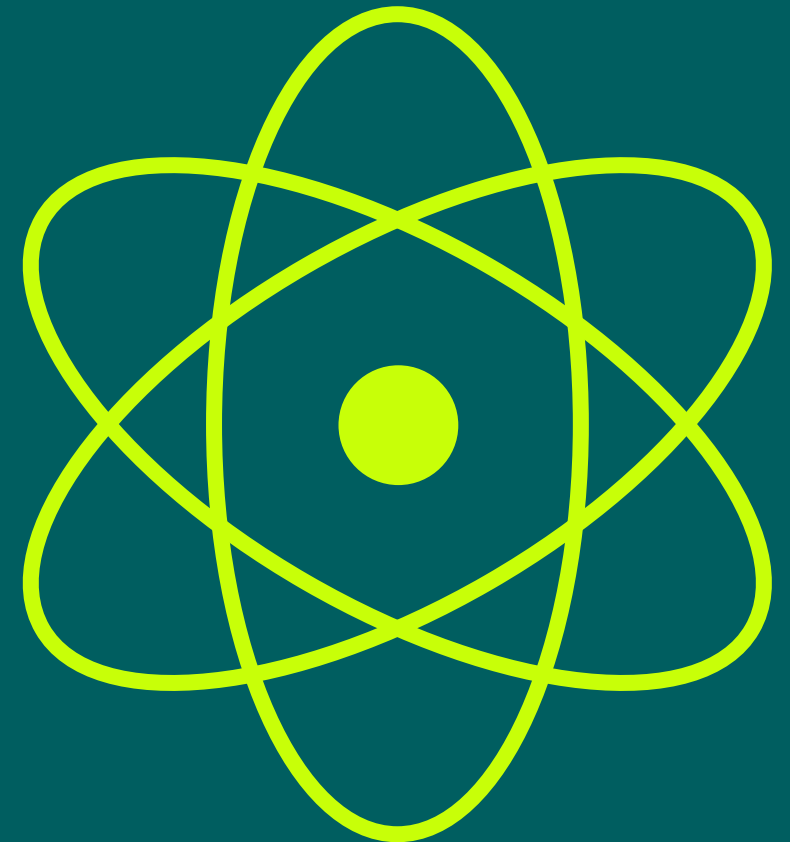


GE VERNOVA HITACHI NUCLEAR ENERGY BWRX-300 SMR

February 2026

Dagmara Peret – Country Leader for Poland SMR



GE Vernova – The Energy of Change



75K

Global employees

100+

Countries

~25%

Of the world's electricity today is
generated with GE Vernova installed base

POWER

Gas Power, Hydro Power, Nuclear, Steam Power

WIND

LM Wind Power, Onshore Wind, Offshore Wind,

ELECTRIFICATION

Electrification Software, Grid Solutions, Power Conversion, Solar & Storage Solutions,

