BWRX-300 COMMERCIAL ACTIVITY

GE VERNOVA HITACHI



TVA, OPG, Synthos Green Energy, Duke Energy, and GE Vernova Hitachi sharing in the $400M+ investment to develop the

BWRX-300

NORTH AMERICA



Ontario Power Generation (OPG)
Construction of the first BWRX-300 SMR at OPG's Darlington site is underway; three additional units are planned.

Tennessee Valley Authority (TVA)
Construction Permit Application docketed by the US NRC for a BWRX-300 at TVA's Clinch River site. US DOE awarded TVA-led coalition a $400M grant to advance the BWRX-300.

SaskPower
Has entered an agreement with GE Vernova Hitachi to collaborate on project planning and to share expertise for the BWRX-300.

EUROPE

Poland
The Polish government approved six locations for the construction of 26 BWRX-300 SMRs by **Orlen Synthos Green Energy.** US Export-Import Bank (EXIM) and US International Development Finance Corp. sign letters of interest to lend up to $4B to support projects. Regulator concludes BWRX-300 configuration is compliant with Polish nuclear safety.

Nordics
GVH has been down selected by both **Vattenfall** and **Fortum** for their reactor technology in the Nordics.

Estonia
Fermi Energia submitted an application to begin the site selection process for deployment of two BWRX-300 SMRs.

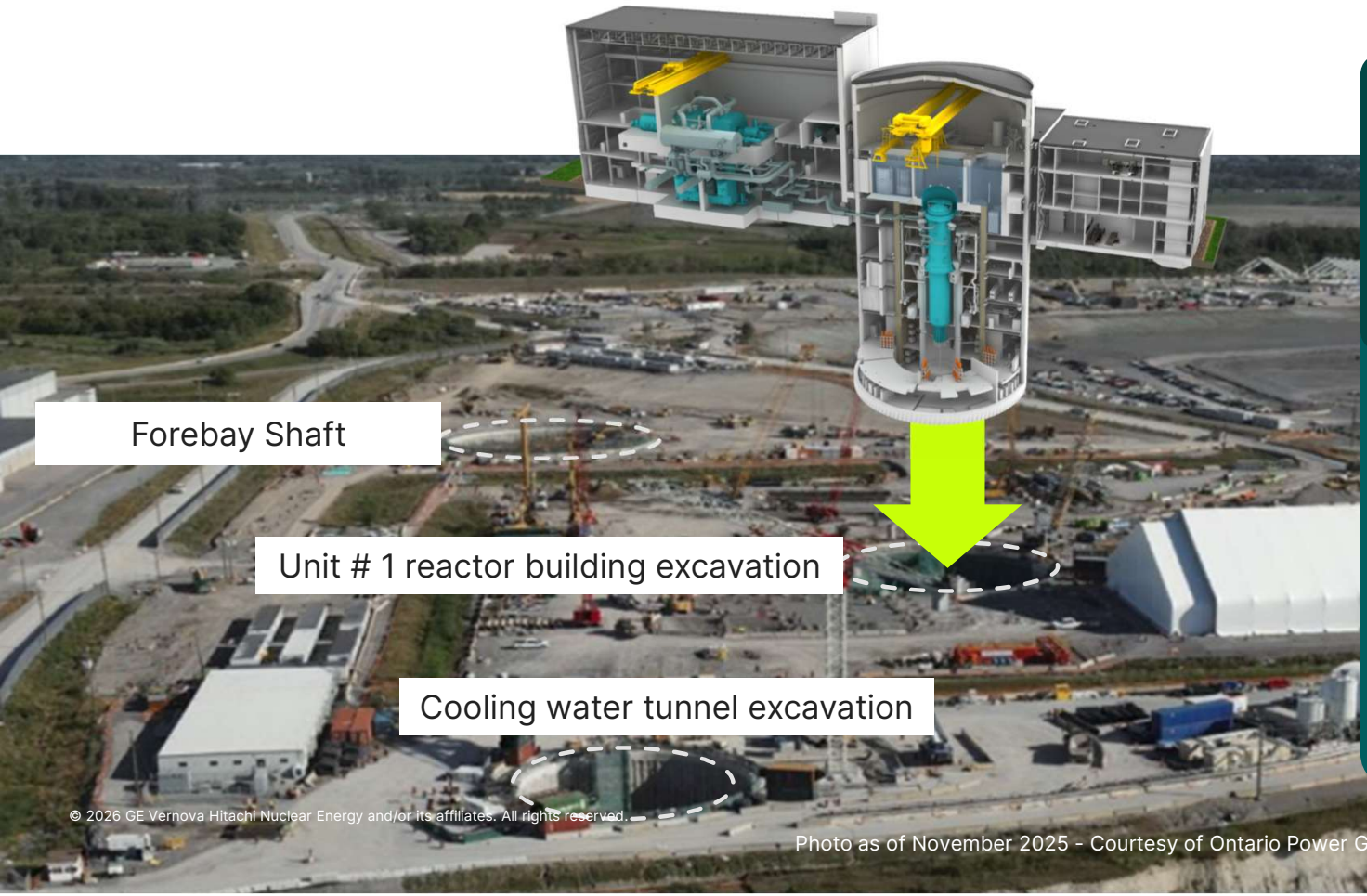
UK
GVH BWRX-300 SMR has completed step two of the Generic Design Assessment (GDA) process in the UK.

Leading nuclear utilities and governments investing in BWRX-300

© 2026 GE Vernova Hitachi Nuclear Energy and/or its affiliates. All rights reserved.

FROM CONCEPT TO CONCRETE

GE VERNOVA HITACHI



BWRX-300

Proven
Innovative
Simplified

ONTARIO POWER GENERATION

Darlington New Nuclear Project
First Western world SMR under construction

© 2026 GE Vernova Hitachi Nuclear Energy and/or its affiliates. All rights reserved.

Photo as of November 2025 - Courtesy of Ontario Power Generation