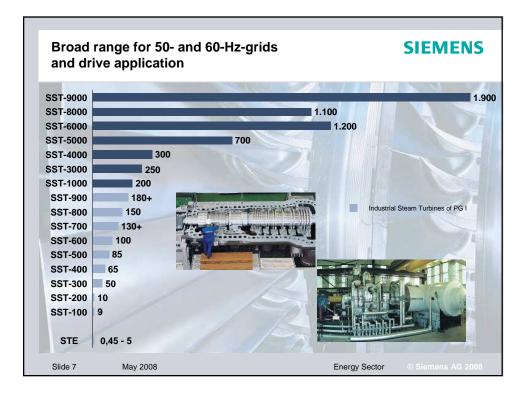
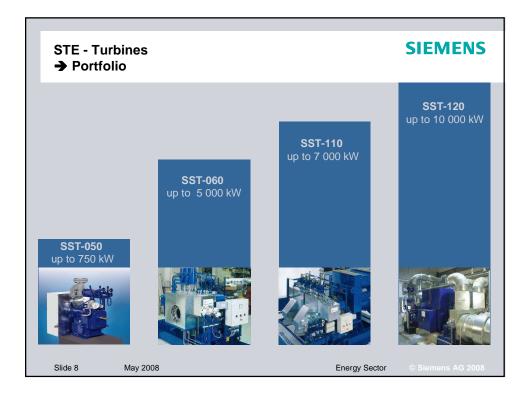
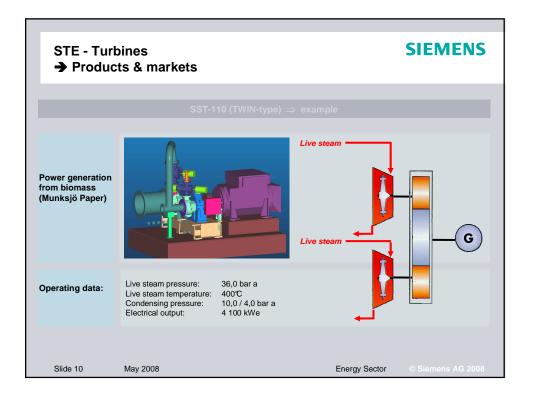


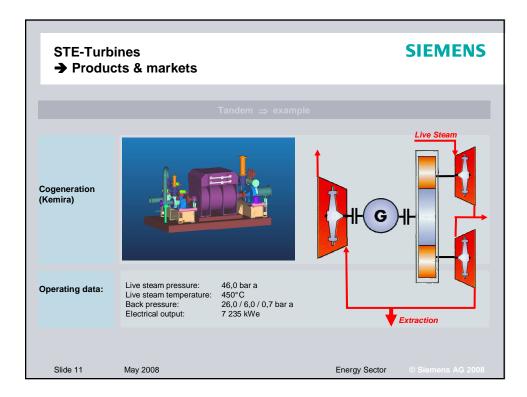
Oil & Gas Division	SIEMENS
Portfolio	CEO
<ul> <li>Gas turbines (&lt; 50 MW)</li> <li>Steam turbines(≤ 200 MW)</li> <li>Compressors and compression solutions for the process industries</li> <li>Oil &amp; gas solutions incl. power supply systems (Up-, Mid- and Downstream)</li> <li>Municipial and industrial power generation</li> </ul>	Dr. Frank Stieler
	Employees
	10,740 (fiscal 2007)
	References
Innovation highlight	Siemens is the world market leader for compressors with extremely low intake
<ul> <li>The ECO-II compressor is the only centrifugal compressor with gas-tight casing currently available.</li> </ul>	temperatures like those required in LNG (liquefied natural gas) plants.
Slide 6 May 2008	Energy Sector © Siemens AG 2008



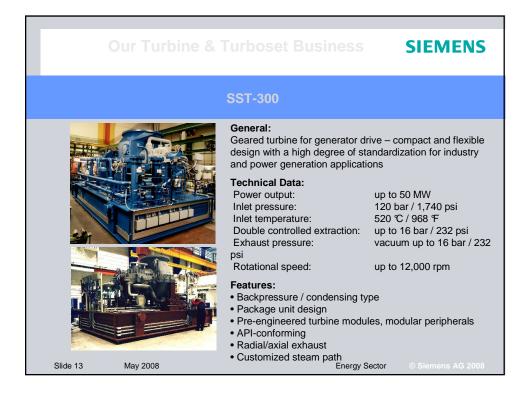


STE - Turbines ➔ Technical basic values	SIEMENS
Live steam pressure:	3 – 131 bar_a
Live steam temperature:	dry sat 530℃
Exhaust steam pressure:	0,08 – 29 bar_a
Speed:	500 – 23 000 1/min
Power:	
	up to 10 000 kW
Slide 9 May 2008	Energy Sector © Siemens AG 2008

