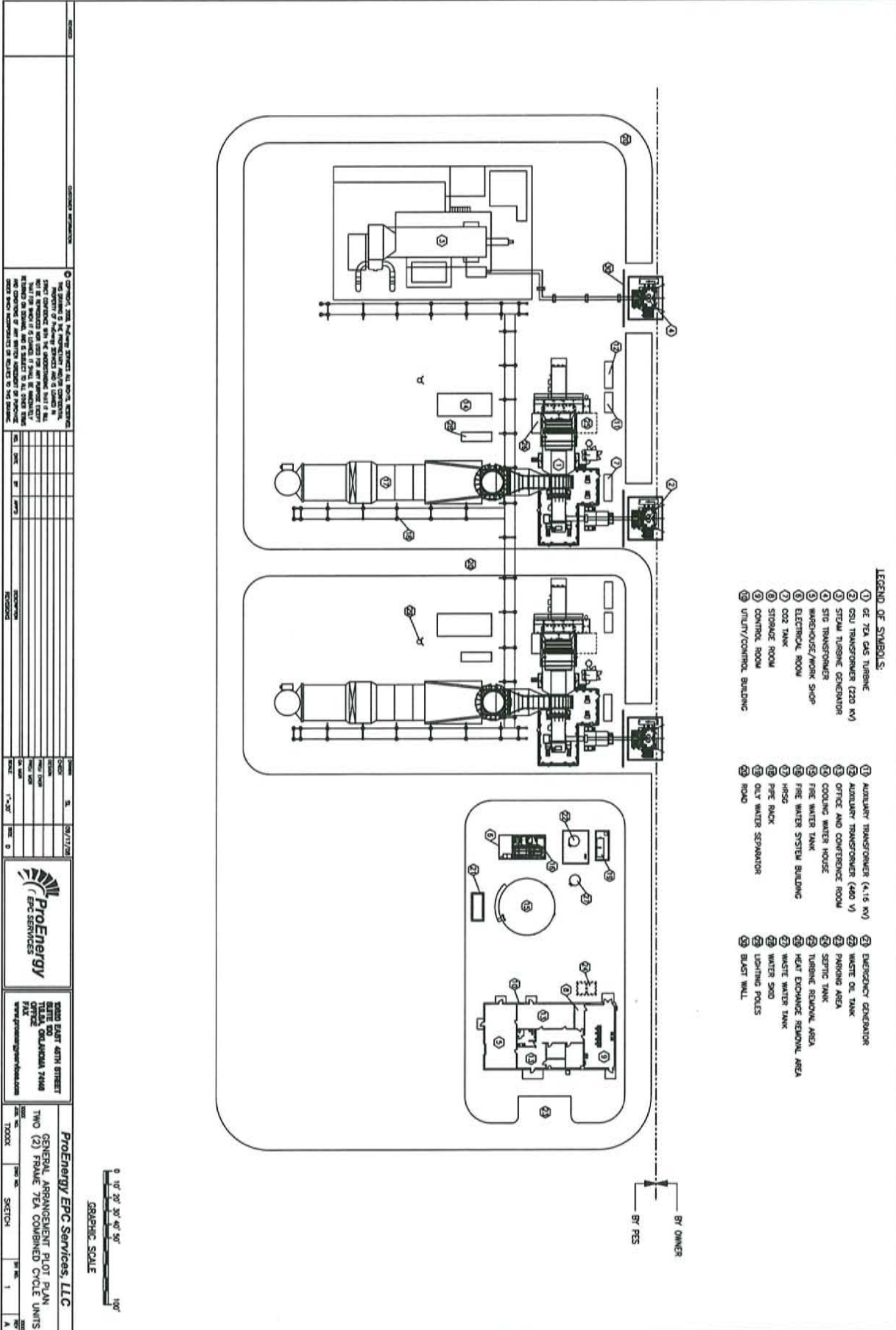
[illegible]

1/10/99

REV		DESCRIPTION		DATE		BY		APP	
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<p>1. This drawing is the property of General Electric Company and is not to be reproduced without written permission of General Electric Company. It is to be used only for the purpose for which it was prepared and is not to be used for any other purpose without the written permission of General Electric Company.</p>									
<p>2. This drawing is the property of General Electric Company and is not to be reproduced without written permission of General Electric Company. It is to be used only for the purpose for which it was prepared and is not to be used for any other purpose without the written permission of General Electric Company.</p>									
<p>3. This drawing is the property of General Electric Company and is not to be reproduced without written permission of General Electric Company. It is to be used only for the purpose for which it was prepared and is not to be used for any other purpose without the written permission of General Electric Company.</p>									
<p>4. This drawing is the property of General Electric Company and is not to be reproduced without written permission of General Electric Company. It is to be used only for the purpose for which it was prepared and is not to be used for any other purpose without the written permission of General Electric Company.</p>									
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<p>6. This drawing is the property of General Electric Company and is not to be reproduced without written permission of General Electric Company. It is to be used only for the purpose for which it was prepared and is not to be used for any other purpose without the written permission of General Electric Company.</p>									
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<p>12. This drawing is the property of General Electric Company and is not to be reproduced without written permission of General Electric Company. It is to be used only for the purpose for which it was prepared and is not to be used for any other purpose without the written permission of General Electric Company.</p>									



PRELIMINARY		ONE LINE DIAGRAM		GAS TURBINE		1 X 45000EA		FIRST ENERGY	
IPS80733		GENERAL ELECTRIC		POWER PLANT ENGINEERING		POWER PLANT STUDIOS DEPARTMENT		801B8733D E15B	
A		F		I		K		12	



DateIn	PackageID	GWWeight	Length	Width	Height	Description	Notes	DateOut	Shipper	Other1	Other2	Other3	Other4	Other5
2/19/2002	2A07607	2015	78	70	11	COOLING WATER MODULE								
2/19/2002	2A07608	1909	188	22	29	COOLING WATER MODULE								
2/19/2002	2A07609	5938	159	53	80	COOLING WATER MODULE								
2/19/2002	2A07610	520	59	43	32	COOLING WATER MODULE								
2/19/2002	2A07611	1469	118	39	39	COOLING WATER MODULE								
2/20/2002	2A07601	13263	468	85	50	COOLING WATER MODULE								
2/20/2002	2A07602	7774	162	87	79	COOLING WATER MODULE								
2/20/2002	2A07603	439	57	37	43	COOLING WATER MODULE								
2/20/2002	2A07604	3153	145	39	85	COOLING WATER MODULE								
2/20/2002	2A07605	1625	145	39	54	COOLING WATER MODULE								
2/20/2002	2A07606	1965	86	81	34	COOLING WATER MODULE								
2/28/2002	1131301	441	78	21	25	COUPLING GEAR								
2/28/2002	2131301	441	78	21	25	COUPLING GEAR								
3/4/2002	1B9XF01	1932	41	41	28	POSITION PLATES								
3/5/2002	1164301	1900	84	60	70	VENT FAN								
3/5/2002	1A13001	1600	85	64	102	AIR PROCESSING UNIT								
3/5/2002	1B9DD01	3350	126	120	44	DUCTING								
3/5/2002	1B9DD02	3050	102	84	48	DUCTING								
3/5/2002	1B9DD03	750	126	82	50	DUCTING								
3/5/2002	1G2N001	800	150	26	55	G2N-C02 DAMPER								
3/5/2002	2123301	2040	60	88	64	BLOWER, EXHAUST								
3/5/2002	2123302	2040	60	88	64	BLOWER, EXHAUST								
3/5/2002	2164301	1900	84	60	70	VENT FAN								
3/5/2002	2A13001	1600	85	64	102	AIR PROCESSING UNIT								
3/6/2002	1A08701	3000	67	48	110	MOTOR STARTER								
3/6/2002	1A08702	750	42	34	110	MOTOR STARTER								
3/6/2002	1A08703	11750	99	60	95	MOTOR STARTER								
3/6/2002	2A08701	3000	67	48	110	MOTOR STARTER								
3/6/2002	2A08702	750	42	34	110	MOTOR STARTER								
3/6/2002	2A08703	11750	99	60	95	MOTOR STARTER								
3/7/2002	1104401	397	50	28	26	VL7 AIR								
3/7/2002	103N001	360	48	42	36	COUPLING GUARD								
3/7/2002	1G4K001	725	48	42	75	MIST ELIMI FIELD MOD								
3/8/2002	1163405	16830	408	138	48	ENCLOSURE								
3/8/2002	1163406	10670	163	152	64	ENCLOSURE								
3/8/2002	1163407	3640	144	52	52	ENCLOSURE								
3/8/2002	1A10601	3000	67	48	110	LOW VOLTAGE UNIT								
3/8/2002	1A10602	750	42	34	110	LOW VOLTAGE UNIT								
3/8/2002	1A10603	11750	99	60	95	LOW VOLTAGE UNIT								
3/8/2002	2A10601	3000	67	48	110	LOW VOLTAGE UNIT								
3/8/2002	2A10602	750	42	34	110	LOW VOLTAGE UNIT								
3/8/2002	2A10603	11750	99	60	95	LOW VOLTAGE UNIT								
3/11/2002	1092001	100	24	24	12	FALSE START DRAIN								
3/11/2002	1092401	6941	240	96	48	PIPING AIR EXTRACTION								
3/11/2002	1163401	5860	288	165	13	ENCLOSURE								
3/11/2002	1163402	6080	288	165	16	ENCLOSURE								
3/11/2002	1163403	4220	288	106	27	ENCLOSURE								
3/11/2002	1163404	3860	288	100	18	ENCLOSURE								
3/11/2002	1969B01	382	48	24	24	PPG LUBE OIL								
3/11/2002	1A18401	7684	264	84	48	INLET HEAT								
3/11/2002	2092001	105	24	24	12	FLASE START DRAIN								
3/11/2002	2092401	6941	240	96	48	PIPING AIR EXTRACTION								
3/11/2002	2163401	5860	288	165	13	ENCLOSURE								
3/11/2002	2163402	6080	288	165	16	ENCLOSURE								
3/11/2002	2163403	4220	288	106	27	ENCLOSURE								
3/11/2002	2163404	3860	288	100	18	ENCLOSURE								
3/11/2002	2163405	16830	408	138	48	ENCLOSURE								
3/11/2002	2163406	10670	163	152	64	ENCLOSURE								

3/21/2002	1A18601	6316	144	96	48 INTCON EXHAUST
3/21/2002	1MS1401	5875	168	60	48 CLG WTR PIPING
3/21/2002	2104401	401	50	28	26 VLV AIR
3/21/2002	2160201	1934	170	48	45 WALKWAY ARR UNIT
3/21/2002	2160202	5180	88	48	61 WALKWAY ARR UNIT
3/21/2002	2160203	4964	170	48	45 WALKWAY ARR UNIT
3/21/2002	2160204	2086	97	35	51 WALKWAY ARR UNIT
3/21/2002	2160205	2476	101	35	38 WALKWAY ARR UNIT
3/21/2002	2160206	280	32	34	31 WALKWAY ARR UNIT
3/21/2002	2160207	381	37	26	24 WALKWAY ARR UNIT
3/21/2002	2A02301	35000	220	140	142 GEN SWITCH GEAR
3/21/2002	2A03703	175	37	25	30 MANUAL STOP VALVE
3/21/2002	2A04103	1800	480	102	96 DUCT ARR-INLET
3/21/2002	2A04109	7100	251	109	98 DUCT ARR-INLET
3/21/2002	2A10702	3700	345	96	50 INLET COMPARTMENT
3/21/2002	2MS1401	5875	168	60	48 CLG WTR PIPING
3/22/2002	1090601	384	48	24	24 PPG ARR
3/22/2002	1090901	2180	120	48	48 PIPING
3/22/2002	1095301	225	24	24	24 PIPING ARR
3/22/2002	1160501	480	128	20	19 BASE ARR
3/22/2002	1557T01	218	45	39	16 TRANSDUCER ARR
3/22/2002	1A12501	657	48	24	24 LUBE OIL
3/22/2002	2090601	384	48	24	24 PPG ARR
3/22/2002	2090901	2180	120	48	48 PIPING
3/22/2002	2095301	225	24	24	24 PIPING ARR
3/22/2002	2160501	480	128	20	19 BASE ARR
3/22/2002	2557T01	218	45	39	16 TRANSDUCER ARR
3/22/2002	2A10701	6200	270	139	90 INLET COMPARTMENT
3/22/2002	2A18601	6315	144	96	48 PPG.INTCON-EXH
3/22/2002	4A04201	6974	182	118	70 EXHAUST SYSTEM
3/22/2002	4A04203	1211	102	80	48 EXHAUST SYSTEM
3/22/2002	4A04205	705	104	41	28 EXHAUST SYSTEM
3/23/2002	2A04110	18000	255	133	161 INLET ELBOW
3/25/2002	1A04009	6280	334	90	90 WALKWAY MODULES
3/25/2002	2A04007	6437	327	90	90 WALKWAY MODULES
3/25/2002	2A04008	3140	327	90	45 WALKWAY MODULE
3/25/2002	3A04202	10120	200	129	94 EXHAUST SYSTEM
3/25/2002	3A04204	4070	230	127	28 EXHAUST SYSTEM
3/25/2002	4A023001	35000	220	150	142 GEN SWITCH GEAR
3/25/2002	4A023002	2650	77	42	75 GEN SWITCH GEAR
3/25/2002	4A04202	10120	200	129	94 EXHAUST SYSTEM
3/25/2002	4A04204	4070	230	127	28 EXHAUST SYSTEM
3/26/2002	1093101	202	36	27	15 AIR SEPARATOR
3/26/2002	1A04007	6437	327	90	90 WALKWAY MODULES
3/26/2002	1A04018	8600	342	87	90 FILTER MOD ASSY
3/26/2002	1A04105	32980	576	102	96 DUCT ARR-INLET
3/26/2002	1A04112	26000	269	154	171 HEATER DUCT
3/26/2002	2093101	202	36	27	15 AIR SEPARATOR
3/26/2002	2A04017	8600	342	87	90 FILTER MOD ASSY MID
3/26/2002	2A04104	32980	576	102	96 DUCT ARR-INLET
3/26/2002	3A04201	6974	132	118	70 EXHAUST SYSTEM
3/26/2002	3A04203	1211	102	80	48 EXHAUST SYSTEM
3/26/2002	3A04205	705	104	41	28 EXHAUST SYSTEM
3/27/2002	1A02302	2650	77	42	75 GEN SWITCH GEAR
3/27/2002	1A05902	512	26	44	98 PEECC
3/27/2002	1A05903	512	26	44	98 PEECC
3/27/2002	1A05904	512	26	44	98 PEECC
3/27/2002	2A02302	2650	77	42	75 GEN SWITCH GEAR
3/27/2002	2A05902	512	26	44	98 PEECC

