

GE
Energy

Renewables at Scale

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Executive Platform Leader

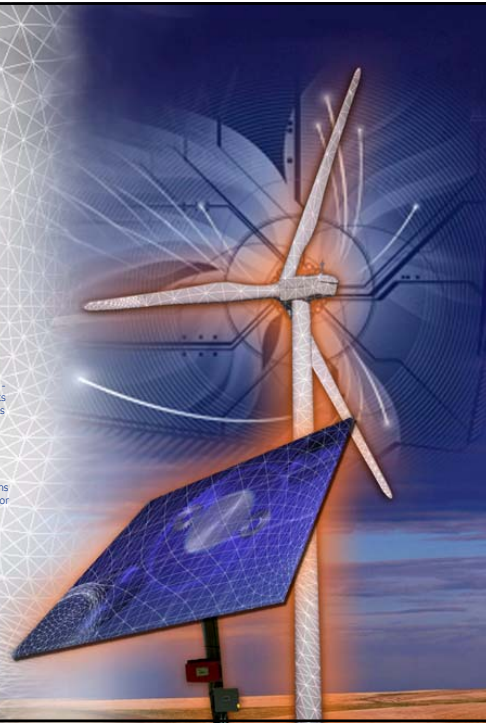
Deutsche Bank 2008
Alternative Energy Conference

Results are preliminary and unaudited. This document contains "forward-looking statements" that is, statements related to future, not past, events. In this context, forward-looking statements often address our expected future business and financial performance, and often contain words such as "expect," "anticipate," "intend," "plan," "believe," "seek," or "will." Forward-looking statements by their nature address matters that are, to different degrees, uncertain. For us, particular uncertainties that could adversely or positively affect our future results include: the behavior of financial markets, including fluctuations in interest and exchange rates and commodity and equity prices; the commercial and consumer credit environment; the impact of regulation and regulatory, investigative and legal actions; strategic actions, including acquisitions and dispositions; future integration of acquired businesses; future financial performance of major industries which we serve, including, without limitation, the air and rail transportation, energy generation, media, real estate and healthcare industries; and numerous other matters of national, regional and global scale, including those of a political, economic, business and competitive nature. These uncertainties may cause our actual future results to be materially different than those expressed in our forward-looking statements. We do not undertake to update our forward-looking statements.

Results are discussed on a continuing operations basis except as noted.



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A Changing World ...



Growing population & energy density



Cost of energy ... fuel supply & demand



Increasing environmental requirements



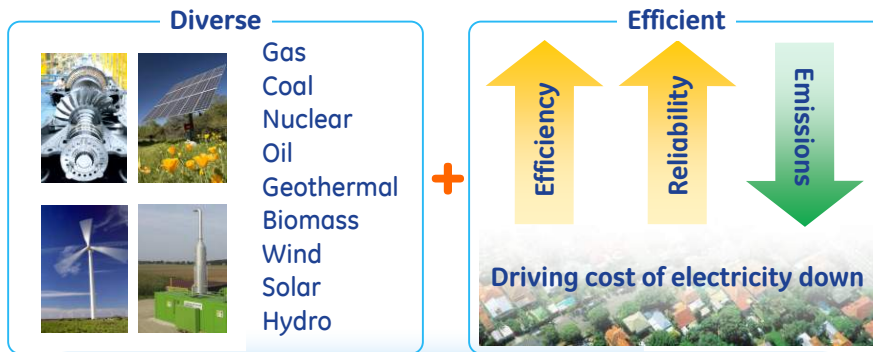
Escalating security concerns

Driving
power
generation
technology



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Fuel diversity critical



Affordable, reliable & environmentally responsible

Renewable Energy ... Why Now?

