

GE Power & Water

Renewable Energy

Vic Abate
V.P. Renewable Energy



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 financial condition, and often contain words such as "expect," "anticipate," "intend," "plan," "believe," "seek," "see," or "will." Forward-looking statements by their nature address matters that are, to different degrees, uncertain. For us, particular uncertainties that could cause our actual results to be materially different than those expressed in our forward-looking statements include: the severity and duration of current economic and financial conditions, including volatility in interest and exchange rates, commodity and equity prices and the value of financial assets; the impact of U.S. and foreign government programs to restore liquidity and stimulate national and global economies; the impact of conditions in the financial and credit markets on the availability and cost of GE Capital's funding and on our ability to reduce GE Capital's asset levels as planned; the impact of conditions in the housing market and unemployment rates on the level of commercial and consumer credit defaults; our ability to maintain our current credit rating and the impact on our funding costs and competitive position if we do not do so; the soundness of other financial institutions with which GE Capital does business; the adequacy of our cash flow and earnings and other conditions which may affect our ability to maintain our quarterly dividend at the current level; the level of demand and financial performance of the major industries we serve, including, without limitation, air and rail transportation, energy generation, network television, real estate and healthcare; the impact of regulation and regulatory, investigative and legal proceedings and legal compliance risks, including the impact of proposed financial services regulation; strategic actions, including acquisitions and dispositions and our success in integrating acquired businesses; 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."

"This document may also contain non-GAAP financial information. Management uses this information in its internal analysis of results and believes that this information may be informative to investors in gauging the quality of our financial performance, identifying trends in our results and providing meaningful period-to-period comparisons. For a reconciliation of non-GAAP measures presented in this document, see the accompanying supplemental information posted to the investor relations section of our website at www.ge.com."

"In this document, "GE" refers to the Industrial businesses of the Company including GECS on an equity basis. "GE (ex. GECS)" and/or "Industrial" refer to GE excluding Financial Services."



imagination at work

© 2010 General Electric Company.

Global macro trends



Electricity demand ... 2X by 2030



Population 8 billion by 2030



Environment ... 73 countries have renewable portfolio targets



Security ... heightened energy concerns



Changing energy needs driving new opportunities



imagination at work

© 2010 General Electric Company.

2

GE Power & Water portfolio

Diverse technologies totaling \$21 billion revenue in '09

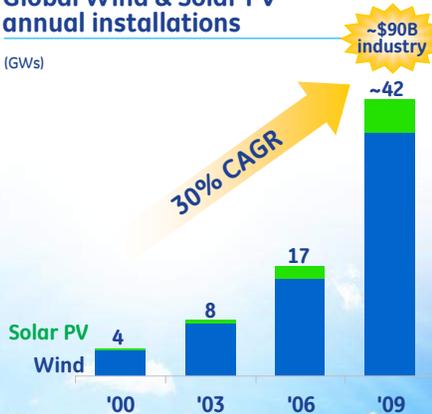


Renewables – building on power generation technology & expertise

The renewables revolution

Global Wind & Solar PV annual installations

(GWs)



Source: GE Marketing, REN21

LAST decade ... key drivers

- Technology**
 - Reliability & efficiency ↑
- Cost**
 - ↓ 80% last 25 years
- Policy**
 - EU: 20% renewables by 2020
 - US: PTC thru '12 ... 33 state RPSs
 - 50 countries installing wind power

NEXT decade ... by the numbers

- 1% more renewables =
 - ~40,000 more wind turbines
 - ~500,000,000 more solar panels

~4% penetration today ... significant growth ahead

GE's "Play to-date"

Delivering wind product leadership

Technology



- Capacity factor: ↑13pts
- Availability: 98% ↑13pts
- Advanced grid expertise
- >2X US patents vs. comp.