4/9/2002	2A09601	20638	248	134	129	EXHAUST SYSTEM	
4/9/2002	2A09602	26982	248	134	122	EXHAUST SYSTEM	
4/9/2002	2A09628	8510	199	74	86	EXHAUST SYSTEM	
4/9/2002	2A09629	9264	199	74	86	EXHAUST SYSTEM	
4/10/2002	1A09601	20638	248	134	129	EXHAUST SYSTEM	
4/10/2002	1A09602	26982	248	134	122	EXHAUST SYSTEM	
4/10/2002	1A09606	18193	269	140	120	EXHAUST SYSTEM	
4/10/2002	1A09613	29779	482	116	73	EXHAUST SYSTEM	
4/10/2002	1A09614	30286	482	116	73	EXHAUST SYSTEM	
4/10/2002	2A09603	15044	231	127	125	EXHAUST SYSTEM	
4/10/2002	2A09604	18744	231	127	118	EXHAUST SYSTEM	
4/10/2002	2A09605	18237	261	140	120	EXHAUST SYSTEM	
4/10/2002	2A09606	18193	269	140	120	EXHAUST SYSTEM	
4/10/2002	2A09609	34229	381	124	124	EXHAUST SYSTEM	
4/10/2002	2A09613	29779	482	116	73	EXHAUST SYSTEM	
4/10/2002	2A09614	30286	482	116	73	EXHAUST SYSTEM	
4/10/2002	2A09623	10353	203	74	86	EXHAUST SYSTEM	
4/10/2002	2A09624	11288	203	55	86	EXHAUST SYSTEM	
4/10/2002	2D3N001	360	48	42	36	COUPLING GUARD	
4/11/2002	1A024001	3010	151	49	60	FRAME 7E	marked as 1A024001
4/11/2002	1A02402	675	60	36	36	FRAME 7E	marked as 1A024002
4/11/2002	1A02403	1070	115	18	18	FRAME 7E	marked as 1A024003
4/11/2002	1A09605	18237	261	140	120	EXHAUST SYSTEM	
4/11/2002	1A09607	14383	259	131	124	EXHAUST SYSTEM	
4/11/2002	1A09608	14977	259	131	124	EXHAUST SYSTEM	
4/11/2002	1A09610	34625	368	124	124	EXHAUST SYSTEM	
4/11/2002	1A09615	811	85	24	24	EXHAUST SYSTEM	
4/11/2002	1A09616	234	59	13	20	EXHAUST SYSTEM	
4/11/2002	1A09617	1202	94	24	35	EXHAUST SYSTEM	
4/11/2002	1A09618	1091	96	26	24	EXHAUST SYSTEM	
4/11/2002	1A09619	331	85	24	20	EXHAUST SYSTEM	
4/11/2002	1A09620	525	79	27	19	EXHAUST SYSTEM	
4/11/2002	1A09621	1526	79	30	39	EXHAUST SYSTEM	
4/11/2002	1A09622	706	67	43	43	EXHAUST SYSTEM	
4/11/2002	1A09623	10353	203	74	86	EXHAUST SYSTEM	
4/11/2002	1A09625	11288	203	55	86	EXHAUST SYSTEM	
4/11/2002	1A09625	1102	203	85	54	EXHAUST SYSTEM	
4/11/2002	2A02401	3010	151	49	60	FRAME 7E	marked as 2A024001
4/11/2002	2A02402	675	60	36	36	FRAME 7E	marked as 2A024002
4/11/2002	2A02403	1070	115	18	18	FRAME 7E	marked as 2A024003
4/11/2002	2A04201	6972	132	118	70	EXHAUST SYSTEM	
4/11/2002	2A04202	10120	200	129	94	EXHAUST SYSTEM	
4/11/2002	2A04204	4070	230	127	28	EXHAUST SYSTEM	
4/11/2002	2A09607	14383	259	131	124	EXHAUST SYSTEM	
4/11/2002	2A09608	14977	259	131	124	EXHAUST SYSTEM	
4/11/2002	2A09610	34625	368	124	124	EXHAUST SYSTEM	
4/11/2002	2A09611	10572	232	114	127	EXHAUST SYSTEM	
4/11/2002	2A09612	10572	232	114	127	EXHAUST SYSTEM	
4/16/2002	2A9231	1385	45	43	36	MISC. EQUIP	
4/16/2002	2A9232	205	137	20	8	MISC. EQUIP	
4/16/2002	2G2N00010200002	800	150	26	55	G2N-C02 DAMPER	
4/17/2002	1A09631	151	36	36	20	EXHAUST SYSTEM	
4/17/2002	2A09631	151	36	36	20	EXHAUST SYSTEM	
4/17/2002	2B9DD001	3350	126	120	44	DUCTING	marked as 2B9DD00010200001
4/17/2002	2B9DD002	3050	102	84	48	DUCTING	marked as 2B9DD00020200005
4/17/2002	2B9DD003	750	126	82	50	DUCTING	marked as 2B9DD00030200009
4/17/2002	2G4K00010200001	725	48	42	72	MIST ELIMI FIELD	
4/17/2002	2G4K00020200006	100	120	11	8	MIST ELIMI FIELD	
4/19/2002	1063901	27	16	12	31	GAS MASS FLOW	

11/7/2002	02005363A096001	230	48	48	20	FAILS OF MATERIAL FOR EXHAUST DUCT	9e	
11/7/2002	02005663A096031	1857	46	40	32	EXHAUST SYSTEM	G&H MONTAGE	180289401
11/7/2002	0200054389XF001	1996	41	41	27	SHIM/POSITION PLATES	CONSOLIDATED	180487893
11/7/2002	0200055489XF001	1996	41	41	27	SHIM/POSITION PLATES	CONSOLIDATED	180487893
11/7/2002	02000603A096031	1857	46	40	32	EXHAUST SYSTEM	G&H MONTAGE	180289401
11/7/2002	020003531313001	408	76	18	22	COUPLING ACCESSORY GEAR	RENK	180354664001
11/19/2002	020003641313001	408	76	18	22	COUPLING ACCESSORY GEAR	RENK	180354668001
11/21/2002	0200086631643001	1900	84	60	70	FAN, VENT-ENCLOSURE	BLOWER	258109
11/21/2002	0200086741643001	1900	84	60	70	FAN, VENT-ENCLOSURE	BLOWER	258109
11/25/2002	02000133A087001	2600	74	48	110	LIMITAMP MOTOR STARTER	ELECTRIC	180318734/3
11/25/2002	02000232A087002	600	42	36	110	LIMITAMP MOTOR STARTER	ELECTRIC	180318734
11/25/2002	02000033A087003	7900	98	60	96	LIMITAMP MOTOR STARTER	ELECTRIC	
11/25/2002	02000044A087001	2600	64	48	110	LIMITAMP MOTOR STARTER	ELECTRIC	
11/25/2002	02000054A087002	600	42	36	110	LIMITAMP MOTOR STARTER	ELECTRIC	
11/25/2002	02000064A087003	7900	98	60	96	LIMITAMP MOTOR STARTER	ELECTRIC	
11/27/2002	02000643G4K0001	725	42	48	75	MIST ELIMI FIELD MOD	HILLIARD	180508153
11/27/2002	02000653G4K0002	90	122	8	8	MIST ELIMI FIELD MOD	HILLIARD	180508153
11/27/2002	02000664G4K0001	725	42	48	75	MIST ELIMI FIELD MOD	HILLIARD	180508153
11/27/2002	02000674G4K0002	90	122	8	8	MIST ELIMI FIELD MOD	HILLIARD	180508153
12/5/2002	020028830639001	850	135	25	25	FUEL GAS FLOW SYSTEM	UP	260181
12/6/2002	02003603A076001	13263	468	85	50	COOLING WATER MODULE	CONTRACTING	180320259/3
12/6/2002	02003613A076002	7774	162	87	79	COOLING WATER MODULE	CONTRACTING	180320259/3
12/6/2002	02003623A076003	439	57	37	43	COOLING WATER MODULE	CONTRACTING	180320259/3
12/6/2002	02003633A076004	3153	145	39	85	COOLING WATER MODULE	CONTRACTING	180320259/3
12/6/2002	02003643A076005	1625	145	39	54	COOLING WATER MODULE	CONTRACTING	180320259/3
12/6/2002	02003653A076006	1965	86	81	34	COOLING WATER MODULE	CONTRACTING	180320259/3
12/6/2002	02003663A076007	2015	78	70	21	COOLING WATER MODULE	CONTRACTING	180320259/3
12/6/2002	02003673A076008	1909	188	22	39	COOLING WATER MODULE	CONTRACTING	180320259/3
12/6/2002	02003683A076009	5938	159	53	80	COOLING WATER MODULE	CONTRACTING	180320259/3
12/6/2002	02003693A076010	520	59	43	39	COOLING WATER MODULE	CONTRACTING	180320259/3
12/6/2002	02003703A076011	1469	118	39	32	COOLING WATER MODULE	CONTRACTING	180320259/3
12/6/2002	02003714A076001	13263	468	85	50	COOLING WATER MODULE	CONTRACTING	180320259/4
12/6/2002	02003724A076002	7774	162	87	79	COOLING WATER MODULE	CONTRACTING	180320259/4
12/6/2002	02003734A076003	439	57	37	43	COOLING WATER MODULE	CONTRACTING	180320259/4
12/6/2002	02003744A076004	3156	145	39	85	COOLING WATER MODULE	CONTRACTING	180320259/4
12/6/2002	02003754A076005	1625	145	39	54	COOLING WATER MODULE	CONTRACTING	180320259/4
12/6/2002	02003764A076006	1965	86	81	34	COOLING WATER MODULE	CONTRACTING	180320259/4
12/6/2002	02003774A076007	2015	78	70	11	COOLING WATER MODULE	CONTRACTING	180320259/4
12/6/2002	02003784A076008	1909	188	22	29	COOLING WATER MODULE	CONTRACTING	180320259/4
12/6/2002	02003794A076009	5938	159	53	80	COOLING WATER MODULE	CONTRACTING	180320259/4
12/6/2002	02003804A076010	520	59	43	32	COOLING WATER MODULE	CONTRACTING	180320259/4
12/6/2002	02003814A076011	1469	118	39	39	COOLING WATER MODULE	CONTRACTING	180320259/4
12/9/2002	02000133A184001	8832	264	84	48	PPG, INLET-HEAT-A184>	FABRICA	260573
12/9/2002	02000213G004001	6000	162	84	84	FUEL GAS HEATER	SYSTEMS &	261036
12/9/2002	02000224G004001	6000	162	84	84	FUEL GAS HEATER	SYSTEMS &	261036
12/9/2002	02001384969G001	4973	168	60	48	PPG, FUEL/GAS, INTO-96	FABRICA	260573
12/9/2002	02001393969G001	4973	168	60	48	PPG, FUEL/GAS, INTO-96	FABRICA	260573
12/9/2002	020018030953001	225	24	24	24	PIPING ARR COMPRESSOR WASHING	FABRICA	260573
12/9/2002	020018640920001	100	24	24	12	PIPING ARR FALSE START DRAIN	FABRICA	260573
12/9/2002	020018730920001	100	24	24	12	PIPING ARR FALSE START DRAIN	FABRICA	260573
12/10/2002	0200154389DD001	3350	126	120	44	DUCTING	C CO	262176
12/10/2002	0200155389DD002	3050	102	84	48	DUCTING	C CO	262176
12/10/2002	0200156389DD003	750	126	82	50	DUCTING	C CO	262176
12/11/2002	0200099031602002	5180	88	48	61	WALKWAY ARR UNIT	JC MACELROY	262569
12/11/2002	020009131602003	4964	170	48	45	WALKWAY ARR UNIT	JC MACELROY	262569
12/11/2002	020009531602007	381	37	26	24	WALKWAY ARR UNIT	JC MACELROY	262569
12/11/2002	020009641602001	1934	170	48	45	WALKWAY ARR UNIT	JC MACELROY	262569
12/11/2002	0200093741602002	5180	88	48	61	WALKWAY ARR UNIT	JC MACELROY	262569
12/11/2002	020009841602003	4964	170	48	45	WALKWAY ARR UNIT	JC MACELROY	262569

12/11/2002	02001133A130001	1600	85	64	102 AIR PROCESSING UNIT	INC	260253	180350552/3	SIP	
12/11/2002	02001144A130001	1600	85	64	102 AIR PROCESSING UNIT	INC	260253	180350552/4	SIP	
12/12/2002	020008931602001	1934	170	48	45 WALKWAY ARR UNIT	JC MACELROY	262579	180296900/3	SIP	
12/12/2002	020010041233001	2000	60	88	64 BLOWER, EXHAUST FRAME-COOL	BLOWER		180378701/001	SIP	
12/12/2002	020010141233002	2000	60	88	64 BLOWER, EXHAUST FRAME-COOL	BLOWER		180378701/001	SIP	
12/12/2002	020010241602007	381	37	26	24 WALKWAY ARR UNIT	JC MACELROY	262579	180296900/4	SIP	
12/13/2002	02000023A186001	6591	144	96	48 PPG, INTCON-EXH-A186	FABRICA	263652	180442482/003	SIP	
12/13/2002	020005240931001	202	36	27	15 AIR SEPARATOR	ASSO	263141	180352119/004	SIP	
12/13/2002	02000953A207001	9108	96	96	102 FILTER ELEMENTS FOR A107	COMPA	262853	180308898/008	SIP	
12/13/2002	02002573969A001	5564	192	96	48 PPG, BASE-INTCON-969A	FABRICA	263652	180401386/003	SIP	
12/13/2002	020038041309001	196	18	12	15 HARDWARE, LOAD COUPLING	LP	263652	180401386/003	SIP	
12/13/2002	020038131309001	196	18	12	15 HARDWARE, LOAD COUPLING	LP		180360406/001	SIP	
12/13/2002	020038331627002	4930	204	87	112 BARRIER WALL ACOUTICAL	J&G STEEL	261994	180366602/3	SIP	
12/13/2002	020038431627003	6440	288	86	137 BARRIER WALL ACOUTICAL	CORP	261992	180366602/3	SIP	
12/13/2002	020038531627004	3530	288	60	100 BARRIER WALL ACOUTICAL	CORP	261993	180366602/3	SIP	
12/13/2002	020038631627005	23020	304	96	52 BARRIER WALL ACOUTICAL	CORP	261993	180366602/3	SIP	
12/13/2002	020038841627002	4930	204	87	112 BARRIER WALL ACOUTICAL	CORP	261997	180366602/4	SIP	
12/13/2002	020038941627003	6440	288	86	137 BARRIER WALL ACOUTICAL	CORP	261996	180366602/4	SIP	
12/13/2002	020039041627004	3530	288	60	100 BARRIER WALL ACOUTICAL	CORP	261998	180366602/4	SIP	
12/13/2002	020040331627005	23020	304	96	52 BARRIER WALL ACOUTICAL	CORP	261998	180366602/4	SIP	
12/13/2002	020040441627006	2870	128	50	53 BARRIER WALL ACOUTICAL	CORP	261994	180366602/3	SIP	
12/13/2002	02016543A070002	9770	240	96	102 INLET FILTER ELEMENTS	COMPA	261997	180366602/4	SIP	
12/13/2002	02016564A070002	9770	240	96	102 INLET FILTER ELEMENTS	COMPA	262852	180278643/007	SIP	
12/16/2002	020003130917001	600	132	18	18 PIPING ARR, FIRE PROTECTION	SHAW FVF INC	262852	180278643/008	SIP	
12/16/2002	020003231605001	510	128	20	19 ENCLOSURE TO BASE ARR	CORP	262671	180353470/003	SIP	
12/16/2002	020003341605001	510	128	20	19 ENCLOSURE TO BASE ARR	SHAW FVF INC	261999	180442480/003	SIP	
12/16/2002	020003353969F001	100	132	6	6 PPG, BASE, INTRCON-969	CORP	262001	180442480/004	SIP	
12/16/2002	02000374A188001	150	132	6	6 PPG, BASE, INTRCON-969	SHAW FVF INC	262671	180551472/001	SIP	
12/16/2002	02000383A188001	150	132	6	6 PPG, FIRE/PROT-LC-A18	SHAW FVF INC	262671	180551472/002	SIP	
12/16/2002	02001593A179001	250	132	12	12 STRAINER	SHAW FVF INC	262671	180524419/001	SIP	
12/16/2002	02001604A179001	250	132	12	12 STRAINER	SHAW FVF INC	262671	180526125/001	SIP	
12/16/2002	02001973A125001	100	24	24	12 PIPING LUBE OIL FLUSH FIEL	SHAW FVF INC	262671	180526125/002	SIP	
12/16/2002	02001984A125001	100	24	24	12 PIPING LUBE OIL FLUSH FIEL	SHAW FVF INC	262671	18053483/002	SIP	
12/16/2002	02002153A069001	9550	233	77	114 LP CO2 FIRE PROTECTION SY	SHAW FVF INC	262671	180353483/003	SIP	
12/16/2002	02002164A069001	9550	233	77	114 LP CO2 FIRE PROTECTION SY	FIRE	262583	180340802/3	SIP	
12/16/2002	020110631634001	5860	288	165	13 ENCLOSURE, POWER PLANT	CORP	261999	180385317/003	SIP	
12/16/2002	020110731634002	6080	288	165	16 ENCLOSURE, POWER PLANT	CORP	261999	180385317/003	SIP	
12/16/2002	020110831634003	4220	288	106	27 ENCLOSURE, POWER PLANT	CORP	261999	180385317/003	SIP	
12/16/2002	020110931634004	3860	288	100	18 ENCLOSURE, POWER PLANT	CORP	261999	180385317/003	SIP	
12/16/2002	020111031634005	16830	408	138	48 ENCLOSURE, POWER PLANT	CORP	262000	180385317/003	SIP	
12/16/2002	02011131634006	10670	163	152	64 ENCLOSURE, POWER PLANT	CORP	262000	180385317/003	SIP	
12/16/2002	020111231634007	3640	144	52	52 ENCLOSURE, POWER PLANT	CORP	261999	180385317/003	SIP	
12/16/2002	020111341634001	5860	288	165	13 ENCLOSURE, POWER PLANT	J&G STEEL	262001	180385317/004	SIP	
12/16/2002	020111441634002	6080	288	165	16 ENCLOSURE, POWER PLANT	CORP	262001	180385317/004	SIP	
12/16/2002	020111541634003	4220	288	106	27 ENCLOSURE, POWER PLANT	CORP	262001	180385317/004	SIP	
12/16/2002	020111641634004	3860	288	100	18 ENCLOSURE, POWER PLANT	J&G STEEL	262001	180385317/004	SIP	
12/16/2002	020111741634005	16830	408	138	48 ENCLOSURE, POWER PLANT	CORP	262001	180385317/004	SIP	
12/16/2002	020111841634006	10670	163	152	64 ENCLOSURE, POWER PLANT	CORP	262002	180385317/004	SIP	
12/16/2002	020111941634007	3640	144	52	52 ENCLOSURE, POWER PLANT	CORP	262001	180385317/004	SIP	
12/17/2002	02000014A04001	9287	192	96	48 PP ARR, OIL TANK VENT EXT	FABRICA	262568	180529640/002	SIP	
12/17/2002	02000023A04001	9289	192	96	48 PP ARR, OIL TANK VENT EXT	FABRICA	262568	180529640/001	SIP	
12/17/2002	02000044A186001	6591	144	96	60 PPG, INTCON-EXH-A186	FABRICA	263653	180442482/004	SIP	
12/17/2002	02000144A184001	7684	264	84	48 PPG, INLET-HEAT-A184>	FABRICA	262567	180401405/004	SIP	
12/17/2002	020003939638001	382	48	24	24 PPG, LUBE OIL #1BRG-96	FABRICA	262568	180353486/003	SIP	
12/17/2002	020004049698001	382	48	24	24 PPG, LUBE OIL #1BRG-96	FABRICA	262568	180353486/004	SIP	
12/17/2002	02000433A098001	3230	144	60	66 VENT SYSTEM COMPONENT, LUB	INC	263027	180388460/003	SIP	

