



Diverse technologies ... to meet any outcome



Jenbacher Gas Engines

A leading manufacturer of gas-fueled reciprocating engines for power generation

Power range from 0.25MW to 4MW, 4 platforms / 10 products

 Fuel flexibility: Natural gas or a variety of renewable or alternative gases (e.g., landfill gas, biogas, coal mine gas)

Plant configurations: Generator sets, cogeneration systems, container solutions

 Installed base: More than 8,000 units / 9,000 MW





High Performance Gas Turbines

Efficient heavy duty and combined cycle gas turbines can meet challenging energy needs

- Power range from 26 to 480 MW
- Flexible Usability: Power generation, cogeneration, district heating and a variety of industrial applications
- Efficient products can for the first time exceed the 60% efficiency barrier, reducing natural gas consumption
- Installed base: More than
 6,000 units / 200 million hours





IGCC - Gasification

- Pioneered by GE 30 years ago
- Transforms cheap and plentiful coal into electricity with lower emissions than a traditional coal burning plant
- Protects against volatile natural gas prices

Imperatives for cleaner coal success

Reference plant commercialization

Duke Edwardsport - Site work and detail design underway

Carbon solution

- Carbon policy
- Total carbon solution ... Schlumberger CCS alliance

Next generation technology

- Powder River Basin
- Advanced gasification technology center



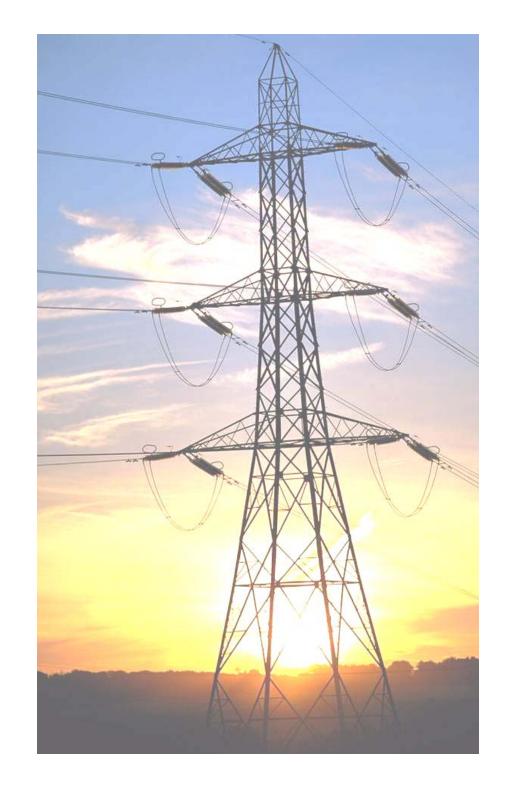


Smart Grid

The marriage of IT with our electrical infrastructure to support our 21st Century energy needs

- Resource efficiency ... supports high penetration of wind, distributed solar and Combined Heat & Power (CHP)
- Energy efficiency ... advanced controls to reduce transmission & distribution losses
- Consumer efficiency ... enables consumers to manage energy usage and costs
- Asset efficiency ... monitoring to fully utilize and extend life of existing assets
- Operating efficiency ... remote monitoring & control to improve reliability and resource utilization





Renewable Energy



 Leading N. American wind turbine supplier

• 6x unit growth since '02

12,000+ 1.5MW installed globally

Biogas

Power range: 0.25 MW-4 MW

 Fuel flexibility: Natural gas or a variety of renewable or alternative gases

Solar

- Residential, commercial and utility applications
- Largest commercial solar project in Asia
- PrimeStar Solar thin film technology investment

10 manufacturing/assembly sites

- 4,000 global employees
- Installed base: 14GW
- Projects in 40+ countries
- 10,000 sub-supplier jobs created

ESG Barriers

Many countries still impose tariffs on EGS

- Of the 153 WTO member nations:
 - Nearly 60% impose a mean tariff of 7.4% on wind turbines
 - Nearly 43% impose a mean tariff of 8.8% on solar panels
- The table below illustrates that many nations are still levying tariffs on carbon-reducing energy technologies

Wind Turbine Tariffs		Solar Panel Tariffs	
Mexico	10.0%	Russia	20.0%
China	8.0%	India	15.0%
S. Korea	8.0%	U.A.E.	5.0%
India	7.5%	Columbia	5.0%
Russia	5.0%	Brazil	3.8%
U.A.E.	5.0%		
E.U.	2.7%		
U.S.	1.3%		



Renewable Tech Trade Implications

ESG Trade can stimulate the world economy while helping nations achieve their carbon reduction goals

- An Environmental Services and Goods Agreement (EGSA) will help reduce the cost spread between fossil fuel energy and renewables/green technologies
- Many WTO countries currently employ an inefficient mix of tariffs and non-tariff barriers on renewable technologies
- The DDA remains critical, but the current lack of momentum for it should not halt ESGA trade liberalization that will spur innovation and create incentives for carbon reduction
- Serious discussions about the potential of creating a separate ESGA should commence

