# GE Power & Water

### Steve Bolze May 14th, 2014



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," "believe," "seek," "seek 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: current economic and financial conditions, including volatility in interest and exchange rates, commodity and equity prices and the value of financial assets; potential market disruptions or other impacts arising in the United States or Europe from developments in sovereign debt situations; the impact of conditions in the financial and credit markets on the availability and cost of General Electric Capital Corporation's (GECC) funding and on our ability to reduce GECC'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; pending and future mortgage securitization claims and litigation in connection with WMC, which may affect our estimates of liability, including possible loss estimates; 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 adequacy of our cash flows and earnings and other conditions which may affect our ability to pay our quarterly dividend at the planned level or to repurchase shares at planned levels; GECC's ability to pay dividends to GE at the planned level; our ability to convert pre-order commitments/wins into orders; the price we realize on orders since commitments/wins are stated at list prices; the level of demand and financial performance of the major industries we serve, including, without limitation, air and rail transportation, power generation, oil and gas production, real estate and healthcare; the impact of regulation and regulatory, investigative and legal proceedings and legal compliance risks, including the impact of financial services regulation; our capital allocation plans, as such plans may change including with respect to the timing and size of share repurchases, acquisitions, joint ventures, dispositions and other strategic actions; our success in completing announced transactions and integrating acquired businesses; our ability to complete the staged exit from our North American Retail Finance business or the acquisition of the Thermal, Renewables and Grid businesses of Alstom as planned; the impact of potential information technology or data security breaches; 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 includes certain forward-looking projected financial information that is based on current estimates and forecasts. Actual results could differ materially.

GE's Investor Relations website at <a href="www.ge.com/investor">www.ge.com/investor</a> and our corporate blog at <a href="www.gereports.com">www.gereports.com</a>, as well as GE's Facebook page and Twitter accounts, contain a significant amount of information about GE, including financial and other information for investors. GE encourages investors to visit these websites from time to time, as information is updated and new information is posted.

#### Imagination at work

## Power & Water portfolio

~\$25B '13 revenue >37,000 employees 300+ locations







**Power Gen Products** 

**Power Gen Services** 

**Distributed Power** 



\$2B



Renewables

Water & Process Technologies

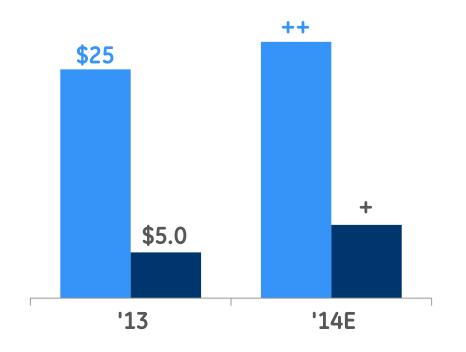
Nuclear

Diverse Technology & Services Solutions ...
Over 1,000GW installed globally



### Power & Water Overview

Rev. \$B /OP \$B



#### Macro dynamic

- Shift of demand to developing markets
- + Continued natural gas growth
- +/- Renewables PTC clarity
  - Western Europe slow with high reserve margins

### **Strategic Imperatives**

- ✓ Technology leadership
- ✓ Globalization
- ✓ Services growth
- ✓ Cost competitiveness

#### Great long-term growth platform



## Technology investment



High Efficiency
Gas Turbines



World's Most Efficient Wind Turbine



Broad, Efficient
Distributed Power
Portfolio



Energy Efficient Water Solutions



Optimizing Plant Performance



Increased R&D investment driving more customer value

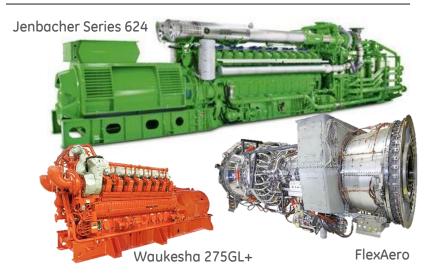
## Gas technology leadership

#### **Heavy Duty Gas Turbines**



- ✓ World's largest installed base ... ~4,600 units
- ✓ World's largest & most efficient
   H-class ... 61.4% in combined cycle
- ✓ Industry-leading H-class experience ... 10 years & 200,000 hours

#### **Distributed Power**

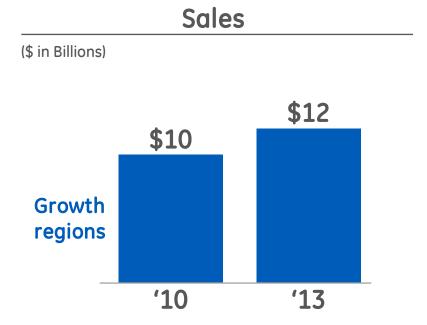


- ✓ Global 110GW installed base ...