12/17/2002	02000443A098002	1550	126	60	48 VENT SYSTEM COMPONENT, LUB	INC	263027	180388460/003	SIP
12/17/2002	02000454A098001	3230	144	60	66 VENT SYSTEM COMPONENT, LUB	INC	263027	180388460/004	SIP
12/17/2002	02000464A098002	1550	126	60	48 VENT SYSTEM COMPONENT, LUB	INC	263027	180388460/004	SIP
12/17/2002	02000803D3N0001	500	41	39	35 D3N COUPLING GUARD ASM	GE SUPPLY		180519638/1	SIP
12/17/2002	02000814D3N0001	500	41	39	35 D3N COUPLING GUARD ASM	GE SUPPLY		180519639/1	SIP
12/17/2002	020018840953001	225	24	24	24 PIPING ARR COMPRESSOR WASHING	FABRICA	262568	180397959/004	SIP
12/17/2002	020018840953001	5564	192	96	48 PPG. BASE INTCN-969A	FABRICA	263653	180401386/004	SIP
12/17/2002	020038231627001	7860	204	102	156 BARRIER WALL ACOUSTICAL	CORP	261991	180366602/3	SIP
12/17/2002	020038741627001	7860	204	102	156 BARRIER WALL ACOUSTICAL	CORP	261995	180366602/4	SIP
12/17/2002	020044930909001	2309	120	48	48 PIPING-COOLING & SEALING	FABRICA	262257	180529560/001	SIP
12/17/2002	020045040909001	2309	120	48	48 PIPING-COOLING & SEALING	FABRICA	262567	180529560/002	SIP
12/17/2002	02016554A070001	18932	480	96	102 INLET FILTER ELEMENTS	COMPA	262849	180278643/008	SIP
12/17/2002	02000624G2N0001	800	150	16	35 G2N-CO2 DAMPER	GE SUPPLY	262341	180535894/1	SIP
12/18/2002	02001574B9DD001	800	150	16	25 G2N-CO2 DAMPER	GE SUPPLY	262341	180535894/2	SIP
12/18/2002	02001574B9DD002	3350	126	120	44 DUCTING	C CO	262934	180495808/1	SIP
12/18/2002	02001594B9DD003	3050	102	84	48 DUCTING	C CO	262934	180495808/1	SIP
12/18/2002	02003283A037001	175	34	26	24 MANUAL STOP VALVE	C CO	262934	180543499/001	SIP
12/18/2002	02003294A037001	175	34	26	24 MANUAL STOP VALVE	GE SUPPLY		180543500/001	SIP
12/18/2002	02059914A040003	3500	122	90	54 INLET COMPARTMENT	COMPA	263743	180278643/004	SIP
12/18/2002	02059924A040004	3500	122	90	54 INLET COMPARTMENT	COMPA	263743	180278643/004	SIP
12/18/2002	02059934A040005	3500	122	90	54 INLET COMPARTMENT	COMPA	263743	180278643/004	SIP
12/18/2002	02059944A040006	3500	122	90	54 INLET COMPARTMENT	COMPA	263743	180278643/004	SIP
12/19/2002	02000964MS14001	5862	168	60	48 CLG WTR PIPING	FABRICA	263594	180431546/004	SIP
12/19/2002	02000973MS14001	5862	168	60	48 CLG WTR PIPING	FABRICA	263594	180431546/003	SIP
12/19/2002	020018930976001	151	24	24	12 PIPING ARR EXH PLENUM DRAIN	FABRICA	263594	180353476/003	SIP
12/19/2002	020019040976001	151	24	24	12 PIPING ARR EXH PLENUM DRAIN	FABRICA	263594	180353476/004	SIP
12/19/2002	020020530906001	407	48	24	24 PPG ARR LO F08DRN-LOAD	FABRICA	263594	180353491/004	SIP
12/19/2002	020020640906001	407	48	24	24 PPG ARR LO F08DRN-LOAD	FABRICA	263594	180353491/005	SIP
12/19/2002	020029340639001	900	198	21	21 FUEL GAS FLOW SYSTEM	CENTER	262943	180403974/004	SIP
12/19/2002	020035040924001	6721	240	96	48 PIPING ARR AIR E	FABRICA	263584	180353507/004	SIP
12/19/2002	020035130924001	6721	240	96	48 PIPING ARR AIR E	COMPA	263584	180353507/003	SIP
12/19/2002	02016533A070001	18932	480	96	102 INLET FILTER ELEMENTS	COMPA	262850	180278643/007	SIP
12/19/2002	02059693A040001	2000	86	67	53 INLET COMPARTMENT	COMPA	263745	180278643/003	SIP
12/19/2002	02059703A040002	3500	122	90	54 INLET COMPARTMENT	COMPA	263745	180278643/003	SIP
12/19/2002	02059713A040003	3500	122	90	54 INLET COMPARTMENT	COMPA	263745	180278643/003	SIP
12/19/2002	02059723A040004	3500	122	90	54 INLET COMPARTMENT	COMPA	263744	180278643/003	SIP
12/19/2002	02059733A040005	3500	122	90	54 INLET COMPARTMENT	COMPA	263744	180278643/003	SIP
12/19/2002	02059743A040006	3500	122	90	54 INLET COMPARTMENT	COMPA	263744	180278643/003	SIP
12/19/2002	02059894A040001	2000	86	67	53 INLET COMPARTMENT	COMPA	263745	180278643/004	SIP
12/19/2002	02059904A040002	3500	122	90	54 INLET COMPARTMENT	COMPA	263744	180278643/004	SIP
12/20/2002	0200108005050020001	425	126	22	16 LOOSE PARTS	INDUSTRIES	264886	180478689/1	SIP
12/20/2002	0200109005050020001	425	126	22	16 LOOSE PARTS	INDUSTRIES	264886	180478688/1	SIP
12/20/2002	02001794A122001	79	26	19	33 SENSOR ARR, HUMIDITY	INSTRUMENT		180448864	SIP
12/20/2002	02005965A040007	6437	327	90	90 INLET COMPARTMENT	COMPA	264836	180278643/004	SIP
12/23/2002	02003030639001	53	29	18	15 GAS MASS FLOW TRANSM	ROSEMOUNT		180433699	BLDG. 20
12/23/2002	02003140639001	53	29	18	15 GAS MASS FLOW TRANSM	ROSEMOUNT		180433699	BLDG. 20
12/23/2002	020032135577001	230	45	39	16 TRANSDUCER ARRGMNT	AMETEK	263024	180523704	BLDG. 20
12/23/2002	020032345577001	230	45	39	16 TRANSDUCER ARRGMNT	AMETEK	263024	180523697	BLDG. 20
12/23/2002	02033823A041001	1160	48	48	24 DUCT ARR-INLET	MANUFACT	264424	180280050/003	SIP
12/23/2002	02033843A041003	16500	480	96	102 DUCT ARR-INLET	MANUFACT	264424	180280050/003	SIP
12/23/2002	02033903A041009	700	45	48	29 DUCT ARR-INLET	MANUFACT	264424	180280050/003	SIP
12/23/2002	02033953A041014	1500	363	21	21 DUCT ARR-INLET	MANUFACT	264424	180280050/003	SIP
12/23/2002	02033974A041001	1160	48	48	24 DUCT ARR-INLET	MANUFACT	264424	180280050/004	SIP
12/23/2002	02034044A041008	700	45	48	29 DUCT ARR-INLET	MANUFACT	264424	180280050/004	SIP
12/23/2002	02034094A041013	1500	363	21	21 DUCT ARR-INLET	MANUFACT	264424	180280050/004	SIP
12/26/2002	020017030559001	275	52	40	30 SENSOR ARR, INLET/EXHAUST	GE		180523849	SIP
12/26/2002	020017140559001	275	52	40	30 SENSOR ARR, INLET/EXHAUST	GE		180523849/002	SIP

12/26/2002	02003324A037001	1055	81	38	41	CONTROL ARR, INLET HEATING	GE	180533664/001	SIP
12/26/2002	02003333A037001	1055	81	38	41	CONTROL ARR, INLET HEATING	GE	180533663/001	SIP
12/27/2002	020009631233001	2040	60	88	64	BLOWER, EXHAUST FRAME-COOL	BLOWER	260171	180378699/001
12/27/2002	020009731233002	2040	60	88	64	BLOWER, EXHAUST FRAME-COOL	BLOWER	260171	180378699/001
12/27/2002	02001143A107001	6625	256	136	85	TTD ASSEMBLY	DFI	264130	180308898/003
12/27/2002	02001153A107002	4375	320	98	50	LADDER AND OSM KITS	DFI	264130	180308898/003
12/27/2002	02001164A107001	6625	256	136	85	INLET COMPARTMENT ARR	COMPA	264128	180308898/004
12/27/2002	02001174A107002	4375	320	98	50	INLET COMPARTMENT ARR	COMPA	264128	180308898/004
12/27/2002	02059753A040007	6437	327	90	93	INLET COMPARTMENT	COMPA	264187	180278643/003
12/27/2002	02059843A040016	7723	341	92	93	INLET COMPARTMENT	COMPA	264187	180278643/003
12/27/2002	02059853A040017	6068	341	89	93	INLET COMPARTMENT	COMPA	264187	180278643/003
12/27/2002	02059883A040020	7679	341	89	93	INLET COMPARTMENT	COMPA	264187	180278643/003
12/30/2002	02033833A041002	190	44	26	36	DUCT ARR-INLET	BRADEN	264376	180280050/003
12/30/2002	02033853A041004	1800	480	102	96	DUCT ARR-INLET	BRADEN	265108	180280050/003
12/30/2002	02033893A041008	725	115	15	12	DUCT ARR-INLET	BRADEN	264965	180280050/003
12/30/2002	02033943A041013	1700	274	24	19	DUCT ARR-INLET	BRADEN	264965	180280050/003
12/30/2002	02033963A041015	4526	116	44	60	DUCT ARR-INLET	BRADEN	264965	180280050/003
12/30/2002	02033984A041002	190	44	26	36	DUCT ARR-INLET	BRADEN	264376	180280050/004
12/30/2002	02033994A041003	1800	480	120	96	DUCT ARR-INLET	BRADEN	265108	180280050/004
12/30/2002	02034004A041004	32980	576	102	96	DUCT ARR-INLET	BRADEN	265112	180280050/004
12/30/2002	02034014A041005	2700	129	71	63	DUCT ARR-INLET	BRADEN	264781	180280050/004
12/30/2002	02034024A041006	2700	129	71	63	DUCT ARR-INLET	BRADEN	264781	180280050/004
12/30/2002	02034034A041007	725	115	15	12	DUCT ARR-INLET	BRADEN	264781	180280050/004
12/30/2002	02034044A041009	7100	251	109	98	DUCT ARR-INLET	BRADEN	264965	180280050/004
12/30/2002	02034054A041012	1700	274	24	19	DUCT ARR-INLET	BRADEN	264781	180280050/004
12/30/2002	02034104A041014	4526	116	44	60	DUCT ARR-INLET	BRADEN	264965	180280050/004
12/30/2002	02059763A040008	3140	327	90	45	INLET COMPARTMENT	COMPA	264965	180280050/004
12/30/2002	02059773A040009	6280	334	89	90	INLET COMPARTMENT	COMPA	264181	180278643/003
12/30/2002	02059863A040018	6068	341	89	93	INLET COMPARTMENT	COMPA	264192	180278643/003
12/30/2002	02059873A040019	6068	341	89	93	INLET COMPARTMENT	COMPA	264198	180278643/003
12/30/2002	02060044A040016	7723	341	92	93	INLET COMPARTMENT	COMPA	264841	180278643/003
12/30/2002	02060054A040017	6068	341	89	93	INLET COMPARTMENT	COMPA	264849	180278643/004
12/30/2002	02060064A040018	6068	341	89	93	INLET COMPARTMENT	COMPA	264857	180278643/004
12/30/2002	02060074A040019	6068	341	89	93	INLET COMPARTMENT	COMPA	264864	180278643/004
12/30/2002	02060084A040020	7679	341	89	93	INLET COMPARTMENT	COMPA	264867	180278643/004
12/30/2002	02060091A040035	14804	480	96	96	INLET COMPARTMENT	CORPO	180444343/001	SIP
12/31/2002	02001293A024001	3010	152	49	65	FRAME7E NON-SEG PHASE BU	UNIBUS	180349366/3	SIP
12/31/2002	02001303A024002	675	60	36	36	FRAME7E NON-SEG PHASE BU	UNIBUS	180349366/3	SIP
12/31/2002	02001313A024003	1020	115	20	20	FRAME7E NON-SEG PHASE BU	UNIBUS	180349366/3	SIP
12/31/2002	02001324A024001	3010	152	49	65	FRAME7E NON-SEG PHASE BU	UNIBUS	180349366/4	SIP
12/31/2002	02001334A024002	675	60	36	36	FRAME7E NON-SEG PHASE BU	UNIBUS	180349366/4	SIP
12/31/2002	02001344A024003	1020	115	20	20	FRAME7E NON-SEG PHASE BU	UNIBUS	180349366/4	SIP
1/3/2003	NBR Q2266	24	20	10	9	BOX	GE		SIP
1/6/2003	02000153A106001	3200	106	58	111	LOW VOLTAGE UNIT SUBSTATI	ELECTRI	266055	180310282/3
1/6/2003	02000163A106002	600	42	34	111	LOW VOLTAGE UNIT SUBSTATI	ELECTRI	266055	180310282/3
1/6/2003	02000173A106003	11750	98	61	96	LOW VOLTAGE UNIT SUBSTATI	ELECTRI	266055	180310282/3
1/6/2003	02000184A106001	3200	106	48	111	LOW VOLTAGE UNIT SUBSTATI	ELECTRI	266055	180310282/4
1/6/2003	02000194A106002	600	42	34	111	LOW VOLTAGE UNIT SUBSTATI	ELECTRI	266055	180310282/4
1/6/2003	02000204A106003	11750	98	61	96	LOW VOLTAGE UNIT SUBSTATI	ELECTRI	266055	180310282/4
1/6/2003	02059783A040010	3760	233	100	93	INLET COMPARTMENT	COMPA	263757	180278643/003
1/6/2003	02059793A040011	4380	258	100	93	INLET COMPARTMENT	COMPA	263757	180278643/003
1/6/2003	02059803A040012	79	18	13	13	INLET COMPARTMENT	COMPA	263757	180278643/003
1/6/2003	02059813A040013	2000	48	63	52	INLET COMPARTMENT	COMPA	263742	180278643/003
1/6/2003	02059823A040014	2000	48	63	52	INLET COMPARTMENT	COMPA	263742	180278643/003
1/6/2003	02059833A040015	6500	144	90	61	INLET COMPARTMENT	COMPA	263742	180278643/003
1/6/2003	02059874A040009	6280	334	90	90	INLET COMPARTMENT	COMPA	264845	180278643/004
1/6/2003	02059884A040010	3760	233	100	93	INLET COMPARTMENT	COMPA	263759	180278643/004
1/6/2003	02059894A040011	4380	258	100	93	INLET COMPARTMENT	COMPA	263759	180278643/004