ACCELERATORS

Advanced Research, Consulting Services, Financial Services

GE VERNOVA IN POLAND



2 manufacturing sites



1 research & development center



6 office sites



7000+



MW with APM
2.4 GW



~2000



GE VERNOVA

MAJOR SITES & INSTALLED BASE



Gas Power



Steam Power



Onshore Wind



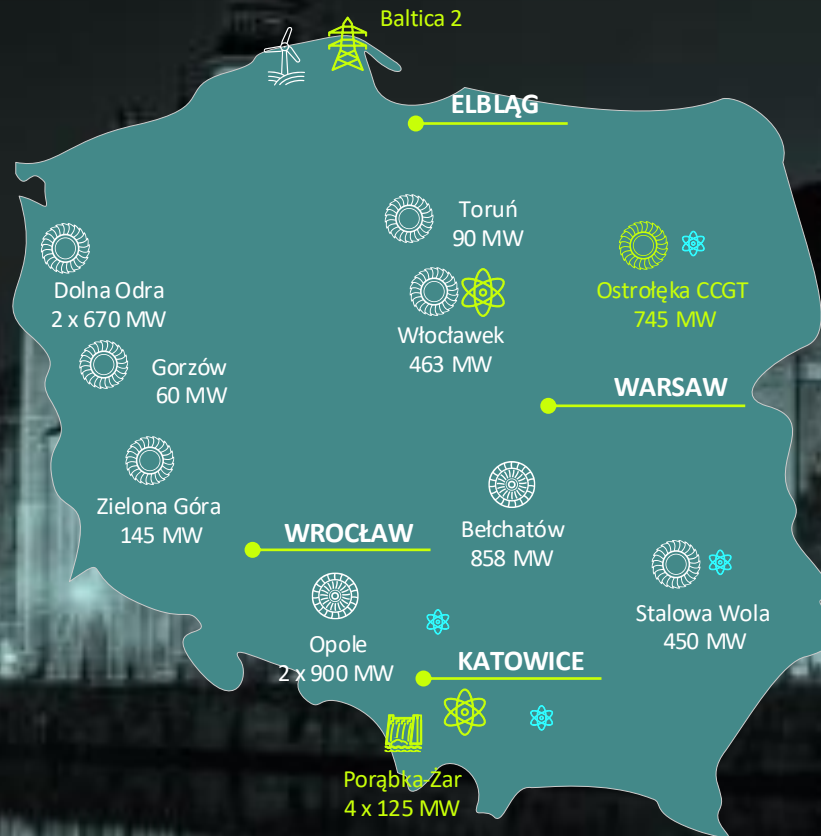
Hydro



Grid



Nuclear SMR



Installed base:

Gas Power: 2.6+ GW

active LTSA: 3.3+ GW

Steam Power: 2.6+ GW

Onshore Wind: 0.8 GW

Under construction & development

Gas Power

Ostrołęka (745 MW)

Kozienice (2x670MW)

Hydro

Porąbka-Zar Pump-Storage Power Plant (4x125 MW)

Electrification

onshore infrastructure for offshore wind farms Baltic Power and Baltica 2

Nuclear SMR

Włocławek, Stawy Monowskie

Ostrołęka, Dąbrowa Górnicza, Stalowa Wola, Kraków
(6 sites, 24 SMR)

Facilities

- Factories of steam turbines & generators (Elbląg and Wrocław)
- Factory of wind rotor blades (Goleniów).
- Engineering Innovation Center (Warsaw)
- Power & Wind & Hydro offices (Warsaw)
- Development of world-class Small Modular Reactors (Warszawa)
- Electrification site (Katowice)

Nuclear business overview



ADVANCED NUCLEAR

- Small Modular Reactor (BWRX-300)
- Sodium Fast Reactor
(Working with TerraPower on Natrium™)