Customer value

40% ↑

Homes powered
per 1.5MW turbine

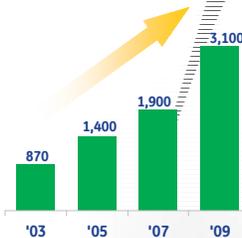


'02

'10

Scale

GE 1.5MW installed units



Source: GE Marketing

World's single largest fleet
Quality ↑, cost ↓ = margin expansion

GEs 1.5MW wind turbine ... "The industry workhorse"

2.5MW... Expanding product leadership

Technology differentiation

Industry leading energy output

Built for reliability ... 98%+

↑ 55% output

Gen MW	1.5	2.5
Energy output	6.7 GWh	10.4 GWh
Rotor	82.5m	100m
Tower	80m	100m

Big wins ... ~\$4B of commitments

Caithness ... World's largest project

- Shepherds Flat, Oregon
- 338 - 2.5MW units ... 845MW
- Installation begins '11

CEZ ... Europe's largest project

- Cogealac, Romania
- 240 - 2.5MW units ... 600MW
- Installation began '09

\$100M technology investment ... positioned to win



© 2010 General Electric Company.

7

Fleet performance driving customer loyalty

GE 1.5MW fleet availability



Smarter ... Faster ... Better

Differentiated fleet data & insight

- Remote operations & analysis
- 13,500+ units operating globally
- 350+ reliability engineers

Rigor & speed

- Daily ops reviews for focus, priority
- 80% of issues resolved within 10 mins
- Automated early warning systems

Newsweek

When asked to pick his favorite turbine
"GE units have amazing reliability"
Zhang Jianjun, Huitengxile wind farm

GE wind ... world's best running fleet

© 2010 General Electric Company.

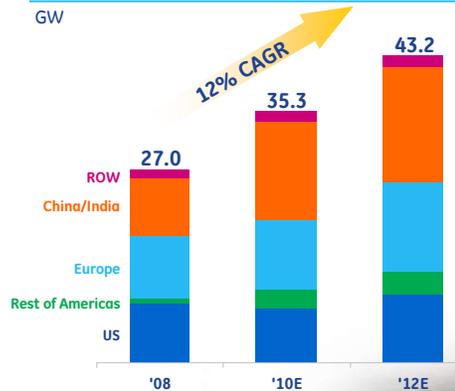
8

Next wave of growth

Onshore growth

~\$130B Opportunity '10-'12

Wind annual installs thru '12



Source: GWEC, EER

Targeting new growth regions

Canada ... ~40% CAGR

- '10-'12 installs: 3.5GW
- 2.5MW 60Hz rollout

Latin America ... ~70% CAGR

- '10-'12 installs: 4GW
- 40% of first Brazil OEM auction

E. Europe ... ~28% CAGR

- 2.5MW launch ... product design for EU
- Largest onshore wind project

China/India ... ~20% CAGR

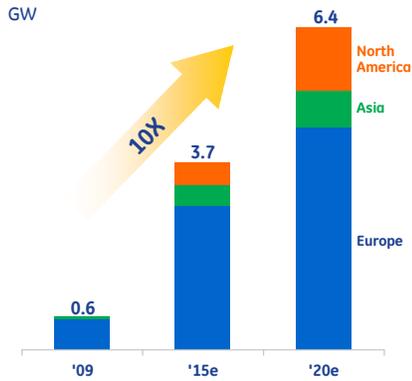
- Local assembly in place
- New products launched ... 1.5xle

Well positioned with local presence & technology leadership



Expanding into offshore

Offshore annual installs



Source: EER

Today: <2% of global wind installed base

~\$100B Opportunity '10-'20

Investing in technology leadership

- ScanWind acquisition 9/09 ... developer of direct-drive technology
- Built for offshore environment
- 4.0MW-110m rotor designed for energy output leadership
- High reliability with 40% lower planned maintenance
- Investing ~\$100MM over next 3 yrs.

Offshore technology challenges match GE strengths ... reliability a must



© 2010 General Electric Company.



Enhancing the installed base

GE units operating



Source: GE Marketing

~\$3B GE opportunity '10-'12

Technology upgrades

- Increased output & efficiency ... WindBOOST™: 4% increased energy output
- Increased reliability ... remote monitoring & diagnostics
- 6X ↑ in services R&D in 3 years

Enhanced services capabilities

- Doubled global field services organization
- Increasing portfolio of services offerings
- 10X growth in part sales

Continuous, long-term opportunity for GE & customers



© 2010 General Electric Company.