WEIGHTS A LITTLE DIFFERENT

1/6/2003	02060004A040012	79	18	13	13	INLET COMPARTMENT				COMPA	263759	180278643/004	SIP
1/6/2003	02060014A040013	2000	48	63	52	INLET COMPARTMENT				COMPA	263742	180278643/004	SIP
1/6/2003	02060024A040014	2000	48	63	52	INLET COMPARTMENT				COMPA	263742	180278643/004	SIP
1/6/2003	02060034A040015	6500	144	90	61	INLET COMPARTMENT				COMPA	263742	180278643/004	SIP
1/6/2003	02060061A040006	2000	140	134	32	INLET COMPARTMENT				CORPO	264620	180444343/001	SIP
1/6/2003	020600621A040007	2400	306	132	32	INLET COMPARTMENT				CORPO	264620	180444343/001	SIP
1/6/2003	020600701A040015	12400	532	144	78	INLET COMPARTMENT				CORPO	264620	180444343/001	SIP
1/6/2003	3FNDN1	1677	50	42	35	FOUNDATION BOLTING				PSEG			SIP
1/6/2003	3SUMM1	11200	240	96	102	SHEET CONTAINER				PSEG			SIP
1/6/2003	4FNDN1	1674	50	42	35	FOUNDATION BOLTING				PSEG			SIP
1/6/2003	4SUMM1	11200	240	96	102	SHEET CONTAINER				PSEG			SIP
1/7/2003	02033873A041006	2700	129	71	63	DUCT ARR-INLET				BRADEN	264777	180280050/003	SIP
1/7/2003	02033883A041007	2700	129	71	63	DUCT ARR-INLET				BRADEN	264777	180280050/003	SIP
1/7/2003	02033931A041010	7100	251	109	98	DUCT ARR-INLET				INC	263890	180296900/3	SIP
1/8/2003	02009231602004	2086	97	35	51	WALKWAY ARR UNIT				JC MACELROY	263890	180296900/3	SIP
1/8/2003	02009331602005	2476	101	35	38	WALKWAY ARR UNIT				JC MACELROY	263890	180296900/3	SIP
1/8/2003	020094431602006	280	32	34	31	WALKWAY ARR UNIT				INC	263890	180296900/4	SIP
1/8/2003	02009941602004	2086	97	35	51	WALKWAY ARR UNIT				INC	263890	180296900/4	SIP
1/8/2003	020010041602005	2476	101	35	38	WALKWAY ARR UNIT				INC	263890	180296900/4	SIP
1/8/2003	020010141602006	280	32	34	31	WALKWAY ARR UNIT				JC MACELROY	263890	180296900/4	SIP
1/8/2003	02033933A041012	26000	269	154	171	DUCT ARR-INLET				MANUFACT	264779	180280050/003	SIP
1/9/2003	02005734A096005	18485	262	141	121	EXHAUST SYSTEM				G&H MONTAGE	263105	180289401/4	SIP
1/9/2003	02005774A096009	36551	382	125	125	EXHAUST SYSTEM				G&H MONTAGE	263109	180289401/4	SIP
1/9/2003	02034074A041011	26000	269	154	171	DUCT ARR-INLET				BRADEN	265117	180280050/004	SIP
1/10/2003	02005363A096001	24971	249	134	130	EXHAUST SYSTEM				G&H MONTAGE	260954	180289401/3	SIP
1/10/2003	02005373A096002	21218	249	134	130	EXHAUST SYSTEM				G&H MONTAGE	263087	180289401/3	SIP
1/10/2003	02005403A096005	18485	262	141	121	EXHAUST SYSTEM				G&H MONTAGE	263090	180289401/3	SIP
1/10/2003	02005483A096013	30643	475	117	73	EXHAUST SYSTEM				G&H MONTAGE	263098	180289401/3	SIP
1/10/2003	02005694A096001	24971	249	134	130	EXHAUST SYSTEM				G&H MONTAGE	263101	180289401/4	SIP
1/10/2003	02005744A096006	20454	262	141	121	EXHAUST SYSTEM				G&H MONTAGE	263106	180289401/4	SIP
1/10/2003	02005754A096007	14650	260	132	125	EXHAUST SYSTEM				G&H MONTAGE	263107	180289401/4	SIP
1/10/2003	02005814A096013	30643	475	117	73	EXHAUST SYSTEM				G&H MONTAGE	263113	180289401/4	SIP
1/13/2003	020000141480001	59000	271	135	136	ACCESSORY BASE W/EQUIPMENT				AVONDALE	266760	180395058/001	SIP
1/13/2003	02005433A096008	15240	260	132	125	EXHAUST SYSTEM				G&H MONTAGE	263093	180289401/3	SIP
1/13/2003	02005704A096002	21218	249	134	130	EXHAUST SYSTEM				G&H MONTAGE	263102	180289401/4	SIP
1/13/2003	02005784A096010	38253	368	125	125	EXHAUST SYSTEM				G&H MONTAGE	263110	180289401/4	SIP
1/13/2003	37456001	59000	271	135	136	ACCESSORY BASE W/EQUIPMENT				AVONDALE	266759	180395055/001	SIP
1/14/2003	02005393A096004	14912	232	128	126	EXHAUST SYSTEM				G&H MONTAGE	263089	180289401/3	SIP
1/14/2003	02005413A096006	20454	262	141	121	EXHAUST SYSTEM				G&H MONTAGE	263091	180289401/3	SIP
1/14/2003	02005423A096007	14650	260	132	125	EXHAUST SYSTEM				G&H MONTAGE	263092	180289401/3	SIP
1/14/2003	02005443A096009	36551	382	125	125	EXHAUST SYSTEM				G&H MONTAGE	263094	180289401/3	SIP
1/14/2003	02005453A096010	38253	368	125	125	EXHAUST SYSTEM				G&H MONTAGE	263095	180289401/3	SIP
1/14/2003	02005714A096003	15273	232	128	126	EXHAUST SYSTEM				G&H MONTAGE	263103	180289401/4	SIP
1/14/2003	02005764A096008	15240	260	132	125	EXHAUST SYSTEM				G&H MONTAGE	263108	180289401/4	SIP
1/15/2003	02005724A096002	14912	232	128	126	EXHAUST SYSTEM				G&H MONTAGE		180289401/4	SIP
1/15/2003	02005804A096012	10648	233	115	128	EXHAUST SYSTEM				G&H MONTAGE	263112	180289401/4	SIP
1/15/2003	02034064A041010	18000	255	133	161	DUCT ARR-INLET				BRADEN	264783	180280050/004	SIP
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1/20/2003	02005483A096014	31073	475	117	73	EXHAUST SYSTEM				G&H MONTAGE	263099	180289401/3	SIP
1/20/2003	02005824A096014	31073	475	117	73	EXHAUST SYSTEM				G&H MONTAGE	263114	180289401/4	SIP
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1/22/2003	02005573A096022	811	85	24	24	EXHAUST SYSTEM				G&H MONTAGE	263100	180289401/3	SIP
1/22/2003	02005583A096023	234	59	13	20	EXHAUST SYSTEM				G&H MONTAGE	263100	180289401/3	SIP
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1/22/2003	02005603A096025	1091	96	26	24	EXHAUST SYSTEM				G&H MONTAGE	263100	180289401/3	SIP
1/22/2003	02005613A096026	331	85	24	20	EXHAUST SYSTEM				G&H MONTAGE	263100	180289401/3	SIP
1/22/2003	02005623A096027	525	79	27	19	EXHAUST SYSTEM				G&H MONTAGE	263100	180289401/3	SIP

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1/22/2003	02005914A096021	9284	199	74	86 EXHAUST SYSTEM				G&H MONTAGE	263115	180289401/4	SIP
1/22/2003	02005944A096022	811	85	24	24 EXHAUST SYSTEM				G&H MONTAGE	263115	180289401/4	SIP
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1/22/2003	02005964A096024	1202	94	24	35 EXHAUST SYSTEM				G&H MONTAGE	263115	180289401/4	SIP
1/22/2003	02005974A096025	1091	96	26	24 EXHAUST SYSTEM				G&H MONTAGE	263115	180289401/4	SIP
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1/23/2003	02001273G002002	700	44	36	17 FUEL GAS SCRUBBER				CO	180308223/4	SIP	
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1/23/2003	02001304G002002	700	48	34	29 FUEL GAS SCRUBBER				CO	180308223/4	SIP	
1/23/2003	02001314G002003	160	44	36	17 FUEL GAS SCRUBBER				CO	180308223/4	SIP	
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1/23/2003	02005794A096011	10663	233	115	128 EXHAUST SYSTEM				G&H MONTAGE	263111	180289401/4	SIP
1/23/2003	02005854A096017	2633	202	81	54 EXHAUST SYSTEM				G&H MONTAGE	266937	180289401/4	SIP
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1/24/2003	298036	293500	455	140	151 TURBINE			skids for load	G&H MONTAGE	266933	180289401/3	SIP
1/24/2003	298037	293500	455	140	151 TURBINE			RAILCAR-QTTX131371	GE			SIP
1/24/2003	436X003	319000	341	140	131 GENERATOR			RAILCAR-QTTX131257	GE			SIP
1/24/2003	436X004	319000	341	140	134 GENERATOR			RAILCAR-QTTX131432	GE			SIP
1/27/2003	02005894A096019	9577	199	64	86 EXHAUST SYSTEM			RAILCAR-QTTX131457	GE			SIP
1/27/2003	02005904A096020	8510	199	64	86 EXHAUST SYSTEM			no tarp, road salt rust	G&H MONTAGE	266938	180289401/4	SIP
1/28/2003	02005834A096015	10071	202	70	84 EXHAUST SYSTEM			no tarp, road salt rust	G&H MONTAGE	266935	180289401/4	SIP
1/28/2003	02005844A096016	10018	202	55	89 EXHAUST SYSTEM			damage	G&H MONTAGE	266935	180289401/4	SIP
2/11/2003	02002931040001	249	54	22	27 Valve Air			damage	G&H MONTAGE	266935	180289401/4	SIP
3/3/2003	0300002410040001	251	54	22	27 Valve Air				(Fisher Controls)	271675	180543492	Bldg 20
3/3/2003	03000393A041001	18000	255	161	133 Inlet Elbow				(Fisher Controls)	271675	180543493	Bldg 20
3/4/2003	02000343F907001	3336	87	63	79 ST GNAC				Manufacturing	275045	180574524	
3/4/2003	02000353F907002	1590	59	43	59 ST GNAC				PT Kontrol	274963	180312479/3	
3/4/2003	02000363F907003	617	49	38	26 ST GNAC				PT Kontrol	274963	180312479/3	
3/4/2003	02000374F907001	3336	87	63	79 ST GNAC				PT Kontrol	274963	180312479/4	
3/4/2003	02000374F907002	1590	59	43	59 ST GNAC				PT Kontrols	274963	180312479/4	
3/4/2003	02000384F907003	617	49	38	26 ST GNAC				PT Kontrols	274963	180312479/4	



FT4 SCOPE OF SUPPLY

- Pratt & Whitney Dual Fuel FT-4 / Turbine Gen/Set
- Baseplate with supports for Gas Turbine, & Foundation Bolts
- Main Generator 13.8/11kv 60/50hz .85 P.F.
- PLC Turbine Controls
- Complete Local/Remote Control and Supervisory System for the Gas Turbine and Expander, including all necessary control switches and alarms
- The Generating Plant is Auto : Start, Synch & Parallel
- Water Injection for Power Boost & Exhaust Emissions Control
- Exhaust Silencer
- Exhaust Stack
- Intake Silencer /Screen
- Coupling between the Turbine and the Generator.
- Generator
- Generator is a Self Ventilated Turbo and designed for Open Air Cooling.
- Exciter is located at the Non-Driven End of the Generator.
- Inlet Suction Duct for the Gas Turbine
- Thermal and Acoustical Insulation