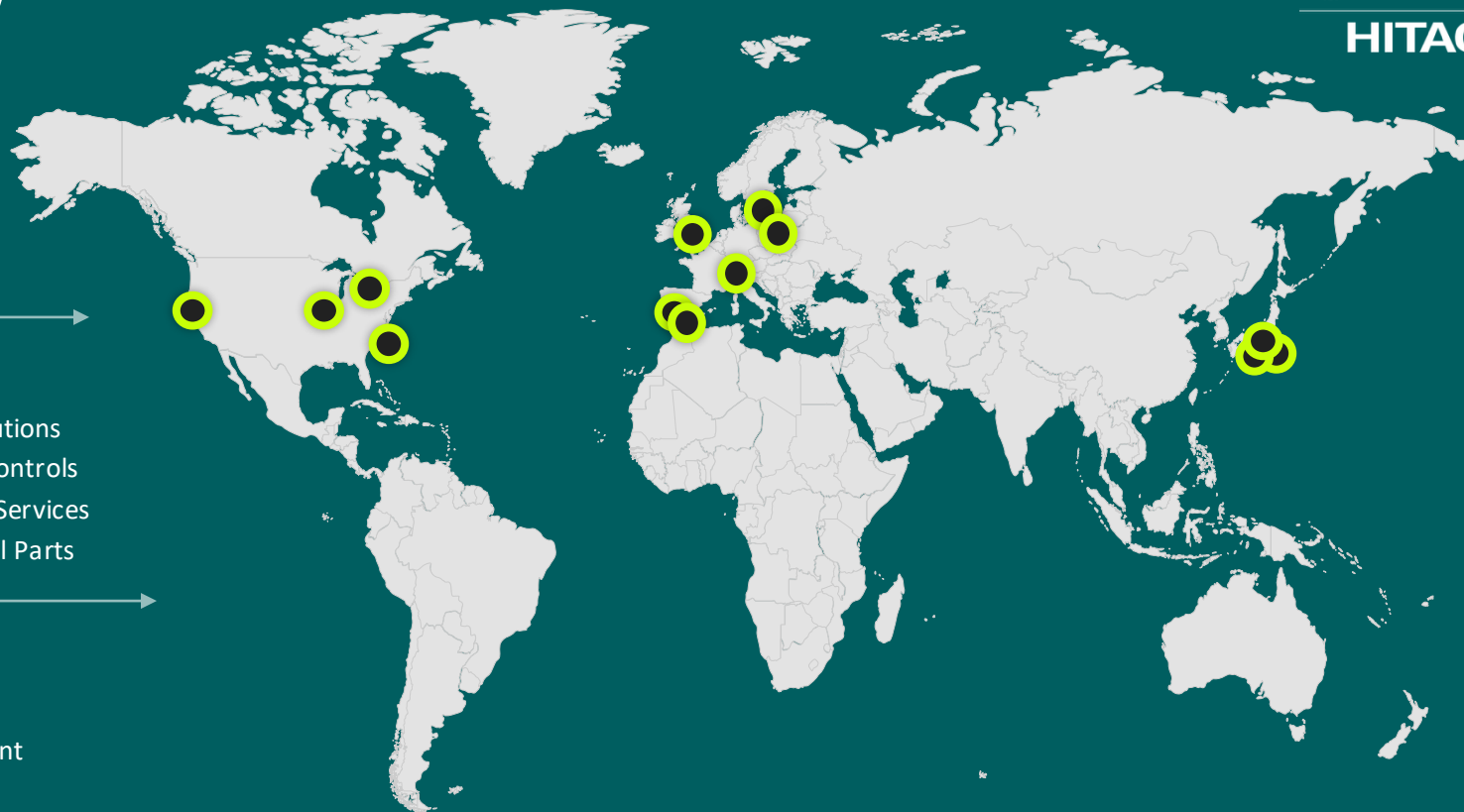
SERVICES

- Outage Services
- Inspections
- Plant & Reactor Mods
- Refurbishment Services
- Digital/Software Solutions
- Instrumentation & Controls
- Asset Enhancement Services
- Electrical/Mechanical Parts

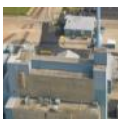


FUELS

- Advanced BWR fuel
- Accident Tolerant Fuel
- Engineering Services
- Uranium Management



2,500+ EMPLOYEES ... A FULL-SERVICE PROVIDER WITH GLOBAL PRESENCE



GVH Morris
Operation
Morris, IL



GVH SMR Technologies
Canada
Toronto, ON



GENUSA Fuel Factory
Salamanca, Spain



GVH Office
Zurich,
Switzerland



GVH Office
Warsaw, Poland



BWR Training
Center
San Jose, CA



GVH and
GNF HQs
Wilmington, NC



GVH &
GENUSA Office
Madrid, Spain



GEV Office
London, UK

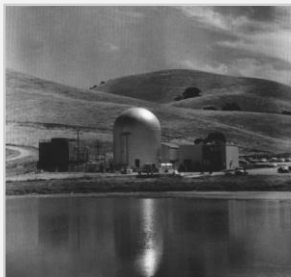


GVH Office
Stockholm,
Sweden



GNF-J
Kurihama,
Japan

GE Vernova Hitachi: A Legacy of Turning Ideas into Reality



OVER 80 YEARS OF NUCLEAR EXPERIENCE AND INNOVATION

1939	1955	1957	1962	1974	1986	1996	2014	2017	2022	2023	2024	2025
First GE involvement in nuclear physics	GE Atomic Division established	Vallecitos BWR AEC License #1	NPD achieves full power – 1st reactor in Canada	25 th BWR Peach Bottom 3	50 th BWR River Bend	1 st Gen III reactor (ABWR) built on time on budget	ESBWR U.S. NRC License	BWRX-300 launched	1 st commercial contract for BWRX-300 (OPG)	TVA, OPG & SGE invest in BWRX-300 standard design	UK FNEF award; OSGE starts licensing activities	Darlington BWRX-300 Unit 1 approved for construction