  ~30,000 units
- ✓ Strong Aviation heritage ... >60K turbines
- ✓ Broad, efficient recip offering ...~50% non-natural gas



## Winning in growth regions



#### **GE Strengths**

- ✓ Brand ... company-country relationship
- ✓ Local partnerships with recognized players
- ✓ Low-cost ... supply chain + backrooms
- ✓ Global R&D ... right products for regions



### **Growth regions**

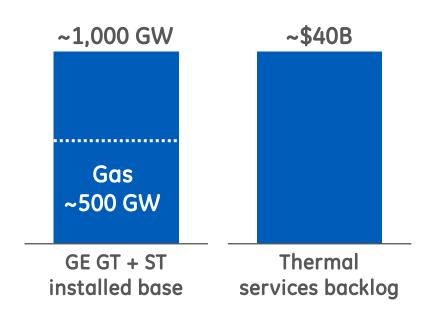
	Sales \$	Drivers
MENAT	4.4	Algeria, Saudi
<b>Lat</b> AM	2.3	Brazil Wind, Mex.
( Canada	1.2	Heavy Oil, Wind
China	1.1	Gas growth
Russia	0.8	Gas availability
Asean	0.7	Energy demand ↑
Sub Sahara	0.5	Electrification

#### Capturing global trends

- ✓ Emerging markets & DP growth
- ✓ Age of Gas ... increasing global availability
- ✓ Energy policy reforms ... Japan, Mexico

### Services value creation

#### **GE Power Gen Installed Base**



- ✓ Services ~50% of P&W's revenue
- ✓ Attractive margins

#### Why we win

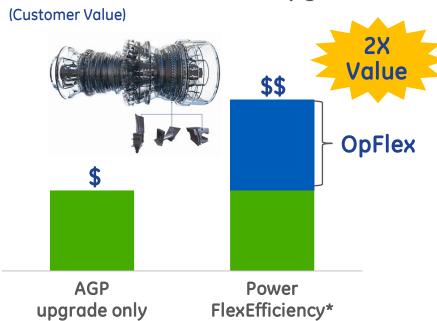
- Winning products = installed base growth
- 2 Local capability to support customers
  - 1,500 field engineers + 6,000 service craft labor
  - 100+ countries
- 3 Best customer outcomes driven by Services 2.0
  - CSA model
  - Material science
  - Software & analytics

#### Sustainable and proven business model



### Services launches

#### **Advanced Gas Path Upgrades**



- 19 AGP upgrades in '12 ... 54 in '13
- Software & analytics ... 2x customer value
- ~2 year investment payback

#### Wind PowerUp







"Maximizing the power output of a wind farm"

- Software analytics to enhance performance
- 1,000 units now under contract ... GE has ~25,000 unit installed base

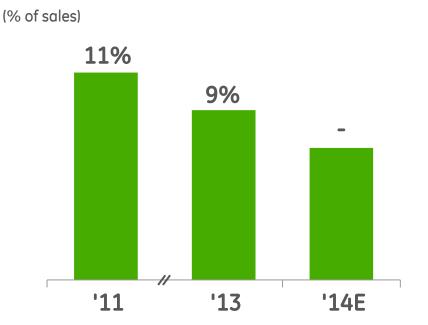
New technology increasing customer profitability



\* Trademark of General Electric Company

## Cost competitiveness

#### SG&A savings



- ✓ ~\$400M cost out over last 2 years
- ✓ Consolidate structure, functional cost
- ✓ Investing in ERP infrastructure

#### **Product cost savings**





1x Wind Platform

Heavy Duty GT

- ✓ Engineering/design & sourcing focus
- ✓ Cross functional COE's driving cost ↓
- Multi-platform component strategy



## Transformation for cost savings

### Global centers of excellence ... local, high quality, cost competitive



Greenville, South Carolina, USA



Belfort, France



Jenbacher, Austria



Hangzhou, China



Haiphong, Vietnam



Petropolis, Rio de Janeiro, Brazil



Dammam, Saudi Arabia



Pune, India



Batna, Algeria



<sup>√ 21 → 40%</sup> LCC/US Competitive Wage Employees

✓ 2X Labor Hour Productivity

✓ 79 → 45 Fulfillment Centers



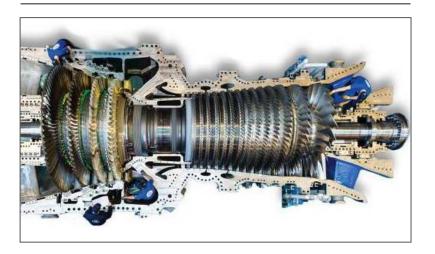
## FastWorks for Speed

#### Diesel engines



- ✓ Best in class efficiency
- ✓ Product introduction acceleration ... ↓ 1.5yrs
- ✓ Launch in 18 months @ 30% of original development costs