Governing And Lubricating Oil System

- Turbine comes with an Integral Governing and Lubricating Oil System which includes all necessary safety and supervisory devices.
- Generator has a separate lubricating system as well as the Load Governor and Over Speed Trip Mechanism.
- Oil is cooled by a radiator located at the side of the unit.
- Fan Cooled Radiator.
- DC Battery is supplied to provide power in case of an emergency and unit power is lost

Fuel System:

- Liquid Fuel/Gas Fuel
- Fuel Connections are located at the side of the unit

Vibration Supervisory System

- Noise Level: the noise level measured at 400 Ft will be 85db or lower

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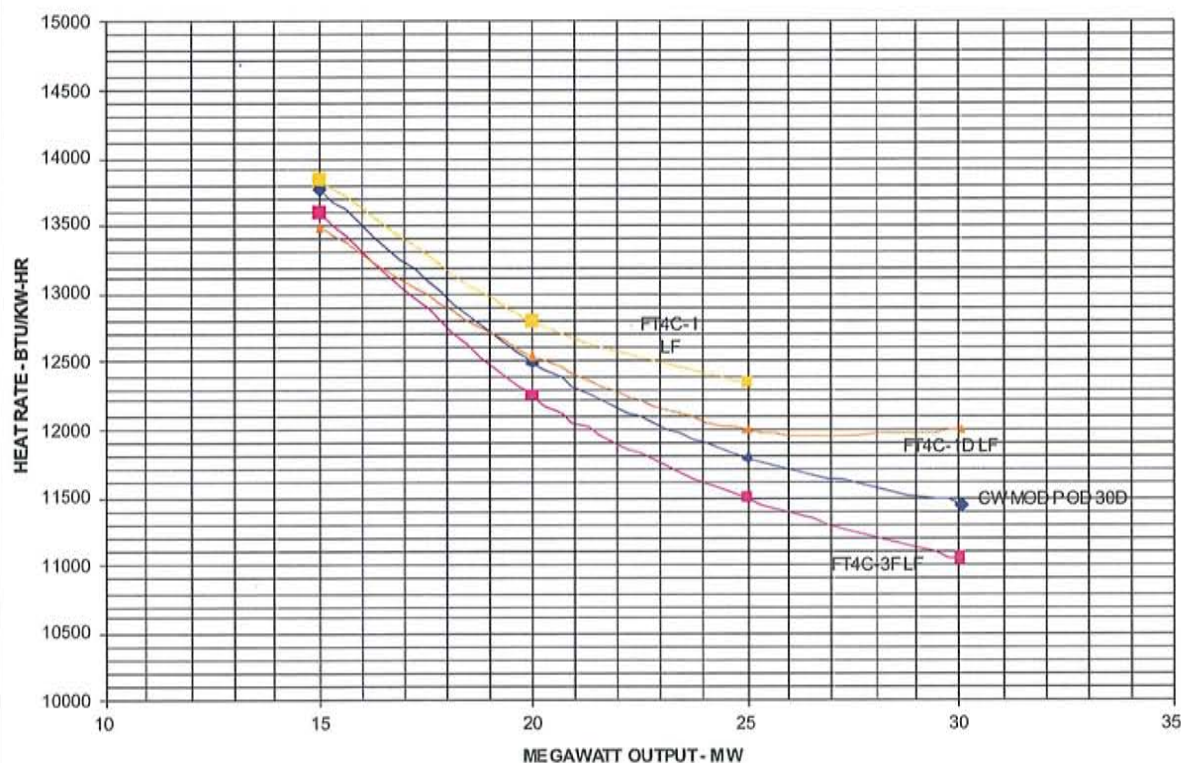
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FT4 FACT SHEET

HEAT RATE COMPARISON OF CW MOD POD 30D WITH VARIOUS FT4C 'S WITHOUT WATER INJECTION



Turbine (Simple Cycle)

Generator Frequency	50 Hz	60 Hz
Generator Effy. Assumed / Gearbox Effy. Assumed	.980 / N/A	.980 / N/A
Output (kW)	24,300	29,400
Heat Rate (Btu/kWe-hr)	13,200	11,500
Power Turbine Speed (rpm)	3,600	3,600
Exhaust Temp. (deg. F)	570	690

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RB211 GAS TURBINE PACKAGE

The Coberra 6462 GT Units utilizes a Rolls Royce RB211 GG and an RT62 PT. The PT is coupled to an AC Gen via reduction gearbox. The gen set itself is comprised of 5 main packages, each being of modular construction for ease of transportation, handling at site, and assembly.

The Rolls Royce RB211-24C Mark 1750 GG two spool high pressure ratio engine with a seven stage intermediate pressure compressor, and a six stage high pressure compressor which drives two independent single stage turbines couples to the compressors through coaxial shafts. The two rotors of the GG are mechanically independent and run at their own optimum speeds.

Gas Turbine (GG)

Manufacturer: Rolls Royce
Model: RB211-24C
N1 Speed: 6555 RPM
Fuel: Dual Fuel currently operating on natural gas

Power Turbine (PT)

Manufacturer: Cooper Bessemer
Model: RT62 PT two stage impulse reaction
Rated HP: 27,749 (ISO)
Rated Speed: 4800
Maximum Continuous Speed: 5050 RPM
Serial Numbers: 602RT and 654RT
Overspeed Trip: 5450
Turbine Inlet Pressure: 43.2 psia @ 40F ambient
Turbine Inlet Temp: 1320F @ 40F ambient
Turbine Exhaust Temp: 861F @ 40F ambient
Lubrication: Mineral Oil 150 SSU

Gear Reducer

Manufacturer: Lufkin
Model Number: F33070
Rating: 35,960 Hp
Service Factor: 1.35
Input Speed: 4800 Rpm
Output Speed: 1800 Rpm
Gear Ratio: 2.660:1

AC Generator

Manufacturer: Brush Electrical Machines, LTD
Model: BSGMD 131-290-4
Type: 4 Pole
RPM: 1800
Volts: 12500
Amps: 1454
Phase: 3
HZ: 60
Power Factor: 0.85

Air Filter System

GT Intake: American Air Filter
AC Gen Air Vent Filter: American Air Filter

Main and Auxiliary Lube Oil Pumps and AC Motors

Pump Manufacturer: Transamerica DeLaval
Pump Rating: 310 GPM @ 1750 RPM and 77 PSI
Motor Manufacturer: Westinghouse
Motor Rating: 30 HP, 1750 RPM, 3 Phase, 60 HZ, 460 V

Emergency Lube Oil Pump and DC Motor

Pump Manufacturer: Transamerica DeLaval
Pump Rating: 257 GPM @ 1750 RPM and 77 PSI
Motor Manufacturer: Reliance
Motor Rating: 20HP, 1800 RPM, 125VDC

Water Forwarding Pumps

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RB211 GAS TURBINE PACKAGE

Pump Manufacturer: Transamerica DeLaval
 Pump Rating: 5GPM @3500 RPM and 400 PSI
 Motor Manufacturer: Westinghouse
 Motor Rating: 3 HP, 3500 RPM, 3 Phase 60 HZ , 460V

Lube Oil Cooler

Cooler Manufacturer: Air-X-Changer
 Cooler Rating: RT Sec 1,850,000 BTU/HR @234 GPM
 Motors Manufacturer: Westinghouse
 Motors Rating: 10HP, 1800 RPM, 3 Phase, 60 HZ, 460 V
 Type: Fin Fan Radiator

Lube Oil Filter

Manufacturer: Hilco
 Model: 52718-0150-2006
 Type: Duplex

Capacities in Approximate U.S. Gallons

PT Lube Oil Reservoir: 2500
 GG Lube Oil Reservoir: 88
 GG Lube Oil Accumulator: 1.5
 GG Cleaner Tank: 45

Coupling-Power Turbine to Gear

Manufacturer: Zurn Industries
 Model: Ameriflex Series HPS
 Type: Flex

Coupling-Gear to AC Gen

Manufacturer: Zurn Industries
 Model: Ameriflex, Series HPP
 Type: Flex

Fuel Gas Preheater

Manufacturer: Bas-Tex Corporation
 Model: 06060
 Shell Side: 340 PSIG
 Tube Side: 960

Air Conditioning Equipment

2 Trane Horizontal Flow P/N TORR-IM-2D

Building Info

Building with 25 TON Bridge Gaffy Crane
 Battery room located inside Generator Building
 60 ft. x 125 ft. x 38 ft. at the eave and 45 ft. at the peak

HVAC Equipment

Manufacturer: Frees, Inc.

Centrifugal Fans

2 Buffalo Forge Ventilating Fans

Demin Water Storage Tank

Manufacturer: Southwest Tank & Treater
 Capacity: 15,000 gallons

HCL Tank

Manufacturer: Southwest Tank & Treater

Caustic Storage Tank

Manufacturer: Southwest Tank & Treater
 Capacity: 3,000 gallons

High Pressure Fuel Gas Scrubber

Manufacturer: Southwest Computer Inc.
 Description: 640 PSIG @ 300F 36" ID X 10FT

Turbine Exhaust Duct

Manufacturer: Fish Engineering & Construction

Demineralization System Package

Manufacturer: H-O-H Systems INC.

480 Volt MCC

Manufacturer: Westinghouse Five Star MCC

Battery Chargers

Manufacturer: Sab Nife Corporation

Waste Heat Recovery

58.52MM BTU/HR (ea)
 470 PSIG @ 650F
 Burner design case (663,120 LB/HR)
 Turbine exhaust gas (600,840 LB/HR)

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RB211 GAS TURBINE PACKAGE FACT SHEET

Gas Turbine

Manufacturer: Rolls Royce
 Model: Rb211-24c
 Turbine Rating: 25,000 kW
 Fuel: Dual Fuel, currently operating on natural gas
 Heat Rate: 10,143 BTU/kWh at 58 Deg F ambient
 Exhaust Gas Temp: 1,342 Deg F
 Nox: 121.2 Ppmdv, 102.09 Lbs/Hr
 Co2: 31.5 Ppmdv, 16.17 Lbs/Hr

A/C Generator

Manufacturer: Brush
 Model Number: BSGMD 131-290-4
 Rating: 31,463 Kva
 Power Factor: 0.85
 Voltage: 12500 V/3 Phase, 60 Hz
 Amps: 1454 Amps
 Field Amps: 595 Amps
 Field Volts: 133 Volts
 Insulation Class: F/F
 Exciter: 73.2 kW, PMG

Approximate Weights

Air Inlet: 33,000 lbs.
 Silencer: 22,150 lbs.
 RT62 PT Skid Mtd: 52,000 lbs.
 Gas Gen Skid: 15,300 lbs.
 Lube Oil Console: 33,000 lbs.
 Generator Stator Weight: 62117 lbs.
 Generator Rotor: 27,836 lbs.
 Total A/C Generator Weight: 96,480 lbs.

History Of Unit:

	Unit-1	Unit-2
Year Built:	1986	1986
Year Last Run:	2003	2003
Life Time Hours:	111,644	93,973
Life Time Starts:	483	394
Hours Since Last		
Major Overhaul:	25,184	27,675
Year Major Completed:	1999	1999
Hours Since Last		
Minor Overhaul:	379	2,910
Year Minor Completed:	2002	2001
Starts Since Last Minor:	43	184

Scope Of Supply

- Gas Engine with Power Turbine
- Air Inlet with Water Injection
- Demineralization Plant
- Lube Oil System
- Turbine and Generator Acoustic Enclosure
- Generator Control Panel with Powell Vacuum Breaker
- Turbine Control Panel
- Side Exhaust with Stack.
- Generator Air Inlet
- Spare Parts
- Manuals
- Drawings

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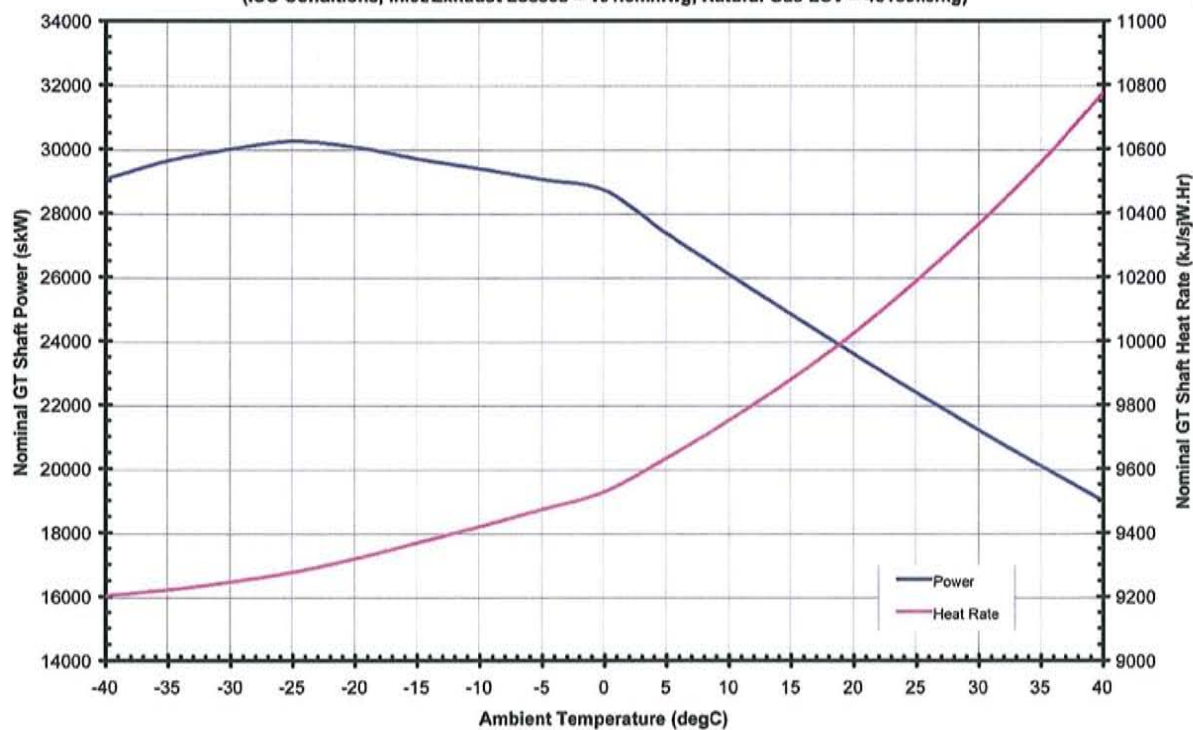


RB211 GAS TURBINE PACKAGE FACT SHEET

RB211 - 6462 PhII

Base Continuous Rating Performance Curve

(ISO Conditions, Inlet/Exhaust Losses = 101.6mmwg, Natural Gas LCV = 45169kJ/kg)



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ILLUSTRATIONS

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1 INTRODUCTION (Fig 1)

The industrial RB211 gas generator is a two spool high pressure ratio engine having a seven stage intermediate pressure compressor and a six stage high pressure compressor. Fuel is supplied to an annular combustion chamber and the resultant gases drive two independent single stage turbines coupled to the compressors through co-axial shafts. The two rotors of the gas generator are mechanically independent and run at their own optimum speeds.

The gas generator is an assembly of the following five major modules which can be removed as separate units:

Air intake module	(Module 01)
Intermediate pressure compressor module	(Module 02)
Intermediate casing module	(Module 03)
High pressure system module	(Module 04)
Intermediate pressure turbine module	(Module 05)

NOTE: The term 'Intermediate' has been retained from the aero engine terminology. The 'fan' which is the LP stage in the aero engine is removed in the industrial version.

The modules are pre-balanced to provide complete interchangeability enabling major unit changes to be carried out on site and reducing downtime caused by unserviceable components.

