

Smart Grid

Improving economic competitiveness through smarter energy investments

Luke Clemente, GM, Smart Grid
GE Energy, Transmission & Distribution
November 5, 2009

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."

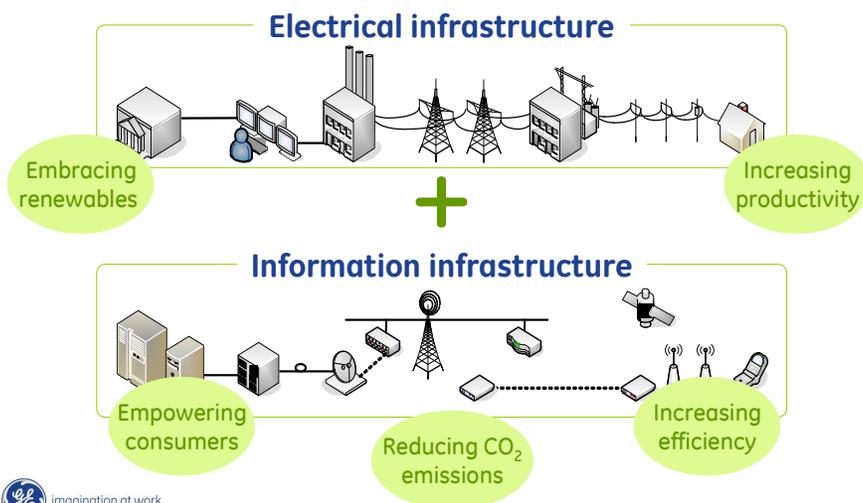


1

© 2009 General Electric Company. All Rights Reserved.

A smarter grid

The integration of two infrastructures ... securely ...



2

Sources: [1] UtilityPoint, by Ethan Cohen 7/18/0 [2] EPRI® IntelliGrid

© 2009 General Electric Company. All Rights Reserved.

In the news...

"Biggest award made in a single day from stimulus package"



LATEST NEWS SIX U.S. FOREIGN STAFF KILLED IN ATTACK IN KABUL

UPDATE 1-Obama announces \$3.4 bln in grants for smart grid

Tue Oct 27, 2009 12:58pm EDT



By Steve Holland

ARCADIA, Fla., Oct 27 (Reuters) - President Barack Obama on Tuesday announced \$3.4 billion in grants to help build a "smart" electric grid meant to trim utility bills, reduce blackouts and carry power generated by solar and wind energy.

It was the largest award made in a single day from the \$787 billion stimulus package approved by Congress. The White House said the award will create tens of thousands of jobs while upgrading the U.S. electric grid.

Republicans have heavily criticized the stimulus as wasteful spending that has done little to reduce America's 9.8 percent jobless rate.

The grants, which range from \$400,000 to \$200 million, will go to 100 companies, utilities, manufacturers, cities and other partners in 49 states -- every state except Alaska.



© 2009 General Electric Comg

Geopolitical drivers ...



Source: Army Corp of Engineers



Source: U.S. Conference of Mayors resolution for Congress



Source: Energy Information Administration



© 2009 General Electric Company. All Rights Reserved.

Coupled with utility industry challenges

Carbon policy driving influx of green energy sources

Energy demand increasing long term

Rising cost of energy

Aging infrastructure & workforce

Importance of reliability & quality



The 4 "E" drivers

- Economic Competitiveness
- Energy Independence
- Empowerment of the Consumer
- Environmental Sustainability & Efficiency



GE has a great start

- DMS/OMS real-time data to improve reliability
 - 69 utilities in 16 countries, including global top 3 utilities
- Data management from device to enterprise
 - 300,000 Installations
- EMS managing transmission networks
 - Over 100 utilities, servicing 1.3B consumers
- GIS visualization for network design
 - More than 1,000 companies, in 40 countries



7

© 2009 General Electric Company. All Rights Reserved.

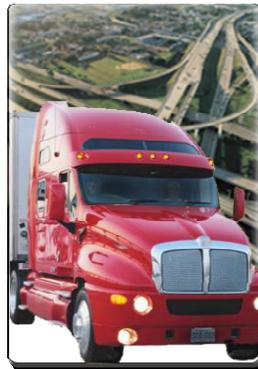
We're data management experts



Private label
credit cards



Patient records
and care tracking



Mobile resource
management



8

© 2009 General Electric Company. All Rights Reserved.

Collaborating with customers

- Partnering to develop advanced technologies
- Wide range of input and perspective
- Best practice sharing across the bigger GE

Expediting deployment of proven solutions

Delivering holistic solutions

Demand optimization

Distribution optimization

Transmission optimization

Asset optimization

Workforce & engineering optimization

Working together
to provide
customer solutions



The smart grid at work

Florida to lead the nation in energy efficiency with **\$578 million** smart grid initiative



Hawaii working to bring more renewables on-line via GE smart grid technologies



11

© 2009 General Electric Company. All Rights Reserved.

Thank you ...