*Jointly developed technology with TerraPower

BWR – boiling water reactor
AEC – Atomic Energy Commission

NPD – Nuclear Power Demonstration
ESBWR – economic simplified boiling water reactor
OSGE – Orlen Synthos Green Energy

NRC – Nuclear Regulatory Commission
TVA – Tennessee Valley Authority
FNEF – UK Future Enabling Fund

OPG – Ontario Power Generation
SGE – Synthos Green Energy

67 Reactors licensed in 10 Countries

BWRX-300

Small Modular Reactor (SMR)

- 300 MW carbon-free power
- Innovative design
- Competitive cost
- Proven and reliable fuel
- World-class safety
- Ideally sized for coal-to-nuclear
- Robust supply chain
- Ready for global deployment

A world leading provider of grid-scale SMRs:

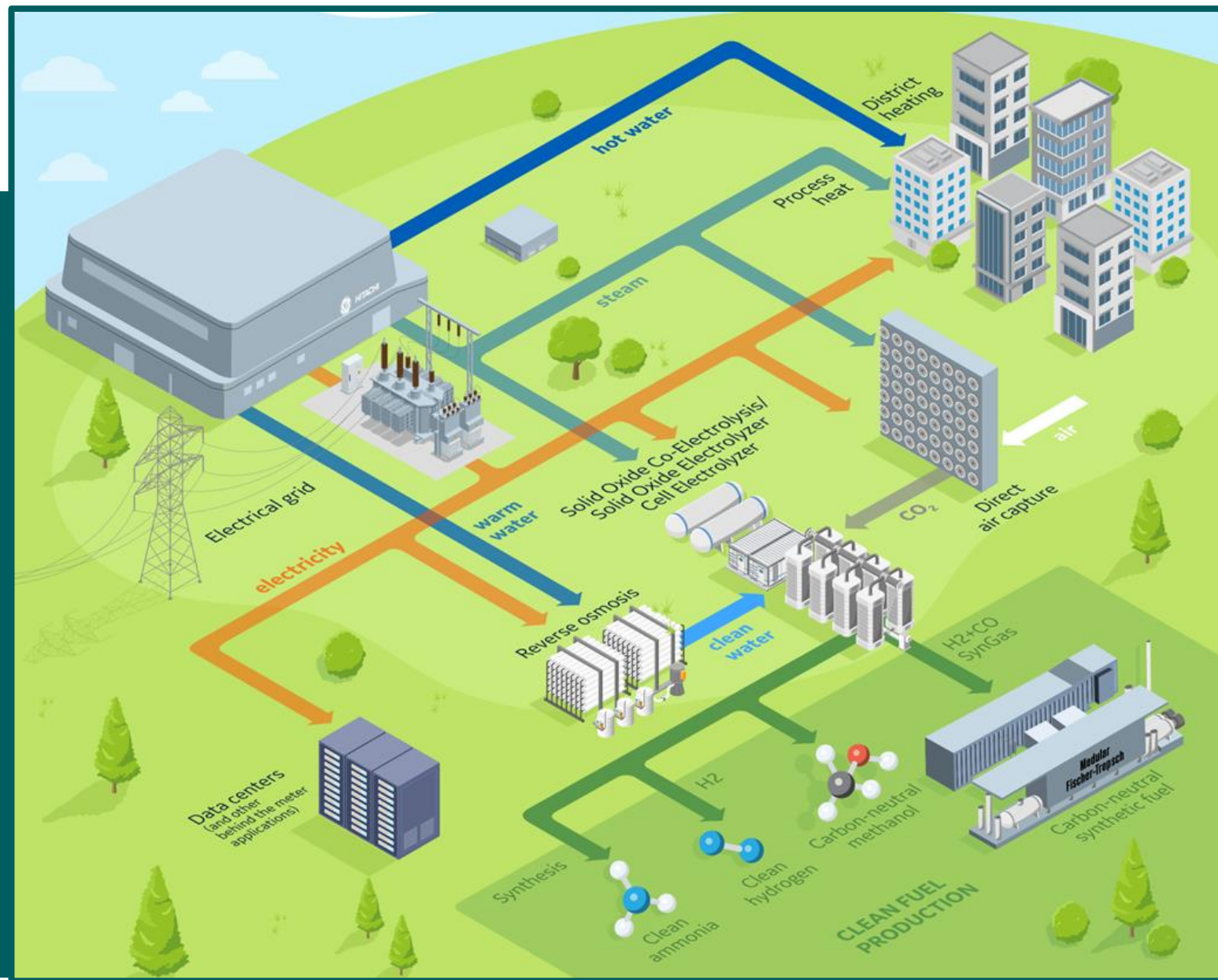
First commercial SMR under construction in North America, in service by the end of 2030.

