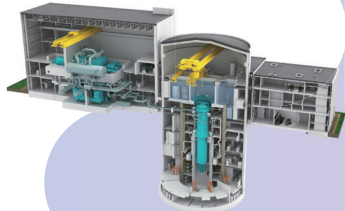


BWRX-300 and HI-ABWR Solutions for Clean Energy and Energy Security



Small Modular Reactor BWRX-300

- BWRX-300 SMR is developed by Hitachi and GE Vernova alliance in cooperation with global stakeholders
- Construction of the BWRX-300 has begun in Canada, with the first of four SMRs expected to be in service by the end of 2030

Innovative Light Water Reactor Highly Innovative ABWR (HI-ABWR)

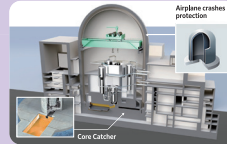
- Incorporating new safety mechanisms into the UK ABWR, satisfying post-Fukushima regulations, UK and European regulatory requirements
- Ensures walk-away safety, minimizes radioactive release with advanced filtration, and enhances structural resilience against natural and terrorist threats



Advanced Reactors



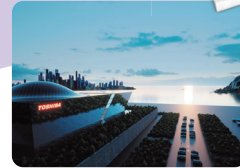
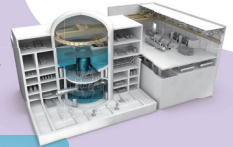
MHI is developing the Advanced LWR "SRZ-1200" which achieves world's highest-level safety. In addition, MHI promotes the development of advanced new reactors to meet future social needs.



Next Generation BWR : iBR 800-1500MWe class



- No Containment Venting even in Severe Accident
- 7-day Grace Period by Double Cylindrical Containment Vessel and Built-in Passive Safety Systems
- Capability to respond to load fluctuation
- Robust steel-reinforced concrete (SC) structure dome against airplane crash
- Proven Construction Method based on ABWR



Reactors