



## 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  
 Suite 218  
 Marietta, Georgia 30067

Missouri  
 2001 Adams Road  
 Sedalia, MO 65301

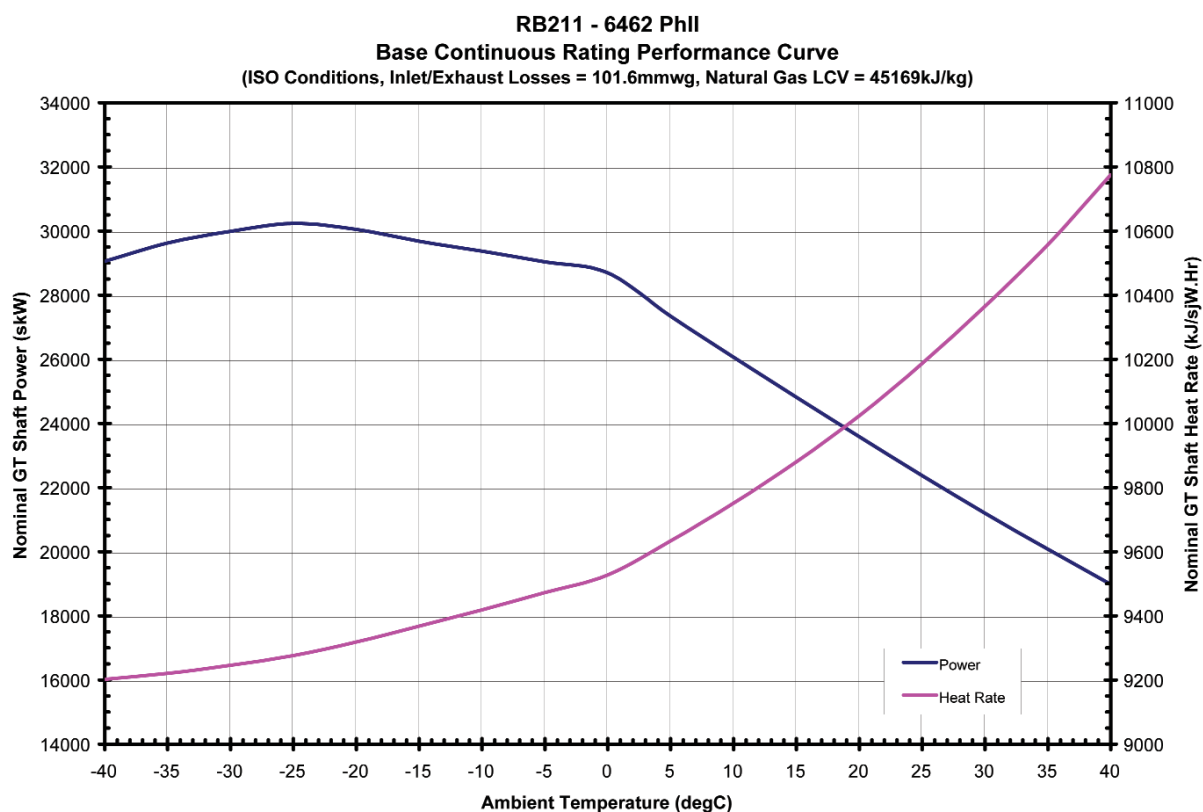
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 Plaza Venezuela - Caracas  
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