Tennessee Valley Authority, Ontario Power Generation, Synthos Green Energy, Duke Energy and GE Vernova Hitachi Nuclear Energy are sharing in the investment for the BWRX-300 standard design.



BWRX-300 applications

- Electricity-only
- District heating
- Process heating
- Data centers
- Clean and carbon-neutral eFuels
- Clean steel & aluminum
- CO2 Direct Air Capture



Strategic Partnerships



KEY SUPPLIERS BWRX-300

- BWX Technologies
- Worley Chemetics
- Velan
- Reuter-Stokes
- Arabelle Solutions
- Hitachi-GE Nuclear Energy

Global partners — not just customers — are helping us prove, refine, and accelerate deployment

EXPANDING

Global Deployment

Countries with significant interest

- Canada
- U.S.
- Poland
- Sweden
- Finland
- Estonia
- UK



**SUCCESSFUL
CANADA
LAUNCH
PROJECT**

**builds industry confidence and
unlocks new customer
commitments**



FROM PROJECTS TO CONSTRUCTION

Ontario Power Generation

May 8, 2025

The Province of Ontario and Ontario Power Generation approve the construction of the first BWRX-300 small modular reactor at the Darlington site.

Darlington
New Nuclear
Project

**FROM CONCEPT
TO CONCRETE**

BWRX-300 SMRs in Poland – fleet of 24 Units



- OSGE established by Orlen and Synthos Green Energy to deploy GEH's BWRX-300 SMRs
- GVH established office in Warsaw in 2022
- GVH and OSGE signed cooperation agreement for deployment of 24 units in 6 locations BWRX-300 SMRs in Poland and Region by 2050
- SGE S.A. is responsible for deployment of SMRs in the Region
- GEV Poland develops GE Hitachi Nuclear Engineering Global Team under Engineering Innovation Center in Warsaw with close to 40th engineers to provide services in the Region
- #1 unit COD planned on 2032/33; 2nd COD by 2035
- General opinion for BWRX achieved from (PAA)
- Environmental procedures initiated - three decision specifying the scope of report has been issued
- 6 Decisions in Principle in place

• Project situation

- The **first transboundary consultation process for a SMR in Europe has been completed**
- **Connection Conditions** for Oświęcim obtained
- **Design agreement (Technical Cooperation Agreement - TCA) has been signed** with Synthos Green Energy, Tennessee Valley Authority, Ontario Power Generation and GE Hitachi for the design of a BWRX-300. \$400 million investment in the development of the GEH BWRX-300 technology
- **LoI loans signed** with U.S. federal institutions (B4\$) for the construction and deployment of the first two units. Polish leading banks to support
- **SMRs get support from Phoenix program** for coal-to-SMR power plant conversions
- GEH joined European Industrial Alliance on SMRs and created together with OSGE Project Working Group together with 17th countries to accelerate deployment of SMRs in Region
- PSAR (Preliminary Safety Analysis Report) work started

• Market Situation

- **SMRs to replace coal fired units** (power generation, CHP and industrial, 19 GW to be decommissioned by 2040)
- **14 GW potential** for BWRX-300 units in Poland
- SMR Road Map **expected 1Q 2026**
- NPP Larg One project with AP 1000 under development
- Technical Dialog for Second NPP started
- **EU Commission** accepted the founding model for Larg Project



The BWRX-300: BUILT FOR THIS MOMENT



SIMPLER. SAFER. FASTER TO BUILD.

Thank You for your attention