



RasGas and GE Transforming Energy thru Technology

**GE Oil & Gas Annual Meeting
Florence, Italy
January 30-31, 2006**



Overview



- The Qatar Advantage
- Role of Turbine Technology
- Operability & Reliability
- Customer / Supplier Partnership



The Qatar Advantage

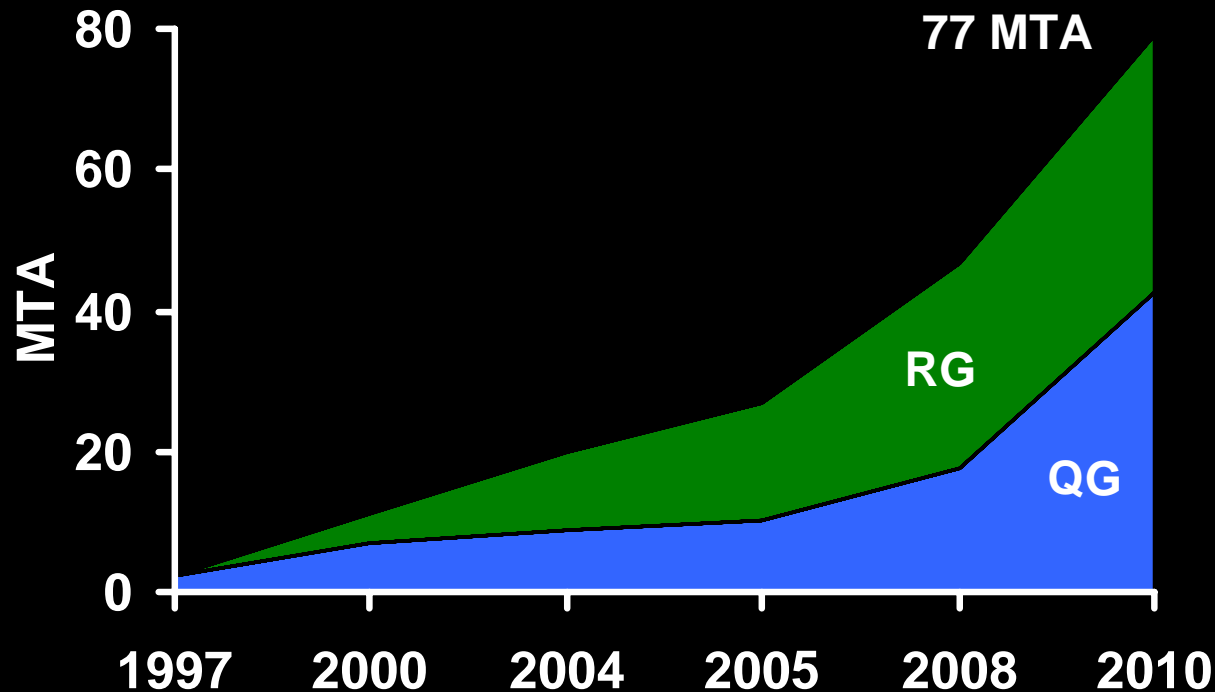


Leveraging Strengths to Deliver Energy Across the Globe

- World Class Resource combined with Visionary Leadership
- Competitive and Stable Cost Structure
- Financial / Technical Strength of Venture Partners



Qatar LNG



Improve Unit Cost Performance

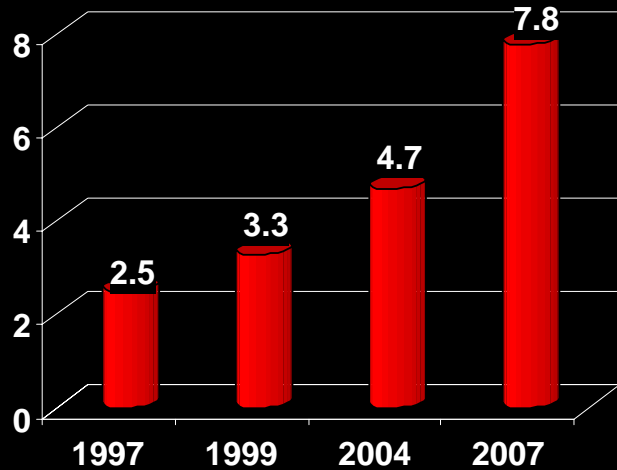
- Capture Economies of Scale thru Technology
- Infrastructure Synergies
- Integration across entire Value Chain



Technology and Train Size



Qatar Large Train Development



Role of Turbo Machinery

- 3.3 MTA – Frame 7 turbines on MR & PR loops
- 4.8 MTA – Frame 7 w/ helper motor assist
- 7.8 MTA – Three Frame 9E powering refrigeration loops



Electric Motor Rotor



Frame 9E – 3 per Train



Operability / Reliability

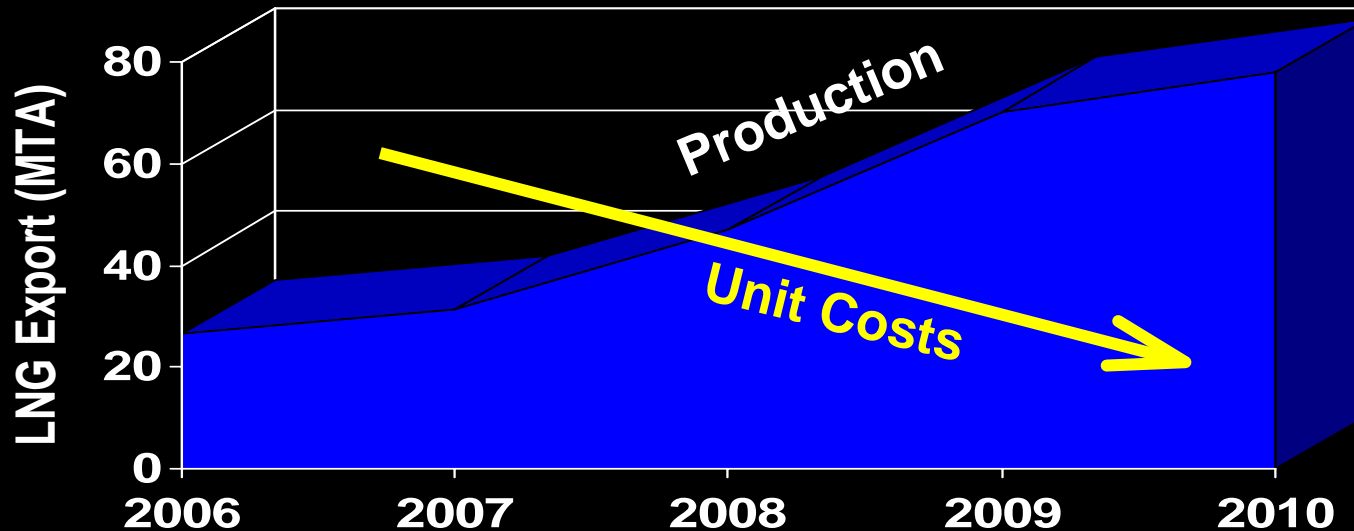


Maintenance Cycle Focus

- **Increased Inspection Interval thru combustion part technology**
 - From 12k hr to 16 k hr on Frame 7 machines
- **Reduced planned shutdown duration**
 - Rotor swapping / Crew experience / Planning & Preparedness Focus



Keys to Future



Client / Supplier Partnerships Critical to Future Success

- Increased integration / mutual reliance

Key Challenges

- Unit cost of installed power
- Continuous Improvement in Emission Performance
- Continuously Improve Reliability
- Reduce planned outage requirements
- Fuel supply flexibility
- Spare part / Inventory management