

GE Energy

# Smart grid: empowering smarter energy choices



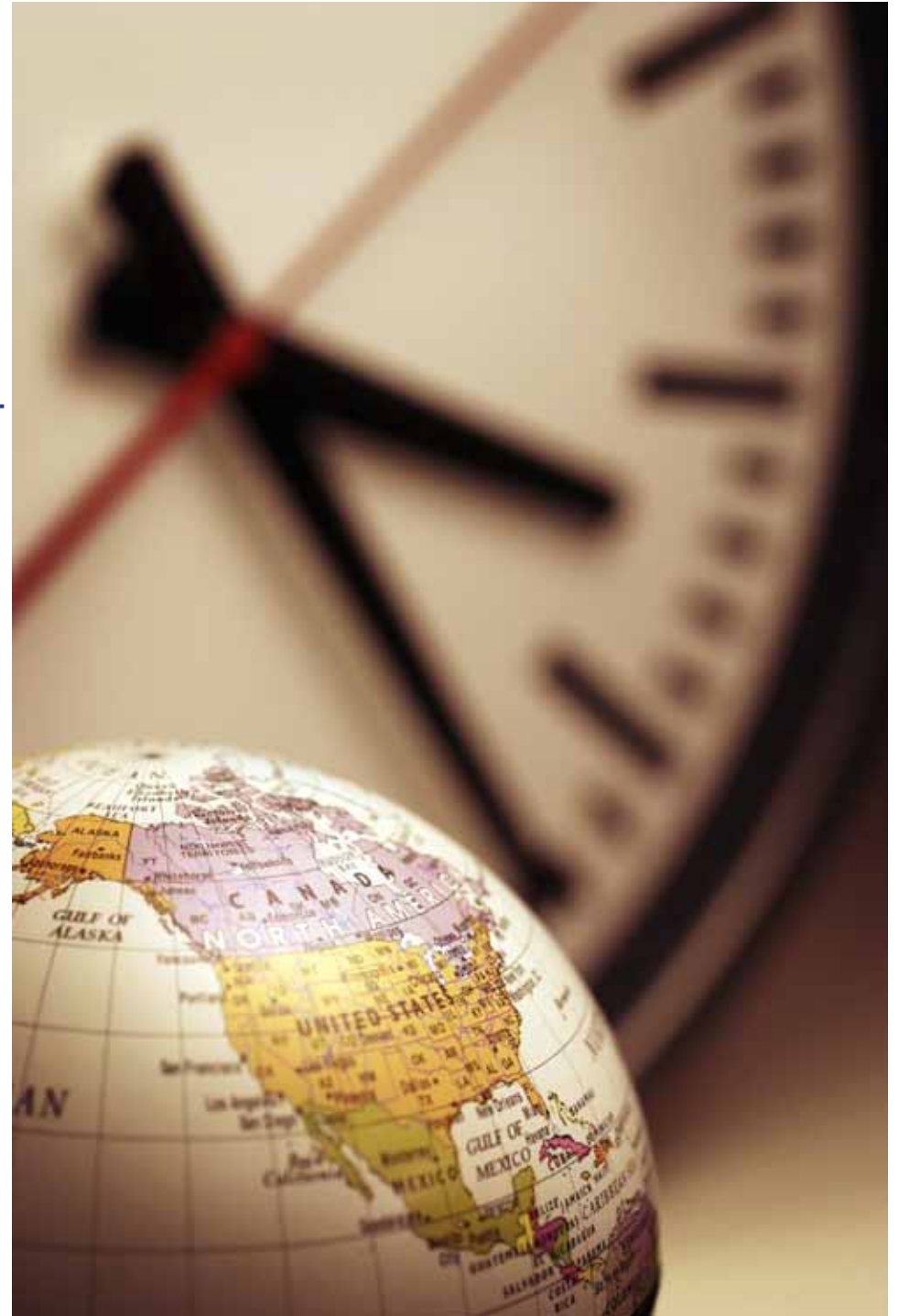
imagination at work

The time is now

Global energy consumption  
to triple by 2050

40% of all CO<sub>2</sub> emissions  
from power generation

US spends \$200K per m<sup>in</sup>.  
on foreign oil



# The technology is ready

Advanced metering infrastructure

Smart meters

Grid management software

Asset management

Grid automation

Home energy management



# Focus stimulus on delivering the right stuff

## Job creation :

- \$30B for clean, efficient American energy will create ~500,000 jobs.\*

## Energy security/carbon reduction :

- More renewables (distributed and central)
- Increased productivity – do more, with less
- Consumer empowerment



\*Nancy Pelosi, Speaker of the House

# Smart Grid USA

Repositioning the US as a  
world leader in innovation

From the computer  
industry to the 'energy  
internet'

US to lead in Smart Grid



Together, we can make it happen

DOE, NARUC, FERC

EPRI, NEMA, IEEE

GridWise Alliance

GE/Google Clean Energy Alliance

Smart Energy Alliance

Technology ecosystem

Utility advisory boards



# Consumer Education/Engagement Micro site/Augmented Reality

