GE VERNOVA INDUSTRIALIZING TECHNOLOGY AT SCALE

Scott Johnson, Advanced Technology Leader Gas Power



For the new era of energy...a new company with full focus on the energy transition



BOX Global employees



12

Businesses + Accelerators

Digital

Financial Services

Gas Power -

Grid Solutions

Solar and Storage Solutions

Hydro Power

Nuclear Power

LM Wind Power

Offshore Wind

Onshore Wind

Power Conversion

Steam Power

Advanced Research*

Consulting Services*



^{*}Accelerators

Strength + reach





~30%

World's electricity generated with the help of our **technology**



2,200GW

Global Installed Base



\$29B

2022 revenue ~50% services



7K

Gas turbines installed... world's largest fleet



1st

Small Modular Reactor commercial contract signed in North America



\$4B

Financial Services - enabled orders



54K

Wind turbines installed in >50 countries... #1 Onshore Wind in US^a



1SI

Enhanced Electric Gas Turbine (EGT) Aero + Storage + Hybrid Control



~\$1B

Investment Advanced
Research + Businesses
~3% of revenue



30%

Global utilities served by our **software**



220M

Haliade-X rotor size



\$107E

a) Source: American Clean Power Association

b) GE Vernova refers to the sum of our Renewable Energy & Power segments, without giving effect to eliminations and Corporate adjustments On a stand-alone basis, GE Vernova will include GE's portfolio of energy businesses and Digital

Our mission: decarbonize + electrify



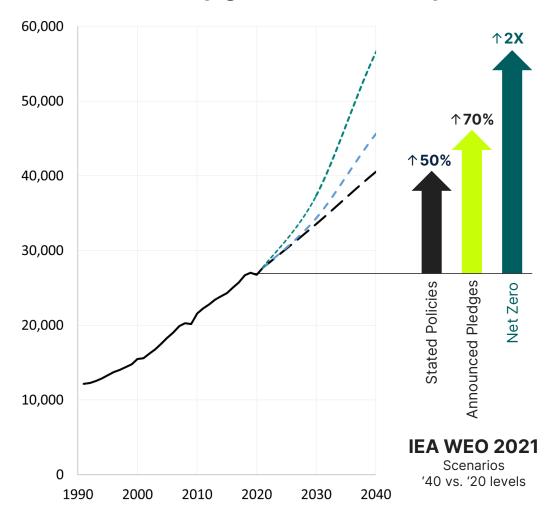
The world needs more electricity

- >50% increase over the next 2 decades
- ~775M people lack access to reliable electricity
- Enables economic growth, health and prosperity
- Electrification of transportation, industry and heat to decarbonize non-power sectors

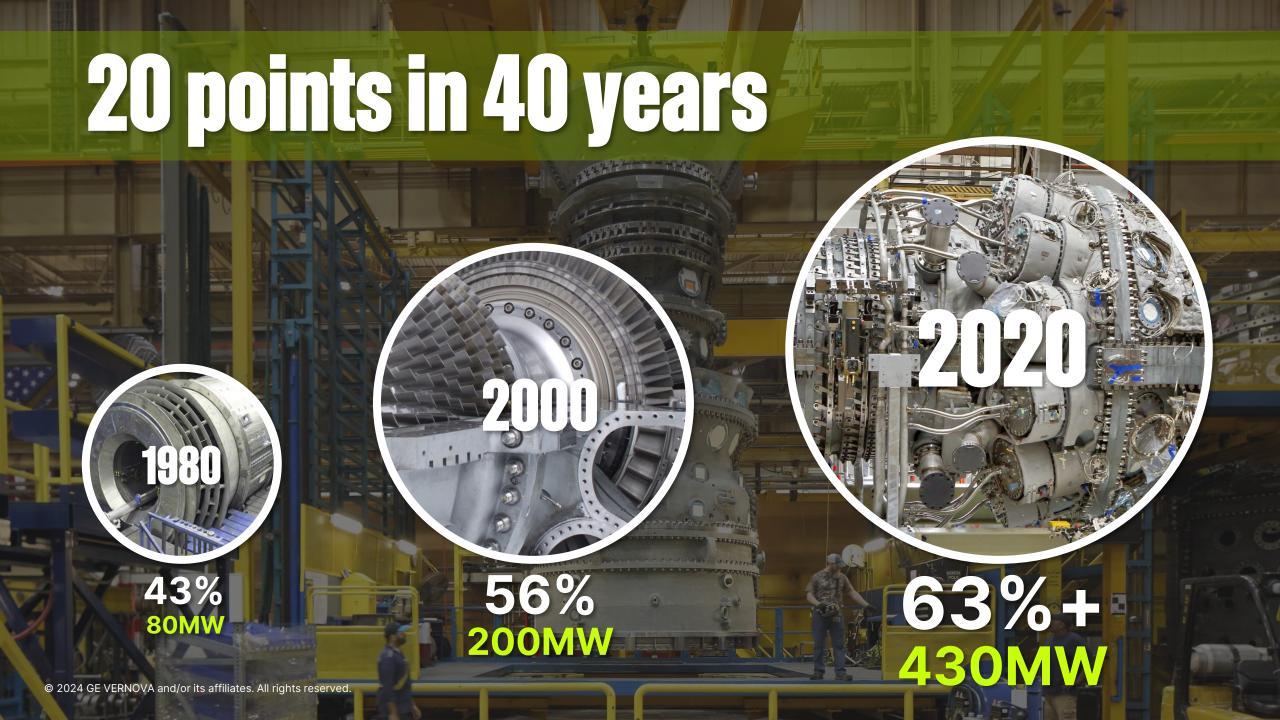
~30% of the world's electricity today is generated with GE Vernova's installed base

- ...we must help electrify the world
- ...while decarbonizing it with lower and zero-carbon-intensive technology
- ...that is more sustainable, affordable, reliable/secure

Global electricity generation (TWh/y)







FECM / NETL Investment

1 Research

Advanced Combustion
System

Advanced Components & Aerodynamics

Advanced Alloys and Coatings

Advanced Manufacturing

2 Industrialization

(3) Impact

DLN2.6e

Higher efficiencies at lower NOx

F and HA Products

Advanced cooling for higher efficiency

Fand HA Products

Higher temperature capability for higher efficiency

Emerging

Continually evolving sciences and processes

50 Hz EDF BOUCHAIN 9HA.01

> 62.22% net CC

60 Hz CHUBU NISHI NAGOYA 7HA.01

63.08% gross CC

Reflections



Advanced technology must have a compelling, differentiated product proposition.



Funding is important but speed, iterations and results more important.



Simplify complex problems into digestible bites to reduce risk and drive adoption.



Recognize the financial risk/rewards but you'll never make everyone happy.



Never underestimate the impact of having a senior leader champion in your corner.

Frontiers

Efficiency

Cycling

Sustainability

Advanced Systems

every btu matters for gas, H2, capture

capability for renewable ups and downs

new investment into next gen manufacturing

dispatchable systems that cross traditional and emergent technologies