Vibration is suppressed by the use of a squeeze film damping arrangement on the outer races of the roller bearings which provides a high pressure film of oil between the bearings and the bearing housing.

2 GAS GENERATOR (Fig 2)

2.1 Air Intake Module (01)

The air intake casing is an aluminium alloy casting comprising an inner and outer casing separated by six integral hollow vanes. The inner casing provides a housing for the IP rotor front bearing.

The front of the outer casing is strengthened to take the gas generator front mounting which is bolted to it and the rear of the casing houses a single stage of variable inlet guide vanes which are operated by an external mechanism.

2.2 IP Compressor Module (02)

The IP compressor is a seven stage axial flow compressor consisting of a rotor drum fitted with seven stages of blades and driven by a single stage turbine. The rotor is located in a split aluminium case containing six

stages of stator vanes. The single stage of outlet guide vanes is housed in the forward end of the intermediate case. The first stage stator vanes and rotor blades have been redesigned for the industrial gas generator to provide a robust front end to the compressor.

2.3 Intermediate Casing Module (03)

The intermediate casing is machined from an aluminium alloy casting and provides housing for both IP and HP rotor system bearing assemblies and starter drive gearing. The bearing layout employed eliminates the need for inter-shaft bearings.

2.4 HP System Module (04)

The HP compressor is a six stage axial flow compressor consisting of a rotor drum and six stages of blades driven by a single stage turbine. The drum consists of three sections, the front section comprising stages one and two and the rear section comprising stages four, five and six are secured to the front and rear faces of the stage three disc respectively. The compressor case consists of six separate outer case assemblies and five stages of stator vanes which have their inner roots located in five separate split shroud rings.

A stub shaft, secured to the front of the third stage hub is supported by the compressor location bearing. An extension from the rear of the stage six disc connects to an extension on the front face of the turbine disc to provide the drive for the compressor.

The combustion section consists of an annular liner assembly supported between concentric inner and outer air cases that direct compressor air to the combustion chamber. The whole assembly is enclosed within an outer case assembly which provides the location for the 18 fuel burners.

2.5 Intermediate Pressure Turbine Module (05)

This module comprises the IP turbine and the turbine case which houses the nozzle guide vanes and the HP and IP turbine roller bearing support assembly. The turbine rotor is connected to the IP compressor by a shaft passing through the HP compressor rotor.

3 GAS FLOW

Air flowing through the intake flare enters the air intake casing and is compressed via, the IP and HP compressors prior to entering the combustion section. Fuel is introduced into the combustion chamber where it mixes with the air stream, is ignited and burned. The resultant increase in temperature expands and accelerates the gas stream rearwards through the turbine sections. Each

turbine system extracts energy from the gas stream to drive its respective compressor system.

Air, tapped from both the IP and HP compressors cools the compressor blades and hot areas of the gas generator and pressurizes the seals to prevent oil and gas leakage. IP delivery air, tapped from the intermediate casing also provides power turbine rotor cooling and seal pressurization.

4 CONTROL (GAS FUELLED)

The gas generator fuel control system consists basically of two units, a gas fuel control system, comprising a hydraulic actuator and gas control valve, and an electronic control unit containing circuits necessary for speed governing and temperature and pressure control. The gas control valve regulates the gas fuel flow to the burners, and is operated by the hydraulic actuator in response to signals from the electronic control unit.

The electronic control units compares monitored values of:

- (1) IP compressor speed
- (2) HP compressor speed
- (3) Power turbine speed
- (4) HP compressor third stage pressure
- (5) Power turbine entry temperature

with their preset datum values and the differences produce corresponding control amplifier output signals which are proportional to the fuel flow adjustment required. The output of each control loop amplifier is fed to a low signal selector which selects the signal demanding the lowest fuel flow and transmits it to the hydraulic actuator to adjust the position of the gas valve and thus regulate the fuel flow. Under normal running conditions the power turbine governor control loop demands the lowest fuel flow to the gas generator and this is the primary governor, with the other governors maintaining the gas generator within safe operating limits when the power turbine speed is increased in response to an increase in gas compressor output demand.

To prevent stalling under conditions of rapid increase in load when on power turbine governor control, an acceleration control is provided by allowing the fuel flow to increase at a rate controlled by the rate of increase in compressor delivery pressure.

When rapid deceleration is required to cope with a sudden reduction in load, flame-out, owing to under-fuelling, is avoided by the provision of a deceleration control which allows the fuel flow to decrease to a value controlled by the decrease in compressor delivery pressure.

A high speed shut-off cock in the gas fuel line will, on release of a normally energized solenoid, shut-off the fuel to the gas generator within 100 milliseconds.

5 CONTROL (LIQUID FUELLED)

The liquid fuel system is similar to that used for the gas fuel engine and consists of the two basic units, the fuel control system and electronic control unit. The electronic control unit is exactly that used for the gas fuelled engine whilst the fuel control has two additional items to that for the gas unit. There is a HP fuel inlet filter and a servo dump valve which spills excess fuel back to the fuel cooler.

6 CONTROL (DUAL FUELLED)

The gas generator fuel control system for a dual fuelled installation comprises two fuel controlled systems as described in paras 4 and 5 and a common electronic control similar to that previously described. The electronic control system is capable of controlling the gas generator using liquid fuel, gas fuel or a mixture of both. The control system has an automatic change-over facility.

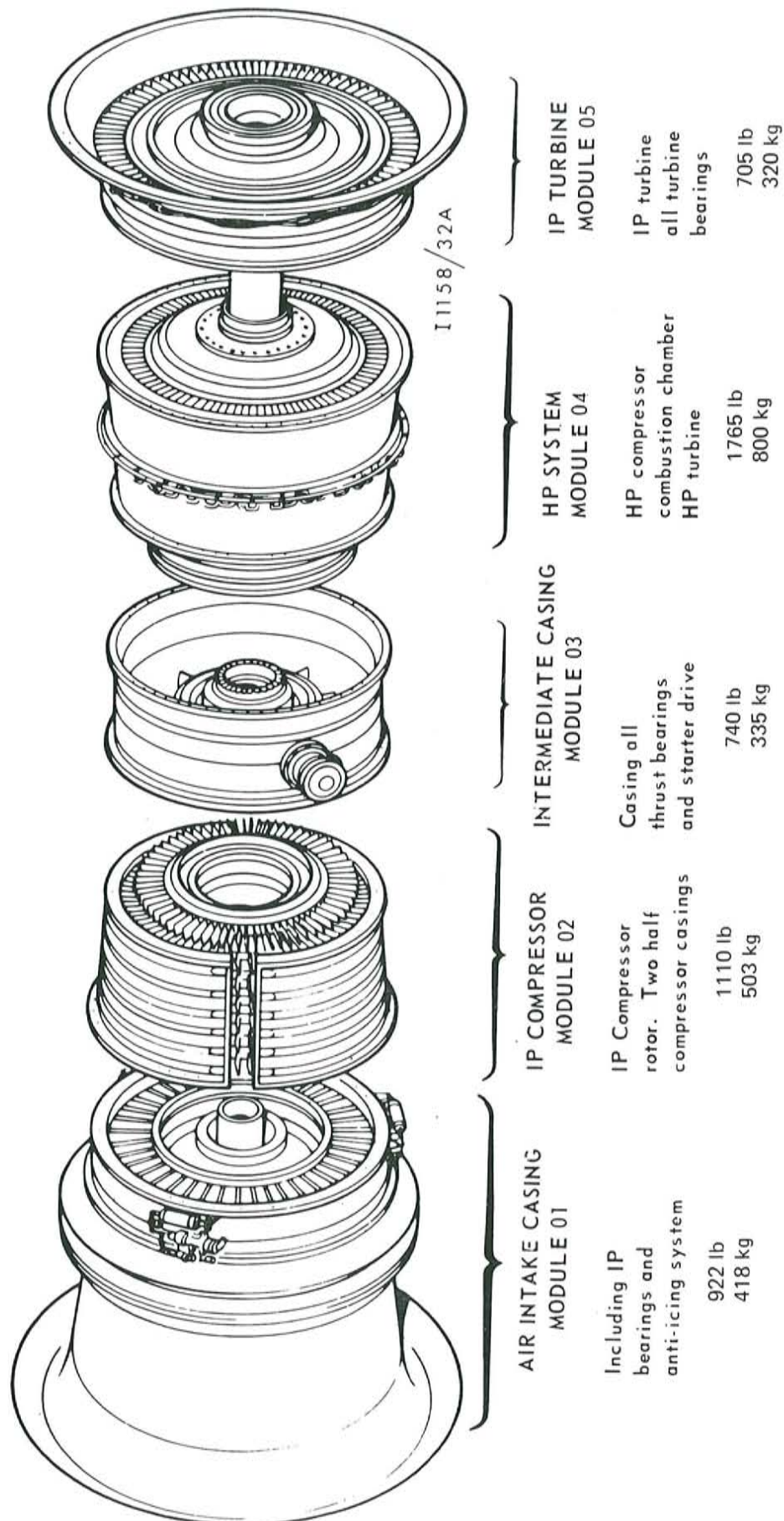


FIG 1 MODULE BREAKDOWN

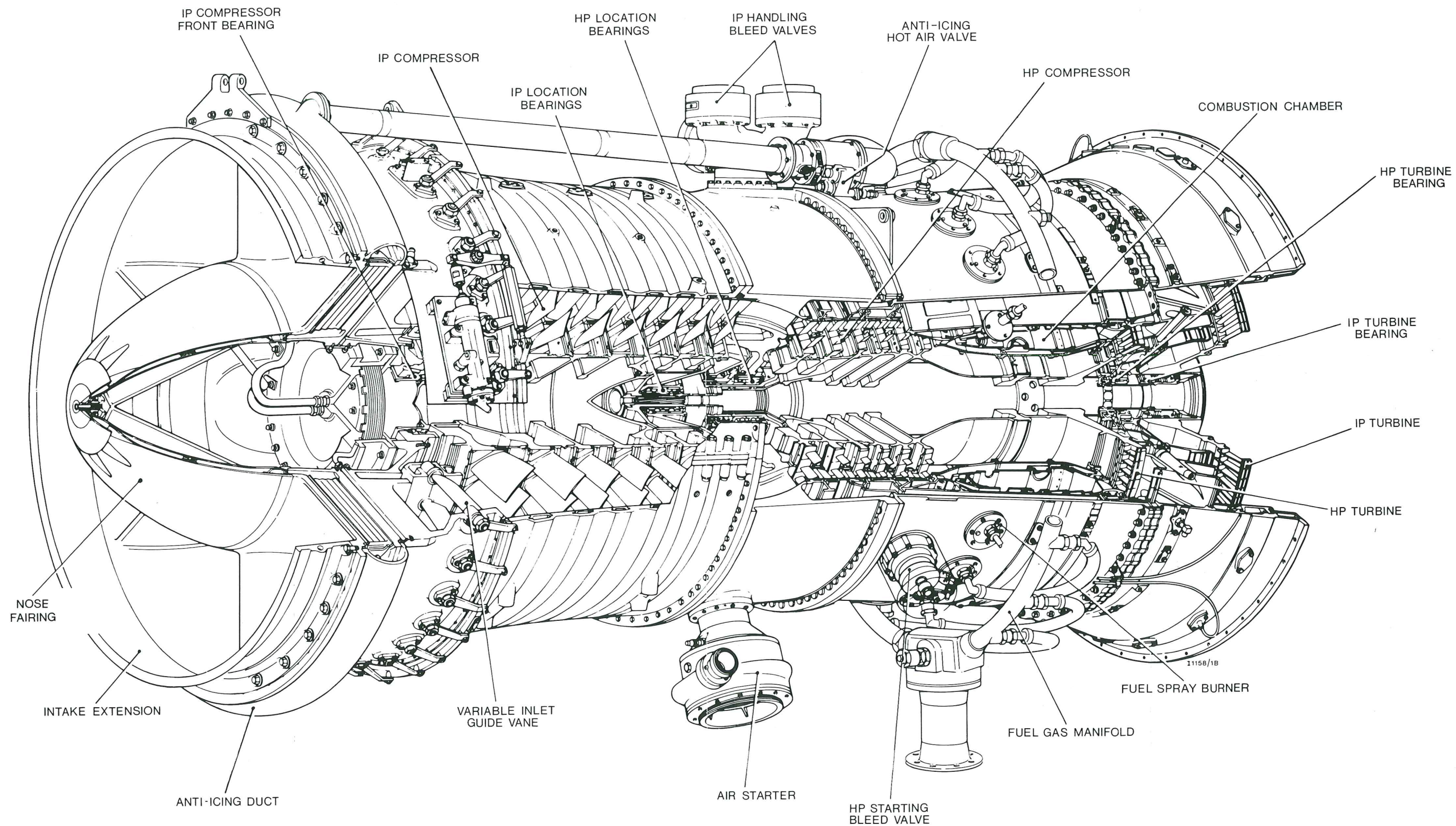


FIG 2 GAS GENERATOR
Printed in England



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JEFFREY T. CANON

SUMMARY: Mr. Canon is a Senior Executive with international independent power experience and a proven track record in operations and maintenance, business development, project management, construction management and asset management. He has proven excellence in leadership positions as an organizer, manager, and active member of teams involved in developing, constructing, and operating power plants.

PROFESSIONAL EXPERIENCE:

05/02 - Present **President & CEO**

ProEnergy Services LLC

Sedalia, MO

Responsible for the founding and start-up of the company, including the planning, development, and establishment of all policies and objectives of the company. He recruited and hired the current management team. Responsible for the overall direction, coordination, and evaluation of the eight Business Units (EPC Services, Operations & Maintenance Services, Field Services, Technical Services, Professional Services, Fabrication Services, Process Services and Energy Part Solutions). Secured the initial O&M agreement with Desert Power, Grantsville, Utah.

02/00 - 05/02 **President & CEO**

The PIC Companies

Marietta, GA

Responsible for the overall fiscal performance of the company and the planning, development and establishment of policies and objectives of the business organization in accordance with the Board of Directors directives and Corporate Charter through management of multiple subordinate executives. Was responsible for the overall direction, coordination and evaluation of the various Business Units. During presidency, expanded annual revenues from \$42 million to \$72 million within 2 years.

1999 - 02/00 **Vice President/General Manager**

Stewart & Stevenson Operations Inc

Buenos Aires, Argentina

Held asset management responsibility for the Ave Fenix facility, with a capacity of 160 MW. Managed all aspects of O&M contract and in-country business entity. Also served as a member of the Board of Directors for Ave Fenix Energia and negotiated the divestiture of a marginal asset. This divestiture included the dismantling of four LM6000's, conversion from PA models to PC models, 50/60 hertz conversion and technical assistance of centerline installation.

1998 - 1999 **General Manager- Latin America**

General Electric Contractual Services

Buenos Aires, Argentina

Held P&L responsibility for 27 facilities with annual operating income of \$120 million. Successfully managed the transition of SSOI and GECS into one operating company in Latin America, which included establishing legal entities in ten countries. Developed the infrastructure for regional offices in Bogotá, Colombia, Guayaquil, Ecuador, and Sao Paulo, Brazil. Staff included 75 salaried and 350 hourly personnel.