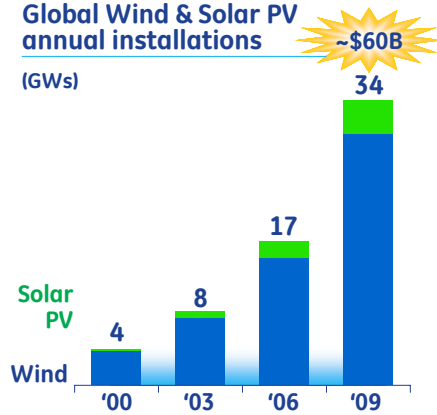


Uncertainty driving diversification

Renewables ... A Global Non Linear Shift

Global Wind & Solar PV annual installations

(GWs)



The world today

- 3,500 GW installed

1% shift toward renewables ...

~40,000 wind turbines

~\$100B

~500,000,000 solar panels

~\$700B



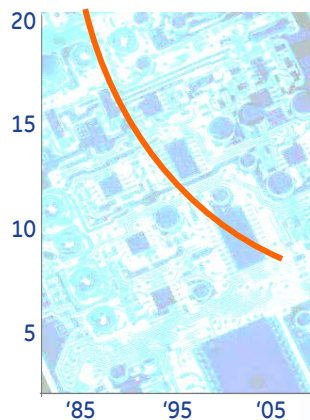
Wind & Solar ... Zero fuel cost and zero CO₂

Doubling Every 3 Years ... Massive Opportunity

Source: REN21 2007 update + EER

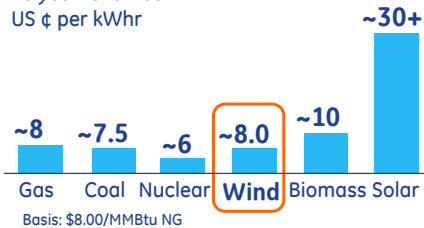
Wind ... most economic large scale renewable

Cost of Electricity (¢/kWh)



Cost of Electricity nearing mainstream

20 year levelized
US ¢ per kWhr



- Fixed cost of electricity
- Energy security
- Zero air emissions

Source: GE Internal Information



Growing the Wind Industry

Technology ...

- ✓ Reliability
- ✓ Efficiency
- ✓ Grid integration

operates like a conventional power plant

Supply chain ...

- ✓ Manufacturing growth needed
- ✓ Driving quality fulfillment
- ✓ Supplier opportunity

investment in infrastructure

Policy / siting

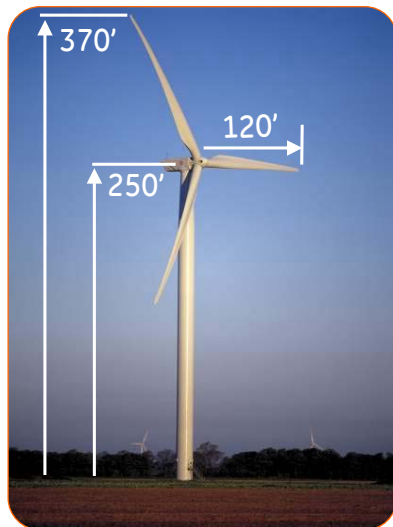
- ✓ Production Tax Credit
- ✓ Renewable Portfolio Standards
- ✓ US Climate Action Partnership

long-term, predictable commitment

A US industry & infrastructure opportunity



Advancing Wind Technology



*Approximate dimensions



Technical advancements

GE 1.5MW	'02	'07	
Rotor Size (m)	77	82.5	
Reliability (%)	85	97	+12 Pts
Cap Fact. (%)	38	47	+9 Pts
Customer Value (\$MM/GW)	-	\$450MM	

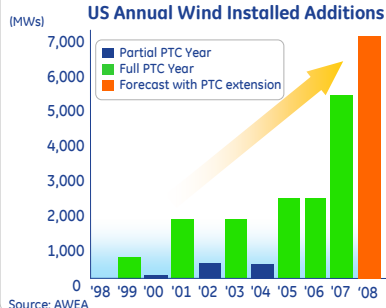
A single 1.5MW turbine ...