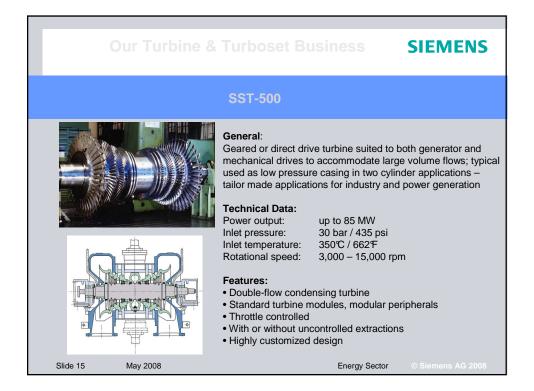




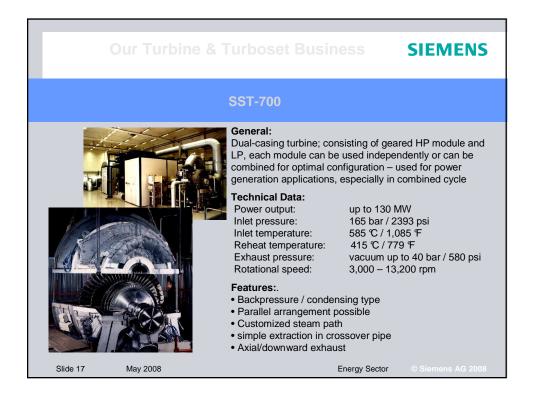
0				SIEMENS
		SST-200		
		General: Geared or direct drive tur mechanical drives for sta and power generation		
		Technical Data: Power output: Inlet pressure: Inlet temperature:	80 bai	10 MW 7 / 1,160 psi 7 / 896 F
E .		Controlled extractions: Exhaust pressure: psi	vacuu	16 bar / 232 psi m up to 10 bar / 145
		Rotational speed: Features: • Backpressure / condens	·	14,600 rpm
		<ul> <li>Package unit design</li> <li>Downward exhaust</li> <li>API - conforming</li> <li>Customized steam path</li> </ul>		
Slide 12	May 2008	High speed	Energy Sector	© Siemens AG 2008



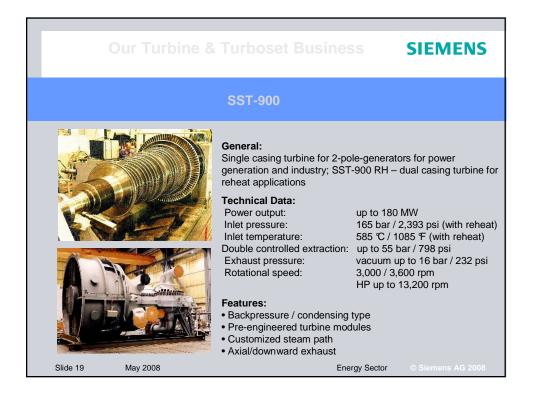
		SIEMENS
SST-400		
	General: Geared turbine for generator d design with a high degree of st power generation applications Technical Data: Power output: Inlet pressure: Inlet temperature: Double controlled extraction: Exhaust pressure: Rotational speed:	andardization for industry and up to 65 MW 120 bar / 1,740 psi 520 ℃ / 968 ℉
	Features: • Backpressure / condensing ty • Semi-package unit design • Pre-engineered turbine modul • Double extraction • Radial/axial exhaust • Customized steam path	rpe les, modular peripherals
Slide 14 May 2008	Energy Se	ctor © Siemens AG 2008



		s SIEMENS
	SST-600	
<image/>	General: Geared or direct drive turbine mechanical drives; tailor-made processes in industry an power Technical Data: Power output: Inlet pressure: Inlet temperature: Double controlled extraction: Exhaust pressure: Rotational speed: Features: • Backpressure / condensing t • Package unit design • Inner casing for high inlet ste • Steam injection possible • API-conforming	a applications for most complex r generation up to 100 MW up to 140 bar / 2,031psi 540 ℃ / 1,004 ∓ up to 45 bar / 653 psi vacuum up to 55 bar / 798 psi 3,000 – 16,000 rpm
Slide 16 May 2008	Energ	gy Sector © Siemens AG 2008



		SIEMENS
٤	ST-800	
	General Direct drive turbine with revers drive; tailor-made applications processes in industry and pow Technical Data: Power output: Inlet pressure: Inlet temperature: Double controlled extraction: Exhaust pressure: psi Rotational speed: Features • Backpressure / condensing to • Package unit design • Inner casing for high inlet ste • Steam induction possible	for most complex ver generation up to 150 MW 140 bar / 2031 psi 540 °C / 1,004 °F up to 40 bar / 580 psi vacuum up to 14 bar / 203 3000 / 3600 rpm
Slide 18 May 2008	Radial and axial exhaust     Energy	Sector © Siemens AG 2008



Renewable Energy Division	SIEMENS	
Portfolio	CEO	
<ul> <li>Wind turbines (on- and offshore) and services</li> </ul>	Dr. René Umlauft	
<ul> <li>Stake in Voith-Siemens Hydro (35%)</li> </ul>	Employees	
	3,290 (fiscal 2007)	
	References	
<ul> <li>Innovation highlight</li> <li>SWT-3.6-107 with a capacity of 3.6 MW, the world's most powerful series-produced wind power system for offshore applications</li> </ul>	With the Siemens wind power systems installed since 2003 (combined capacity of 3300 MW) as much as 8 million t $CO_2$ can be saved annually. That is approximately equivalent to the emissions in Latvia.	
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Energy Service Division	SIEMENS	
Portfolio	CEO	
<ul> <li>Services for oil &amp; gas and industrial applications</li> </ul>	Randy Zwirn	
<ul> <li>Operating power plant services</li> </ul>	Employees	
<ul> <li>e.g. spare parts, long-term service agreements, maintenance and repairs,</li> </ul>	11,780 (fiscal 2007)	
modernization and upgrades	References	
<ul> <li>Location in Sweden Finspång</li> <li>Offers service for both steam and gas turbines</li> </ul>	Servicing more than 550 GW of the Siemens fleet plus licensee. Business operated through 48 regional offices worldwide with over 4,000 employees in field service.	
Slide 21 May 2008	Energy Sector © Siemens AG 2008	