- 1995 - 1998 **General Manager- Latin America** **Stewart & Stevenson Operations Inc**
Buenos Aires, Argentina
Held P&L responsibility for twelve facilities with an annual operating income of \$36 million. Highlighted projects included two build, own, operate, and transfer facilities for YPF in Argentina. Served as Legal Representative/Attorney in Fact for Argentine branch and Brazilian branch. Was responsible for business development for Latin America, had administrative and fiscal duties and supervised staff, including 10 salaried and 104 hourly personnel.
- 1994 - 1995 **General Manager- International Region** **Stewart & Stevenson Operations Inc**
Houston, TX
Held responsibility for the P&L of ten facilities with an annual operating income of \$25 million. Directed all business units including operations, sales, accounting and tech support. Direct interface with all corporate personnel and all customers. Internal staff included department managers, 10 support personnel, regional offices in Bogotá, Colombia and Perth, Australia, and 150 national employees.
- 1992 - 1994 **Plant Manager- Pasco Cogen Ltd.** **Stewart & Stevenson Operations Inc**
Dade City, FL
Held P&L responsibility for a 115 MW facility with a \$3 million O&M budget. Had direct interface with plant owners and host facility, environmental officers, and Florida Power Corporation. Maintained a spare parts inventory of 1.5 million and had direct overall operations and maintenance activities with staffing of 2 salaried personnel and 18 hourly personnel.
- 1990 - 1992 **Plant Manager - ORMESA I, IE, and IH** **LFC Power Systems**
El Centro, CA
Directed the P&L responsibility for a 38 MW geothermal facility with a \$9 million O&M budget. Direct interface with plant owners, environmental officers, SCE personnel, and IID water and power personnel. Maintained a spare parts inventory of \$5 million. Overall operations and maintenance staffing consisted of 7 salaried personnel and 33 hourly personnel.
- 1988 - 1990 **Plant Manager- Greenleaf I and II** **LFC Power Systems**
Yuba City, CA
Held P&L responsibility for 2 x 50 MW facilities with a \$25 million O&M budget. Direct interface with corporate personnel, environmental officers, and PG&E gas and power personnel. Directed overall operations and maintenance activities for 14 gas wells and 22 miles of pipeline. Maintained a spare parts inventory of \$1 million. Supervised direct overall operations and maintenance activities for 3 salaried personnel and 16 hourly personnel.
- 1983 - 1988 **Operations Manager** **Ultrapower Services**
Burney, CA
Started on the construction of 3 x 11.4 MW wood fired units in Northern California. Participated on the start-up of four units and was promoted from Shift Supervisor to Operations Manager during his tenure with Ultra Power. Also participated on the roving maintenance team that provided outage support for the plants located in California; this included steam turbine overhauls, ash handling systems, boiler repairs and installation and control upgrades.

CAREER HIGHLIGHTS:

Participated in start-up of four wood-fired units.

Maintained greater than 99% availability during peak season for two consecutive years at Greenleaf Units I and II.

Assumed operations of three geothermal plants with severe technical, environmental, fiscal, and personnel problems. Resolved all issues, while improving availability and increasing power output.

Brought Pasco Cogen through pre-operations to commercial operations while earning 1994 Power Plant of the Year award from Power Magazine.

Increased International region from five facilities to thirteen facilities while organizing branch offices and companies in Guatemala, Honduras and Australia and staffing the regional office with key management and support staff.

Increased Southern Cone Region from one facility to four facilities, while organizing the Argentina branch, setting up the Brazilian Company and acting as general contractor and providing start-up services on two facilities.

Increased Latin America region income and profits by 330%, while starting-up six facilities and establishing entities in ten countries.

Increased the PIC companies' revenues by 70%; concurrently improved corporate profitability by 600%.

Increased the PIC companies' revenues by 70% while improving corporate profitability by 600%. Completed the divestiture of a marginal asset and relieved the company of a \$42 million parent guarantee.



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JOHN D. STEVENS, JR.

SUMMARY: Mr. Stevens has over 20 years experience both international and domestic. By combining his strong leadership qualities and extensive hands-on experience in the field, he has a proven track record in the global power industry market. P&L management, customer relations, operation and maintenance management, training, sales and marketing are just a few of the areas in which he has had much success.

PROFESSIONAL EXPERIENCE:

01/07 – Present **Vice President of Sales**

ProEnergy Services LLC
Sedalia, MO

Responsible for the Sales and Marketing Group. Develops domestic and international marketing and sales plans and oversees the implementation of these plans. This group performs market analysis, identifies sales opportunities, initiates technical proposals and interfaces with clients and potential clients involving negotiation of terms and conditions for contracts to provide technical services. Typical services provided include the design, modification, construction, start-up, testing and operation of various types of power generation facilities.

09/03 – 12/06 **Director, Operations & Maintenance**

ProEnergy Services LLC
Sedalia, MO

Mr. Stevens had P&L responsibility for the O&M line of business at ProEnergy. He successfully increased growth of the O&M line of business by development of departmental strategies, providing solutions, and performing technical and commercial services. He developed and maintained relationships with various customers and owners of the power plants. He also provided training services to various customers on gas and steam turbine equipment. In addition, he has taught gas turbine familiarization classes at the annual PowerGen show.

08/00 – 09/03 **Manager
Training & Program Development**

Power Industry Consultants (PIC)
Marietta, GA

While at PIC, Mr. Stevens had full P&L responsibility for the training line of business, including development, implementation, and integration of training programs that support effective project execution. He taught classes on major OEM gas turbines such as General Electric (7FA, 7EA, LM6000, LM5000, LM2500); Westinghouse (501F, 501FD); Allison (501-K17); Pratt and Whitney (FT8, FT4); and Toshiba steam turbines units. He also taught controls classes including GE MARK V, Woodward (MicroNet, NetCon 5000, 501, 2301), Ovation, and Teleperm XP.

05/99 – 08/00 **Europe/Africa/India/Middle East Commercial Mgr** **GE Contractual Services**
Atlanta, GA

During this period, Mr. Stevens was responsible for creating models and proposals for new projects and installed based units. Other duties included coordinating the turnover process between field sales and headquarters; and training French personnel in O&M modeling and availability modeling. Notably, he was able to close three Six Sigma projects that saved \$87,000, \$137,000, and \$100,000 that year alone.

02/98 – 05/99 **Plant Manager** **General Electric International Inc**

Plant TermoEmcali - Cali, Colombia, South America

Mr. Stevens was responsible for the management of a 240 MW combine cycle plant, consisting of a Westinghouse 501F gas turbine, HRSG, Mitsubishi steam turbine, WDPF DCS and a Glegg reverse osmosis water treatment plant. Mr. Stevens was responsible for project planning, staffing, budgeting, start up, training, and supervision of plant personnel during construction through commercial operation. He also served as the plant's Site Safety Director.

12/96 – 02/98 **Plant Manager** **Stewart & Stevenson Operations Inc**

Plant Pavana - Choluteca, Honduras, Central America

As Plant Manager, Mr. Stevens was responsible for one GE LM6000 simple cycle Gas turbine, Woodward Netcon 5000, cooling towers, and two 1000-ton chillers. He was responsible for all areas for a safe, profitable operational facility with regards to all international environmental issues. Other duties included: communicating with the client and to SSOI on a daily basis; providing written reports, as well as preparing annual operations and maintenance budgets; and preparing the annual maintenance plan for the plant. Mr. Stevens procured spare parts for commercial operations as well as supervising and coordinating all sub-contractors during a major overhaul.

08/95 – 12/96 **Assistant Plant Manager** **Stewart & Stevenson Operations Inc**

Plant Pavana - Choluteca, Honduras, Central America

Mr. Stevens was responsible for implementation of all plant programs, training all personnel in operations and maintenance, and ensuring adherence to first-rate engineering practices. He also controlled purchasing, inventory and material condition of the plant during start-up and through commercial operation.

12/94 – 08/95 **Regional I&C Technician** **Stewart & Stevenson Operations Inc**

Regional Office - Bogota, Colombia, South America

Mr. Stevens diagnosed and repaired electrical malfunctions at the SSOI site and assisted with the implementation of the maintenance management programs on a network at each site. He performed heavy gas turbine maintenance on a LM5000 STIG 120 power plant in Cartagena, including combustor change out and low-pressure compressor bushing work. In addition, he supervised all electrical modifications for each Woodward 501 sites in Colombia.

- 02/94 – 12/94 **Instrument & Control Technician** **Stewart & Stevenson Operations Inc**
Plant Thermoelectric - Yumbo, Colombia, South America
 While here, Mr. Stevens maintained a STIG 120 LM5000 gas turbine engine, Woodward 501 and associated equipment. He installed and implemented all plant programs, in which the plant excelled with high marks in its yearly audit, such as Vibration Analysis Trending Program. He was also responsible for the Maintenance Management Program, Electrical Motor Trending Program, Battery Program, and Lube Oil Analysis Program.
- 02/93 – 02/94 **Advanced Gas Turbine Electronics School Instructor** **US Navy**
 Great Lakes, IL
 Mr. Stevens trained personnel in console maintenance, which included logic circuits, signal conditioning, and alarm detection. Notably, he devised and implemented a training guide that improved efficiency of the training program.
- 04/91 – 02/93 **Gas Turbine Mechanical School Instructor** **US Navy**
 Great Lakes, IL
 Mr. Stevens was responsible for training personnel in the theory of gas turbine operation for the various gas turbine generator sets. During this time, he received the "Master of Training Specialist" award.
- 02/88 – 11/90 **Supervisor-Leading Petty Officer** **US Navy**
USS CALLAGHAN DDG-994
 San Diego, CA
 While here, Mr. Stevens directed and motivated eleven electronic technicians for the gas turbine electrical repair shop. During this period, the ship received the "Engineering Excellency" award. In addition, he served as inspector for quality assurance procedures including surveillance, auditing, documentation, and testing.

TECHNICAL TRAINING:

- Engineering Basics School, US Navy, Great Lakes
- GSE "A" School, US Navy, Great Lakes
- GSE "C" School, US Navy, Great Lakes
- Advance Operators School, US Navy, Great Lakes
- Static Exciters and Voltage Regulators School, US Navy, San Diego
- Woodward 2301 School, US Navy, San Diego
- Woodward EG82P School, US Navy, San Diego
- Electrical Maintenance School, US Navy, San Diego
- Instructor School, US Navy, Great Lakes
- Woodward 501 School, Stewart & Stevenson Operations Inc, Colorado
- Woodward 503 School, Stewart & Stevenson Operations Inc, Colorado
- Woodward Netcon 5000 School, Stewart & Stevenson Operations Inc, Colorado
- GE LM6000 Level 1 School, Stewart & Stevenson Operations Inc, Cincinnati
- GE LM6000 Level 2 School, Stewart & Stevenson Operations Inc, Cincinnati
- JD Edwards Maintenance Management School, GEI, New Jersey
- Westinghouse WDPF Advance Training
- Westinghouse 501F Training

- SPC 2H Advance Controller Training
- Pratt and Whitney FT4A and FT4C Training
- Pratt and Whitney FT8 Training
- DMAIC Six Sigma Training and DFSS Six Sigma Training, Atlanta, Georgia

CAREER HIGHLIGHTS:

Participated in start-up of the first liquid fueled LM6000 units.

Maintained greater than 99% availability during peak season for three consecutive years on a LM6000 liquid fuel plant.

Participated in start-up of water injection gas fired 501F units in combined cycle.

Participated in the growth of GE's contractual services such as the signing in one LTSA agreement with the revenue value of \$442,000,000 over 12 year period.

Developed a new training line of business with PIC companies; in three years, built it to generate 5 million dollars in annual revenue.

Invited back by ASME to teach gas turbine familiarization classes at the annual PowerGen show for five consecutive years.

Participated in the installation and start-up of 78 Cat units in Saudi Arabia in 90 days.

Participated as project manager on several major inspections of 501D, 501F, 7F gas turbine engines to drive productivity and remain within budgeted goals.

Participated in the expansion and growth of ProEnergy Services from startup to 350 million in revenue in six years.



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MICHAEL D. HORN

SUMMARY: Mr. Horn has over 23 years experience in power plant operations and maintenance, 18 years at a Plant Manager level or above, for both owner operator and third party O&M contract companies. Progressively achieved higher levels of responsibilities. Achieved position of Operations Supervisor in 4 years and Plant Manager in just over 5 years. Successfully managed the Greenleaf 1 & 2 power plants for over 10 years and managed the 540 MW Sutter Energy Center, California's first merchant power plant, from inception to commercial operation.

PROFESSIONAL EXPERIENCE:

1/08 – Present **Director Operations & Maintenance**

ProEnergy Services LLC
Sedalia, MO

Mr. Horn is responsible for the O&M line of business at ProEnergy Services. Essential duties include: Develop and maintain relationships with various customers and owners of the power plants and provide leadership to power plant Facility Managers and subordinates to ensure that each facility is operated and maintained in accordance with the respective O&M Agreements in a safe, reliable, and economic manner consistent with OSHA regulations, PPA requirements, applicable permits and budgets.

8/07- 1/08

Regional Director of Operations

Wood Group Power Operations Inc
West Region - Alpharetta, GA

Mr. Horn was responsible for commercial management of a region based portfolio of master services agreements, bundled services contracts and O&M contracts. Ensured that each facility was operated and maintained in accordance with the respective O&M Contract. Managed all technical deliverables by planning, contracting, and coordinating the activities required for successful delivery of contracted services. This included but was not limited to field labor activities, parts repairs, and parts replacement.

4/06 – 8/07

Plant Manager

South Bay Power Plant
Chula Vista, CA

Mr. Horn's duties included the Plant Management of the 702 MW South Bay Power Plant under a third party O&M Contract. As Plant Manager, he was responsible for overseeing all aspects of operations and maintenance activities for the power plant and administration of the third party contract. The plant consists of four natural gas fired boilers and steam turbine generator sets and one aero-derivative gas turbine operating under a combined RMR contract with the California ISO and a Direct Access Tolling Agreement with San Diego Gas and Electric. The plant has a staff of 75 persons with the operations and maintenance craft personnel under a Collective Bargaining Agreement with the IBEW.

- 4/04 – 1/06 **Plant Manager** **Calpine Corporation**
Clearwater Cogen – Corona, CA
Mr. Horn's responsibilities included Plant Management of the Clearwater Power Project, a third party O&M Contract between Calpine Power Services, Inc. and the City of Corona California. The Plant Manager is responsible for overseeing all aspects of operations and maintenance activities for the power plant and administration of the third party contract. The plant consists of a LM2500 and Shin-Nippon steam turbine in combined cycle.
- 7/01 – 4/04 **Outage Services Manager** **Calpine Turbine Maintenance Group**
West Region – Houston, TX
Mr. Horn was in charge of coordinating turbine maintenance support for the fleet of Calpine gas turbines in the Western US which included GE 7FAs, 7EAs, 6Bs, LM6000s, LM5000s, LM2500s and Siemens Westinghouse 501FDs, ABB GT24 and Rolls Royce Trent 60. Assisted plant operations and maintenance personnel with the development of major maintenance outage planning and execution. Managed the Long Term Maintenance Agreements (LTSA's & LTPs) and interfaced directly with the OEMs on the plants' behalf.
- 4/89 – 7/01 **General Manager** **Calpine Corporation**
Sutter Energy Center ; Greenleaf 1 & 2 – Yuba City, CA
As General Manager was responsible for overseeing all aspects of operations and maintenance activities for three power plants including, but not limited to the following: Regulatory compliance, staffing, budgeting, operating, maintaining, modifying, contractual compliance, customer interface and home office support. Greenleaf 1 is a 49.2 MW combined cycle power plant utilizing a GE packaged LM6000 PC gas turbine. Greenleaf 2 is a 49.2 MW Stewart and Stevenson packaged Full-Stig LM5000 gas turbine. The Sutter Energy Center is a 540MW combined cycle merchant power plant utilizing two Siemens Westinghouse 501 FD1 combustion turbines, Siemens Westinghouse steam turbine, Vogt HRSGs and Hamon Air Cooled Condenser.
- 4/95 – 6/98 **Plant Manager** **Calpine Corporation**
Greenleaf 1 & 2 – Yuba City, CA
Mr. Horn was responsible for overseeing all aspects of operations and maintenance activities for three power plants including, but not limited to the following: Regulatory compliance, staffing, budgeting, operating, maintaining, modifying, contractual compliance, customer interface and home office support.
- 2/90 – 4/95 **Plant Manager** **LFC Power Systems**
Greenleaf 1 & 2 – Yuba City, CA
As Plant Manager was responsible for overseeing all aspects of operations and maintenance activities for the two power plants including, but not limited to the following: Regulatory compliance, staffing, budgeting, operating, maintaining, modifying, contractual compliance, customer interface and home office support.
- 4/89 – 2/90 **Operations Supervisor** **LFC Power Systems**
Greenleaf 2 – Yuba City, CA
Mr. Horn was responsible for overseeing day to day operations and maintenance activities.