- Can power 500 homes
- Total weight is 155 Tons
- Has blade sets that sweep the area of a football field
- Tip speed = 200 MPH

Over 8,500 GE 1.5MW installed globally

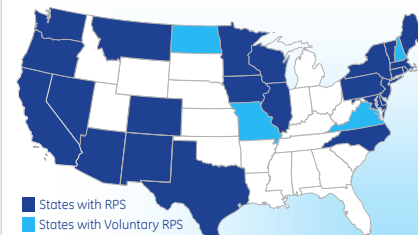
Successful Policy ... Driving Growth

Federal Production Tax Credit



Renewable Portfolio Standards

30 States & DC



Aggressive global targets

- ✓ 70 countries installing wind power
- ✓ 66 countries with renewable targets

- ✓ US ... 20% Wind '30
- ✓ EU ... 20% Renewable Energy '20
- ✓ China ... 30 GW Wind '20
- ✓ India ... 12 GW Wind '12

Source: GWEC, REN-21 2007 update



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Scaling Wind Business to Meet Demand

Product Excellence

- Focus "1.5 MW Workhorse"
- Best reliability/efficiency
- 2.5XL for Europe

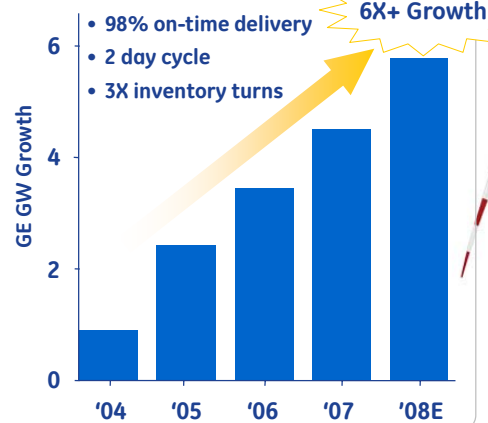
Scaling Business

- Global footprint
- Strategic supplier investments

Operational Excellence

- Weekly operating rhythm
- Integrated global supply chain
- Commercial/Risk/Policy

Shipments



Source: GE Internal Information

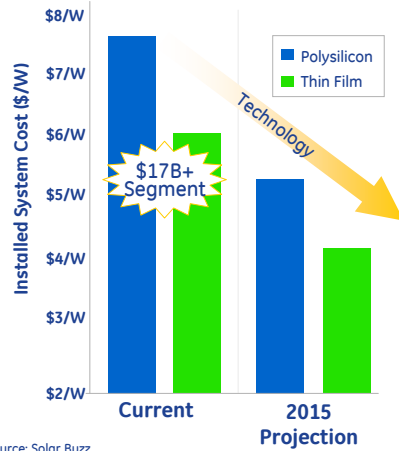
High ROTC business model



Solar ... The Next Renewable?

Installed Cost

Commercial Roof Mounted



Current Challenges

- Cost of electricity > 30 cents
- Nearly 100% incentive driven
- Large CAPEX ~\$2.5B/GW
- Technology status

Future Potential

2015 Thin Film COE	Current Retail Energy Price
California ~ 13¢	~15¢
New York ~ 15¢	~14¢
Germany ~ 20¢	~20¢

Source: GE Internal Information

Technology Advancement Required for Cost Reduction

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Solar power ... Investing in Technology

Solar America initiative

Cost-shared, three-year cooperative agreement with the U.S. Department of Energy (DOE)



Thin film investment

Majority equity interest in emerging thin film company, PrimeStar Solar, Inc.

Research & development key

Technology driving COE



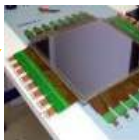
Today

Integrated systems
Commercial, residential, utility applications



Tomorrow

Optimize
- Material science
- Increase efficiency
- Value chain optimization



And beyond

Breakthrough technology
- Thin film
- Nano scale materials
- Concentrators

Wind Outlook

Sales
(\$ in billions)



Drivers

- Clear product strategy ... technology differentiation
- Price > inflation
- Operational rigor ... global supply chain/logistics

Beyond '09

- 2.5 MW platform
- Solar Growth
- Services execution

Source: GE Internal Information



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