#### **HA Gas Turbines**



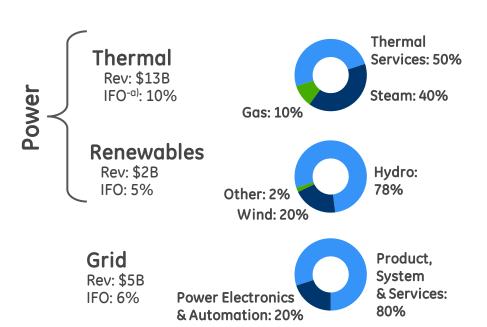
- ✓ World's largest & most efficient
- ✓ Accelerated product introduction ...2 yrs faster, 50% bigger than F-class
- ✓ 4 models introduced ... 56 units bid



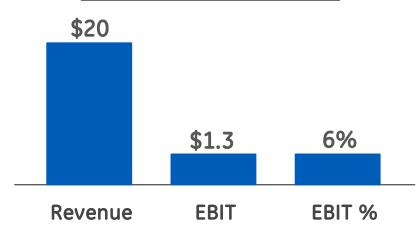
### Alstom Power & Grid

(\$ in billions)

- ✓ Technology complementary to GE
- ✓ Global assets ... large installed base
- ✓ Subscale on its own



#### LTM Sept. '13 financials



- ✓ ~85% of revenues outside N. America;~80% outside of W. Europe
- √ ~34% of revenues from services
- ✓ ~\$38B of backlog
- √ ~65k employees, ~14% in France

#### Businesses GE knows well





### Here's what we like ...

- 1 Broad services business with big installed base ... ~350GW
- 2 ~\$38B backlog
- 3 Strong customer relationships
- 4 A leading fossil and nuclear steam turbine technology
- 5 Complementary renewables platform ... a leading Hydro player ... offshore wind capability

- 6 Broad high voltage grid business ... more competitive with market leaders, Siemens & ABB
- 7 Total power plant and project capability
- 8 Emerging markets footprint
- Global leadership team; good engineering
- Overlapping global structure with GE

Electricity demand 1 ~50% by 2030 with ~65% from centralized generation ... grid infrastructure investment required



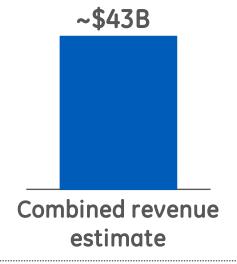
## Improves Power & Water portfolio

- 1 Grow combined services bringing expanded scope to installed base
  - + GE's investments in analytics & services technology broadly applicable; improves customer outcomes
- 2 Improved **gas turbine offering** through enhanced overall plant performance ... win more
  - + Global industry trend towards project solutions for customers
- Expand **renewables** footprint ... diversify with a leading Hydro business + Broad set of renewables technologies
- 4 Enhance **emerging markets** capability ... India, China, Brazil, Middle East + Alstom adds ~\$10B of revenue to GE's growth market footprint
- 5 Clear synergies potential
  - + Focus areas ... supply chain, sourcing, R&D, and SG&A

More valuable enterprise ... creates value for customers



### The new Power & Water



### **Competitive advantages**

- ✓ Enhanced technology position
- ✓ Large installed base
- ✓ Broader global reach
- ✓ Double-digit profit growth

#### Global platforms

Thermal	~\$24	
Renewables	~\$10	
Distributed Power	~\$6	
Nuclear/Water	~\$3	

Services ~\$19



#### Great business ... attractive returns



## P&W acquisition/integration experience

#### EGT (France)



- Global power
   COE for 15 years
- Effective team & competitive cost

#### **Enron Wind**



- Industry leading Renewable biz
- From bankrupt asset to \$5B+ portfolio

#### Jenbacher (Austria)



- Cornerstone of our global distributed power business
- 3X revenue under GE

#### Waukesha

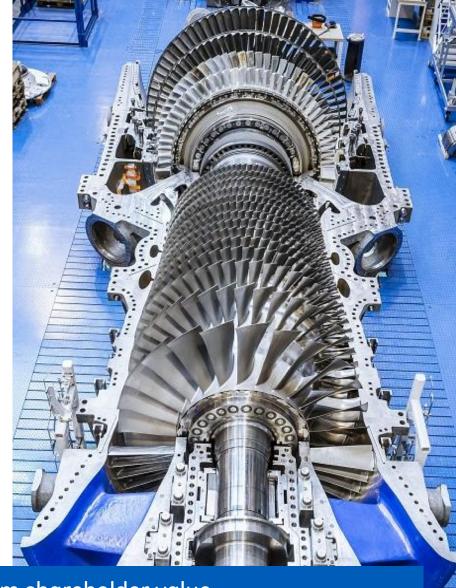


- Workhorse platform for Oil & Gas
- ~2X profitability under GE
- ✓ Long history of improving the performance of acquired businesses
- ✓ Experienced, proven integration team



## Wrap up

- ✓ Great, high-return global P&W business
- ✓ Clear competitive advantages:
  - Technology leadership
  - Globalization ... world-class
     & flexible supply chain
  - Strong services business ...
     large installed base
  - Simplification for speed & cost
- ✓ Smart investing in a dynamic environment



Position GE for long-term shareholder value