11/88 – 4/89 **Production Manager****UC Operating Services***Rio Bravo Jasmin – Bakersfield, CA*

Mr. Horn was responsible for overseeing the daily operation activities at the plant including, but not limited to the following: Supervising plant operators, developing and implementing operating procedures, operator training programs, water treatment program and safety programs. The Rio Bravo Jasmin plant consists of a 38MW coal fired power plant utilizing an Asea Stall steam turbine generator, 275,000 lb/hr Combustion Engineering circulating fluidized bed boiler controlled by a Taylor Mod 300 DCS.

10-84 – 11/88 **Control Room Operator****UC Operating Services***Ultrapower 1 & Ultrapower 7 – Burney, CA; Fresno, CA*

Ultrapower 1 is an 11.4MW wood fired power plant utilizing a Turbodyne steam turbine generator, a 105,000 lb/hr Zurn boiler and Rosemount Diogenes DCS. Ultrapower 7 is a 25MW wood fired power plant utilizing a Mitsubishi steam turbine generator, a 220,000 lb/hr Combustion engineering circulating fluidized bed boiler controlled by a Taylor Mod 300 DCS. As Control Room Operator, Mr. Horn was responsible for the safe and efficient operation of the facility.

EDUCATION & TRAINING:

- SW 501F Familiarization, Operations and Troubleshooting course.
- GE LM 2500 Familiarization, Operations and Troubleshooting course.
- GE LM 5000 Familiarization, Operations and Troubleshooting course.
- GE LM 6000 Familiarization, Operations and Troubleshooting course.
- Woodward 501 Governor Course.
- Stewart and Stevenson Gas Turbine Familiarization course.
- CE Taylor Mod 300 Engineers and Operator training course.
- NUS Training program.
- Fisher Controls System Power Seminar.

CAREER HIGHLIGHTS:

- Co-Managed the start-up of the Clearwater Power Plant.
- Served 3 years as a member of the Western Turbine Users Board of Directors.
- Managed start-up of three LM6000 peaker projects installed in Gilroy, CA.
- Team member responsible for permitting of the 540 MW Sutter Energy Center through the California Energy Commission power plant sitting process.
- Coordinated the conversion of the Greenleaf 1 plant from a LM5000 to LM6000PC.
- Co-directed the start-up of Greenleaf 2. Assisted in the Start-up of Ultrapower 7, Fresno, CA.



Resume
David D. Whisenhunt
President

BACKGROUND
SUMMARY:

Over 35 years experience involving all aspects of diesel and gas turbine power applications relating to power generation, oil & gas and marine applications.

EXPERIENCE:

Present

ProEnergy EPC Services LLC

President

Responsible for overall management of the full service Engineering, Procurement & Construction subsidiary of ProEnergy Services.

2001 – 2008

Wood Group Power Solution, Inc.

President

Responsible for starting a new EPC company for the Wood Group who up to that point was primarily involved in gas turbine services, oil and gas services and offshore engineering. Our management team grew the company from \$15 million in sales the first year to over \$200 million in 2007 with substantial bottom line profit and return on investment far in excess of 25%.

1998 – 2001

GE Packaged Power

Vice President

Responsible for developing the concept and establishing a new commercial marine business for GE which involved the sale and turnkey installation of 33 gas turbines aboard 22 new cruise ships built by Royal Caribbean, Celebrity, Holland America, Princess, and The Queen Mary 2 owned by Cunard.

1991 – 1998

Stewart & Stevenson Services

Vice President – Gas Turbine Services

Responsible for managing the world wide network of depots, field service and installation of gas turbines manufactured by Air Research, Allison, EGT and GE all of which were packaged by Stewart & Stevenson.

1988 – 1991

Stewart & Stevenson Services

Regional Manager – Gulf Coast Division

Responsible for full service branches in Houston, Lake Charles, New Orleans and Mobile. Stewart & Stevenson was the authorized distributor for Detroit Diesel and the Electromotive Division of GM during that time. We provided equipment sales, parts and service for all applications of diesel engines.

1986 – 1988

Stewart & Stevenson Services

Operations Manager – Houston Branch

Responsible for the operations of a full service branch which provided unit sales, parts and service for all applications of diesel and gas turbines worldwide.

1984 – 1986

Stewart & Stevenson Services

General Service Manager – Houston Branch

Responsible for managing (5) service departments covering all applications of diesel and gas turbine applications worldwide.

1980 – 1984

Stewart & Stevenson Services

Assistant General Manager – S&S de Venezuela

Responsible for setting up a production facility to fabricate diesel powered pumps, generators and marine propulsion units for oil & gas production and service companies as well as other commercial applications within Venezuela. Also managed a network of dealers throughout the country supplying parts and service on Detroit Diesel engines.

1977 – 1980

Stewart & Stevenson Services

Field Services Technician – Gas Turbines

Responsible for providing hands on service of gas turbine packages in power generation, gas compression and marine applications worldwide. This included traveling to offshore production platforms in the Gulf of Mexico and the North Sea as well as working aboard numerous US Navy warships both in the US and in overseas locations.

1976 – 1977

Stewart & Stevenson Services

Test Technician – Diesel and Gas Turbine

Responsible for leading the First Article Test of the 1000 Kw Diesel Generators for the FFG 7 Perry Class Frigates. Also tested the 2500 Kw Gas Turbine Generators aboard the DD963 Spruance Class Destroyers as well as gas turbine generators destined for locations in the US, Gulf of Mexico, Yugoslavia and Iran.

1972 - 1975

Lower Colorado River Authority

Electrician

Worked full time while attending the University of Texas as an electrician wiring meter and relay panels as well as working on construction crews building high voltage substations and transmission lines.

EDUCATION:

High School

Graduated Marble Falls High, Marble Falls, Texas - 1971

University

University of Texas at Austin

Graduated 1975 with BBA Finance

PERSONAL:

Born in 1952 at Burnet, Texas and lived in Marble Falls, Texas until attending the University of Texas at Austin. Moved to Houston, Texas in 1976 following graduation from UT to work for Stewart & Stevenson.

Father was employed by Lower Colorado River Authority from 1949 to 1993. Superintendent of (6) Hydro-electric Plants from 1983 – 1993.

Married with (2) Daughters, (1) Son and (2) Grandchildren

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BRETT BETTINGER

SUMMARY: Mr. Bettinger is a Power Industry Senior Manager with over 25 years experience both international and domestic. He is focused on business and financial commitments with abilities to create an environment where employees can make a difference, grow to their full potential, and work as a team to enhance effectiveness. He has a proven track record in asset management, project management, operations and maintenance (O&M), outage management, planning and scheduling, and customer relations.

PROFESSIONAL EXPERIENCE

- 5/08 – Present **Vice President Administration** **ProEnergy Services LLC**
Sedalia, MO
Directing all non-revenue generating departments for ProEnergy Services including: Human Resources, IT / Business Development, Purchasing, Environmental Health & Safety, QA / QC and the Administrative Staff. ProEnergy Services 2008 revenue will exceed 200M, employs greater than 200 personnel, and has offices in Sedalia, MO; Tulsa, OK; Houston, TX; Atlanta, GA; Panama; Venezuela; Argentina; Tanzania; Pakistan; and Ghana.
- 04/05 – 4/08 **Consultant** **ProEnergy Services LLC**
Adams, NY
Performed various consulting efforts relating to LFG Generation Due Diligence (x 5 Domestic), Facility Process Improvement plans, and the development & implementation of Operator Qualification Standards for a large combined cycle gas turbine facility (Taiwan). Most recent efforts involved Outage Scheduling and Project Management assistance of a 110 million gallon per year Ethanol facility's first annual outage (Iowa).
- 12/03 - 3/05 **Vice President Field Services** **Hess Microgen**
Carson City, NV
P&L responsibility for all Services of this Microgen business. O&M business inclusive of over 200 operating units, 75 separate sites, and 30 customers. Realigned all maintenance contracts, introduced processes to allow future growth, introduced and managed implementation of a computerized maintenance management system, managed outage planning and scheduling, developed invoicing processes, and brought the Services division from annual losses in excess of 2MM to .5MM margin. Introduced training programs, safety programs, service bulletin and warranty processes, improved fleet reliability and greatly increased customer satisfaction.
- 07/02 - 12/03 **Regional Director (Northeast – USA)** **ProEnergy Services LLC**
Sedalia, MO
Responsible for the regional growth of all business units of ProEnergy Services.

- 02/03 - 06/03 **Consultant – Audit & Training** **ProEnergy Services LLC**
Hsin Tao Facility - Taiwan
 Completed a 3 month assignment contracted by General Electric to perform a full site audit and develop an Operations staff qualification program for this 600 MW (3 x 7FA) combined cycle facility.
- 05/00 - 06/02 **Vice President O&M Services** **PIC Energy Group**
Atlanta, GA
 P&L responsibility for the O&M line of business at PIC. Assets included 13 O&M contracts, 100 personnel, and 14 million in annual revenues.
- 04/99 - 10/99 **Plant Manager** **General Electric International Inc**
Santiago, Chile
 Represented a newly formed Joint Venture responsible for business and contract implementation inclusive of the Central Nueva Renca Facility. This 370 MW combined cycle facility consisted of GE 9FA gas turbine, steam turbine, Mark V controls, and cooling towers. Managed outage, planning, scheduling and long term service agreement with OEM.
- 07/97 - 03/99 **Country Manager** **Stewart & Stevenson Operations Inc**
Bogota, Colombia
 P&L responsibility for all business of SSOI / GEII within Colombia South America. Created the GEII entity in Colombia and performed all functions relative to transfer of contracts and finance to the new entity. Portfolio was inclusive of a branch office in Bogota with four separate O&M facilities totaling a capacity of 760 MW's and an annual operating revenue in excess of \$5 million.
- 01/95 - 07/97 **Facilities Manager** **Stewart & Stevenson Operations Inc**
Port Hedland, Australia
 Directed start-up of 2 x 105 MW facilities consisting of 3 x Frame 6B gas turbines in Port Hedland and 3 x Frame 6B gas turbines in Newman with an additional extension of 2 x Frame 6B gas turbines located 5km from the Port Hedland facility being integrated with the existing control system. Both sites utilize Honeywell Supervisory Control and Data Acquisition Systems providing for a high level of automation inclusive of remote operations and monitoring capability of all primary equipment. Responsible for numerous substations, transmission lines, 200 km of gas pipeline, all aspects of operating and maintaining safe, reliable and efficient generating facilities.
- 1994 - 1995 **Assistant Manager/Acting Plant Mgr** **Stewart & Stevenson Operations Inc**
Parlin, NJ
 Responsibilities and achievements of this assignment were to identify existing efficiency losses, initiate preventive maintenance programs, assist owners in resolving outstanding issues with previous O&M contractor, implement safety and training programs, and planning and scheduling of long term outages to increase the availability and integrity of the facility. A 112 MW Cogeneration facility with primary components consisting of 2 x 6B gas turbines, GEC Alsthom 22.5 MW steam turbines, Entek HRSG's rated at 270 KLBS/hr each, and a Westinghouse DCS.

- 1993 - 1994 **Assistant Plant Manager** **Stewart & Stevenson Operations Inc**
Carthage, NY
Responsible for full management, planning, and scheduling of the site's gas turbine outages - CI in 1993 and a HGP in 1994. Performed coordination of contractors and was liaison with owners in regard to all warranty issues. Worked in support of numerous company projects outside of this facility. A 60 MW cogeneration plant consisting of a 6B gas turbine with a Mark IV turbine control system, Shin-Nippon 22.5 MW steam turbine, Deltak HRSG, and a Bailey NET 90 DCS.
- 1992 - 1993 **Shift Supervisor** **Stewart & Stevenson Operations Inc**
Syracuse, NY
Participated in the start-up, commissioning and operations of this 80 MW dual LM5000 cogeneration facility with a peak process steam load of 550,000 lb/hr.
- 1991 - 1992 **Shift Supervisor** **J.A. Jones Black River LLP**
Watertown, NY
Shift Supervisor for this coal-fired facility consisting of 3 x Pyropower circulating fluidized bed boilers, 55 MW Turbodyne steam turbine and a Foxboro DCS.
- 1989 - 1991 **Boiler Operator / Mechanic** **J.A. Jones Black River LLP**
Watertown, NY
Control Room Operator in this 55 MW cogeneration plant at Fort Drum, New York. Responsible for the general maintenance and operation of the physical plant throughout start-up and commissioning.
- 1988 - 1989 **Maintenance Supervisor** **Mercy Hospital**
Watertown, NY
Directed and supervised 26 personnel in all aspects of non-medical departments. Professions included: Boiler Operators, Plumbers, Electricians, Bio-medical Repair, Painters, Maintenance, Security, and Laborers. Scheduled, planned and monitored work; initiated a preventive maintenance program; and coordinated major renovations with outside contractors for this 500 bed hospital.
- 1987 - 1988 **Plant Operations Evening Supervisor** **Mercy Hospital**
Watertown, NY
Supervised all non-medical operations within the facility, including monitoring of personnel and assisting the Maintenance Supervisor.
- 1985 - 1986 **Boiler Plant Operator** **U.S. Army – Civilian**
Niagara Falls, NY
Operated and maintained 2 x 150 psig B/W oil boilers used primarily for heating numerous helo hangers.

MILITARY:

1981 - 1985

Engine Room Supervisor**US Navy****USS Patterson FF1061**

Navy Machinist Mate Second Class Engine Room Supervisor. Responsible for supervising and training 20 Technicians in the safe operation and maintenance of all shipboard steam systems and main propulsion machinery. Additional duties included writing work schedules, evaluations, and updating engineering operational sequencing system casualty control manuals. Honorable Discharge.

EDUCATION/TRAINING:

- U.S. Navy – Numerous Technical, Leadership, and Management Courses
- Frame 6B Gas Turbine & Controls Mark IV & Mark V, GE, JBE, and EGT
- LM 5000 Gas Turbine and Controls, S&S
- Turbodyne Steam Turbine, Dresser Rand
- Fluidized Bed Boiler and Controls, Pyropower
- Vibration Analysis, Entek, and IRD
- PLC, Allen-Bradley
- Numerous Management Seminars
- First Aid / CPR
- Numerous Courses toward Computer Science Degree 4.0 GPA
- Microsoft Projects

LICENSES:

- State of Maine Stationary Engineer License #3776
- Certified and Licensed for High Voltage Switching