

# YOUR NUCLEAR SERVICES PARTNER THROUGH THE ENERGY TRANSITION

As a nuclear power producer, emerging legislation, regulations and technologies are all having signficant impact on your business and operating models. As you respond to both new opportunities—and hurdles—we're adapting along with you to be your service provider and strategic partner today, and through the energy transition.





# TOGETHER, LEADING THE AMERICAS NUCLEAR TRANSITION



Servicing the OEM/other OEM nuclear fleets with an installed base of 85+ GWe generating capacity



~70% of turbine island equipment ready for end-of-life replacements/ upgrades within the next decade



>60% of plants positioned for capacity uprates within the next decade



Potential for up to 3+ GWe of additional carbon-free power capacity



Contributing to over **950 TW-hours** of carbon-free nuclear power in the region



Execute 40+ outages annually



Deliver ~6,000 part lines annually



5 local + 4 global service/ manufacturing facilities



130-year OEM legacy across GE/ Alstom/ABB brands



# **END-TO-END NUCLEAR TURBINE ISLAND SERVICES**



#### **CORE SERVICES**

- Advanced outage planning/execution
- Parts repairs/replacement
- Quick-turn emergent outage work solutions
- Full-scope trouble-shooting/ emergency response
- On-site repairs/ engineering/ technical support
- · Inspection and testing
- Controls/software updates and support



## UPGRADES/LIFE EXTENSIONS

- Performance upgrades
- Capacity uprates
- Component replacements
- Rebuilds/retrofits



#### ASSET/RISK MANAGEMENT

- Value modeling assessments
- Online monitoring & diagnostics
- Cybersecurity
- Multi-year agreements



**STEAM TURBINE** 



**GENERATOR** 



CONTROL S



**AUXILIARIES** 

# SUPPORTING YOUR STRATEGIC PLANNING



Business case collaboration to determine financial benefits of capital investments



Sharing fleet-level insights to inform/optimize your decision-making with long-term strategic planning



Delivering innovation through new technologies, services and commercial arrangements that flex with your evolving needs



# **OUR CUSTOMER COMMITMENT**



#### **SAFETY**

Our culture is immersed in owning and practicing safety in everything we do...continually learning and improving to ensure the protection of our teams, and security of your operations. For Steam Power, NOTHING comes before safety.



#### **QUALITY**

We strive to meet our quality standards—and yours—the first time, every time. In partnership with our suppliers, we're laser-focused on catching defects early, avoiding quality-related delays and driving continuous improvement in our quality processes.



#### **DELIVERY**

We understand that delivering to you on time is critical to maintaining your grid commitments and revenue opportunities. That's why our team is applying the concepts of Lean to find new ways to reduce our cycle times with everything from drafting proposals and engineering solutions, to delivering parts and executing outage projects.

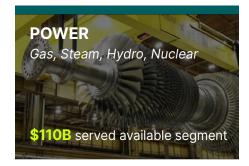


#### **COST**

Because our costs impact yours, we're actively identifying internal efficiencies and reimagining supplier relationships with commitments to keep our pricing models competitive, especially in today's inflationary environment.

# **A GE VERNOVA ENERGY BUSINESS**

As a member of the GE Vernova family of energy businesses, Steam Power is dedicated to supporting the new energy era of electrifying while decarbonizing.







# **OUR TECHNOLOGIES**









TRANSFER



**ORCHESTRATE** 



**CONVERT** 



**STORE** 



### GE VERNOVA BY THE NUMBERS:



1Z businesses



**BUK** employees



140 countries



**2,200 GW** installed base



of the world's electricity generated with the help of our technology



Serving a \$265+
BILLION segment\*



Supporting
\$2 TRILLION
of annual capital
investment\*\*

\*Includes capex and services
\*\*IEA stated policies/announced pledges through 2030

For more information, please contact your Steam Power representative, or visit us at: **gevernova.com/steam-power** 

