

Province of Ontario to deploy additional GE Hitachi BWRX-300 Small Modular Reactors

WILMINGTON, North Carolina—July 7, 2023—The Province of Ontario announced today that it is working with Ontario Power Generation (OPG) to begin planning and licensing for the deployment of three additional GE Hitachi Nuclear Energy (GEH) BWRX-300 small modular reactors (SMRs) at the Darlington New Nuclear Project site. A total of four BWRX-300 SMRs are now planned for deployment at the site east of Toronto.

“OPG and the Province of Ontario have staked a leading position in the deployment of new nuclear with a project that will offer significant energy and economic benefits to Ontario and Canada,” said Jay Wileman, President & CEO, GEH. “As a global clean energy leader, the Province of Ontario is an ideal home for this innovative project. We look forward to working closely with the SMR project partners as we build a fleet of new reactors together and demonstrate nuclear project excellence here in Canada.”

Today’s announcement about three potential additional units builds on [January’s announcement](#) about a contract to build a single BWRX-300 at OPG’s Darlington site, the first commercial contract for a grid-scale SMR in North America.

“We are looking forward to a long partnership with OPG as we turn the BWRX-300 design into a reality here at the Darlington site,” said Sean Sexstone, Executive Vice President, Advanced Nuclear, GEH. “The Ontario supply chain has embraced the BWRX-300 project and we are encouraged by the leadership we have seen to meet manufacturing quality and schedule requirements to support this project and our integrated team.”

Advanced nuclear technologies like the BWRX-300 are a key pillar of GEH’s energy transition leadership. In addition to helping customers achieve decarbonization goals, the BWRX-300 is designed to reduce construction and operating costs below other nuclear power generation technologies. Specifically, the BWRX-300 leverages



a unique combination of existing fuel, plant simplifications, proven components and a design based on an already licensed reactor.

GE's support for the Canadian nuclear industry dates to the early 1950s. The company helped build the first Canadian nuclear power plant, the Nuclear Power Demonstration (NPD) reactor that became the basis for the entire CANDU fleet.

About GE Hitachi Nuclear Energy

GE Hitachi Nuclear Energy (GEH) is a world-leading provider of advanced reactors and nuclear services. Established in 2007, GEH is a global nuclear alliance created by GE and Hitachi to serve the global nuclear industry. The nuclear alliance executes a single, strategic vision to create a broader portfolio of solutions, expanding its capabilities for new reactor and service opportunities. The alliance offers customers around the world the technological leadership required to effectively enhance reactor performance, power output and safety. Follow GEH on [LinkedIn](#) and [Twitter](#).

<https://www.gevernova.com/>
[GE Vernova](#)

Media inquiries

Jon Allen

GE Vernova | Communications, Nuclear Power

jonathan.allen1@ge.com

+1 910 819 2581