GE Smart Grid for wind



Advanced grid features

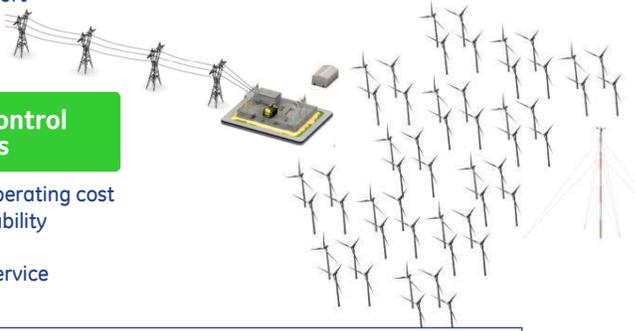
- Disturbance ride-through
- Voltage/frequency support
- Critical for higher renewable penetration



Plant level control & diagnostics

- ↑ energy output ... ↓ operating cost
- Forecasting & dispatchability
- Turbine self-diagnostics
- 90%+ faster return to service

75+ wind patents
grid integration
leadership



Proven GE power gen technology (100+ yrs) ...
making wind plants behave like conventional plants



Investing for bold moves



\$1 billion renewable energy technology investment & growing

Blade innovation	<ul style="list-style-type: none"> • Aero elastic sweep – bend twist • Advanced materials-carbon
Power conversion	<ul style="list-style-type: none"> • ↑ power density & reliability w/higher voltage • Control for increasing weak grid penetration
Drive train	<ul style="list-style-type: none"> • Direct drive ... 50% ↑ output/same weight • Compact drive ... 25% ↓ weight
Solar	<ul style="list-style-type: none"> • Thin Film technology leadership through PrimeStar • Differentiated utility-scale Brilliance™ inverter

Bringing GE scale & expertise to differentiate long-term



GE Renewables business journey

GE revenue

(\$ in billions)



GE internal data

Keys to success

- Focusing on customer value
- Product leadership
 - Technology differentiation
 - Efficiency/reliability
 - Low Cost of Energy
- Global supply chain
 - High quality
 - Rapid response
- Flawless execution ... project management & logistics

Wind ... GE's #1 ecomagination play

© 2010 General Electric Company.

15

GE Power & Water

Renewable Energy

Vic Abate

V.P. Renewable Energy



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 financial condition, and often contain words such as "expect," "anticipate," "intend," "plan," "believe," "seek," "see," or "will." Forward-looking statements by their nature address matters that are, to different degrees, uncertain. For us, particular uncertainties that could cause our actual results to be materially different than those expressed in our forward-looking statements include: the severity and duration of current economic and financial conditions, including volatility in interest and exchange rates, commodity and equity prices and the value of financial assets; the impact of U.S. and foreign government programs to restore liquidity and stimulate national and global economies; the impact of conditions in the financial and credit markets on the availability and cost of GE Capital's funding and on our ability to reduce GE Capital's asset levels as planned; the impact of conditions in the housing market and unemployment rates on the level of commercial and consumer credit defaults; our ability to maintain our current credit rating and the impact on our funding costs and competitive position if we do not do so; the soundness of other financial institutions with which GE Capital does business; the adequacy of our cash flow and earnings and other conditions which may affect our ability to maintain our quarterly dividend at the current level; the level of demand and financial performance of the major industries we serve, including, without limitation, air and rail transportation, energy generation, network television, real estate and healthcare; the impact of regulation and regulatory, investigative and legal proceedings and legal compliance risks, including the impact of proposed financial services regulation; strategic actions, including acquisitions and dispositions and our success in integrating acquired businesses; 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."

"This document may also contain non-GAAP financial information. Management uses this information in its internal analysis of results and believes that this information may be informative to investors in gauging the quality of our financial performance, identifying trends in our results and providing meaningful period-to-period comparisons. For a reconciliation of non-GAAP measures presented in this document, see the accompanying supplemental information posted to the investor relations section of our website at www.ge.com."

"In this document, "GE" refers to the Industrial businesses of the Company including GECS on an equity basis. "GE (ex. GECS)" and/or "Industrial" refer to GE excluding Financial Services."



imagination at work

© 2010 General Electric Company.