



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

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

Missouri
 2031 Adams Road
 Sedalia, MO 65301

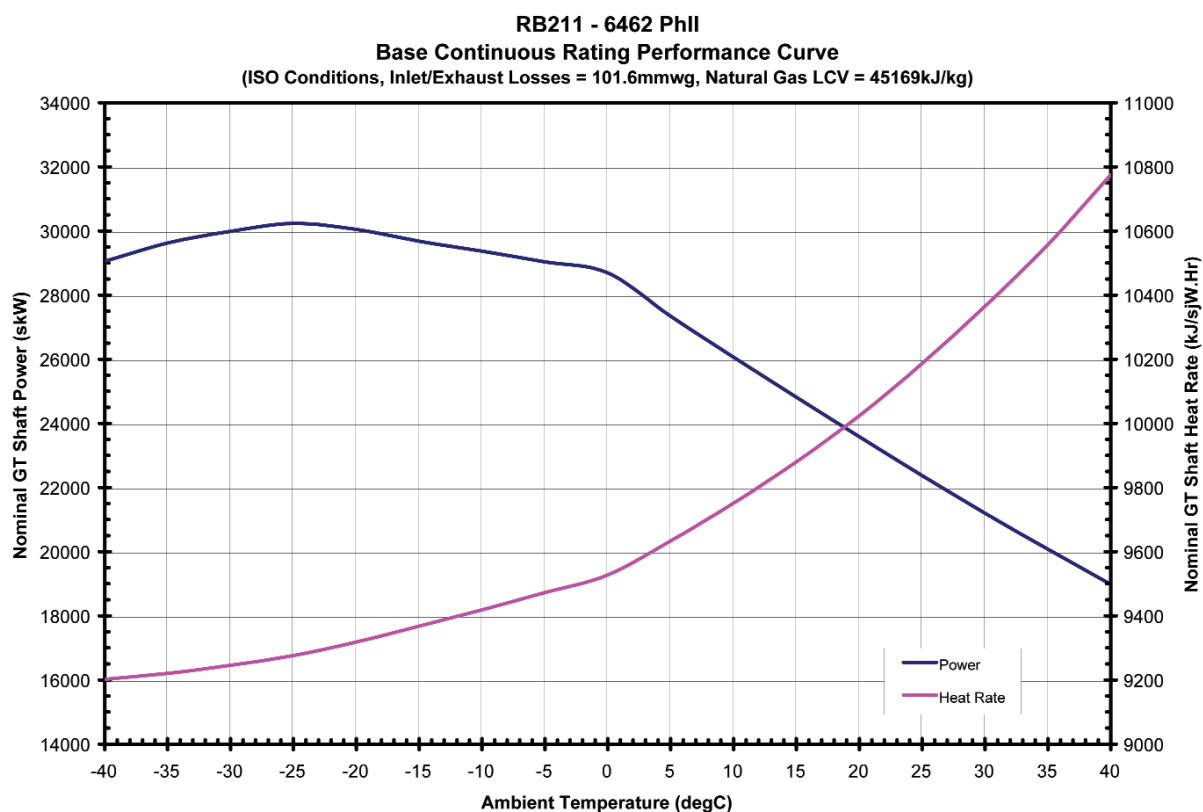
Texas
 1616 FM 1960 West
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 Houston, Texas 77090

ProEnergy Services de Venezuela C.A.
 Urbanización Los Caobos, Paseo Colón,
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 Plaza Venezuela - Caracas
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